

P&M INVEST LTD (ロシア)

# フルオロ化合物 ラボ生産品リスト 2015-16



SCIENTIFIC  
INDUSTRIAL  
ASSOCIATION  
«P&M»

FLUORINE  
COMPOUNDS

2015-16

- ・ 1,800 種以上のフルオロ化合物掲載
- ・ フルオロ化合物専門メーカー P&M INVEST LTD



**東洋サイエンス**  
Making Science , Growing Together



～ お問い合わせ先はこちらまで ～

**東洋サイエンス株式会社**

〒103-0022 東京都中央区日本橋室町 4-1-21

近三ビルヂング 2 階

Tel : 03-5205-1040 Fax : 03-5205-1043

E-mail: [fc2@toyo-asia.co.jp](mailto:fc2@toyo-asia.co.jp)

担当 : 三浦 幹巨 (ファインケミカル部)



## 分子式検索

	substance	catalog number		substance	catalog number
<b>CBF<sub>6</sub>K</b>	Potassium (trifluoromethyl)trifluoroborate	1778	<b>C<sub>2</sub>BrF<sub>5</sub>O<sub>3</sub>S</b>	2-Bromotetrafluoroethyl fluorosulfate	1465
<b>CBrF<sub>3</sub></b>	Bromotrifluoromethane	0181	<b>C<sub>2</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	1-Chloro-1,2-dibromotrifluoroethane	0193
<b>CBr<sub>2</sub>F<sub>2</sub></b>	Dibromodifluoromethane	0277	<b>C<sub>2</sub>Br<sub>2</sub>F<sub>2</sub>O</b>	Bromodifluoroacetyl bromide	0114
<b>CBr<sub>3</sub>F</b>	Fluorotribromomethane (FC 11B3)	1010	<b>C<sub>2</sub>Br<sub>2</sub>F<sub>4</sub></b>	1,1-Dibromotetrafluoroethane	0290
<b>CClF<sub>3</sub>O<sub>2</sub>S</b>	Trifluoromethanesulfonyl chloride	1456		1,2-Dibromotetrafluoroethane (Freon 114 B2)	0291
<b>CCl<sub>3</sub>F</b>	Fluorotrichloromethane	1491	<b>C<sub>2</sub>ClF<sub>3</sub></b>	Chlorotrifluoroethene	0263
<b>CF<sub>3</sub>I</b>	Iodotrifluoromethane	1083	<b>C<sub>2</sub>ClF<sub>3</sub>O</b>	Chlorodifluoroacetyl fluoride	0201
<b>CHCl<sub>2</sub>F</b>	Chlorodifluoromethane (Freon 22)	1950		Trifluoroacetyl chloride	1042
<b>CHCl<sub>2</sub>FO<sub>2</sub>S</b>	Chlorofluorometanesulfonyl chloride, 95%	1983	<b>C<sub>2</sub>ClF<sub>4</sub>I</b>	1-Chloro-1-iodotetrafluoroethane, 95%	0213
<b>CHF<sub>2</sub>I</b>	Difluoroiodomethane	1117		1-Chloro-2-iodotetrafluoroethane, 95%	0214
<b>CHF<sub>3</sub>O<sub>3</sub>S</b>	Trifluoromethanesulfonic acid	1079	<b>C<sub>2</sub>Cl<sub>2</sub>F<sub>2</sub></b>	1,2-Dichlorodifluoroethylene (E/Z isomer mixture)	0294
<b>CH<sub>2</sub>ClF</b>	Chlorofluoromethane (Freon-31)	1959	<b>C<sub>2</sub>Cl<sub>2</sub>F<sub>2</sub>O</b>	Chlorodifluoroacetyl chloride	0200
<b>C<sub>2</sub>BF<sub>8</sub>K</b>	Potassium (pentafluoroethyl) trifluoroborate	1776	<b>C<sub>2</sub>Cl<sub>2</sub>F<sub>3</sub>I</b>	1,2-Dichloro-2-iodotrifluoroethane	0301
<b>C<sub>2</sub>BrClF<sub>2</sub>O</b>	Bromodifluoroacetyl chloride	0115	<b>C<sub>2</sub>Cl<sub>2</sub>FNaO<sub>2</sub></b>	Sodium dichlorofluoroacetate	1842
	Chlorodifluoroacetyl bromide	0199	<b>C<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub></b>	1,1,2-Trichlorotrifluoroethane	1022
<b>C<sub>2</sub>BrClF<sub>3</sub>I</b>	2-Bromo-1-chloro-1-iodotrifluoroethane	1674	<b>C<sub>2</sub>Cl<sub>4</sub>F<sub>2</sub></b>	1,2-Difluorotetrachloroethane	1905
<b>C<sub>2</sub>BrClF<sub>4</sub></b>	1-Bromo-2-chlorotetrafluoroethane	1503	<b>C<sub>2</sub>Cl<sub>5</sub>F</b>	Fluoropentachloroethane	1961
<b>C<sub>2</sub>BrF<sub>2</sub>KO<sub>2</sub></b>	Potassium bromodifluoroacetate	1774	<b>C<sub>2</sub>F<sub>3</sub>I</b>	Iodotrifluoroethylene	0576
<b>C<sub>2</sub>BrF<sub>2</sub>N</b>	Bromodifluoroacetonitrile	1289	<b>C<sub>2</sub>F<sub>3</sub>IO</b>	Iododifluoroacetyl fluoride	0331
<b>C<sub>2</sub>BrF<sub>2</sub>NaO<sub>2</sub></b>	Sodium bromodifluoroacetate	1415	<b>C<sub>2</sub>F<sub>3</sub>KO<sub>2</sub></b>	Potassium trifluoroacetate	0906
<b>C<sub>2</sub>BrF<sub>3</sub>O</b>	Bromodifluoroacetyl fluoride	0116	<b>C<sub>2</sub>F<sub>3</sub>N</b>	Trifluoroacetonitrile	1040
	Trifluoroacetyl bromide	1203	<b>C<sub>2</sub>F<sub>3</sub>NaO<sub>2</sub></b>	Sodium trifluoroacetate	0912
<b>C<sub>2</sub>BrF<sub>4</sub>I</b>	1-Bromo-2-iodotetrafluoroethane	1493	<b>C<sub>2</sub>F<sub>4</sub>O</b>	Trifluoroacetyl fluoride	1043
<b>C<sub>2</sub>BrF<sub>5</sub></b>	Bromopentafluoroethane	0136	<b>C<sub>2</sub>F<sub>4</sub>O<sub>2</sub>S</b>	Trifluoroethenesulfonyl fluoride	1068

## Molecular Formula Index

**C<sub>2</sub> C<sub>3</sub>**

<b>C<sub>2</sub>F<sub>5</sub>I</b>	Iodopentafluoroethane	0527		2-Chloro-1,1-difluoroethane	1984
<b>C<sub>2</sub>F<sub>6</sub>O<sub>5</sub>S</b>	Trifluoromethanesulfonic anhydride	1455	<b>C<sub>2</sub>H<sub>3</sub>ClF<sub>2</sub>O</b>	2-Chloro-2,2-difluoroethanol	1690
<b>C<sub>2</sub>HBrF<sub>2</sub>O<sub>2</sub></b>	Bromodifluoroacetic acid, 98%	0113	<b>C<sub>2</sub>H<sub>3</sub>ClF<sub>2</sub>O<sub>2</sub></b>	Chlorodifluoroacetaldehyde hydrate	1539
<b>C<sub>2</sub>HCIF<sub>2</sub>O</b>	Difluoroacetyl chloride	0325	<b>C<sub>2</sub>H<sub>3</sub>Cl<sub>2</sub>FO</b>	2,2-Dichloro-2-fluoroethanol	1699
<b>C<sub>2</sub>HCIF<sub>2</sub>O<sub>2</sub></b>	Chlorodifluoroacetic acid	0198	<b>C<sub>2</sub>H<sub>3</sub>F<sub>2</sub>I</b>	2-Iodo-1,1-difluoroethane	1736
<b>C<sub>2</sub>HCl<sub>2</sub>FO<sub>2</sub></b>	Dichlorofluoroacetic acid	1827	<b>C<sub>2</sub>H<sub>3</sub>F<sub>2</sub>NO</b>	Difluoroacetamide	1138
<b>C<sub>2</sub>HCl<sub>2</sub>F<sub>3</sub></b>	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1960	<b>C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>NO</b>	(1Z)-2,2,2-Trifluoro-N'-hydroxyethanimidamide	1846
<b>C<sub>2</sub>HF<sub>2</sub>IO<sub>2</sub></b>	Iododifluoroacetic acid	1883	<b>C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub></b>	Trifluoroacetamidine	1229
<b>C<sub>2</sub>HF<sub>2</sub>KO<sub>2</sub></b>	Potassium difluoroacetate	1149	<b>C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O</b>	Trifluoroacetyl hydrazide	1266
<b>C<sub>2</sub>HF<sub>2</sub>N</b>	Difluoroacetonitrile	0256	<b>C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>O</b>	2,2,2-Trifluoroethanol	1067
<b>C<sub>2</sub>HF<sub>2</sub>NaO<sub>2</sub></b>	Sodium difluoroacetate	1161	<b>C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub></b>	Trifluoroacetaldehyde hydrate (tech.)	1033
<b>C<sub>2</sub>HF<sub>3</sub>O</b>	Difluoroacetyl fluoride	1828	<b>C<sub>2</sub>H<sub>4</sub>F<sub>2</sub>O</b>	2,2-Difluoroethanol	0329
<b>C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub></b>	Trifluoroacetic acid	1036	<b>C<sub>2</sub>H<sub>4</sub>F<sub>3</sub>N</b>	2,2,2-Trifluoroethylamine	1523
<b>C<sub>2</sub>HF<sub>3</sub>O<sub>4</sub>S</b>	2-(Fluorosulfonyl)difluoroacetic acid	1979	<b>C<sub>2</sub>H<sub>4</sub>F<sub>3</sub>NO<sub>2</sub></b>	Ammonium trifluoroacetate	0049
<b>C<sub>2</sub>HF<sub>4</sub>I</b>	1-Iodo-1,2,2,2-tetrafluoroethane	0553	<b>C<sub>2</sub>H<sub>5</sub>BrClF<sub>2</sub>N</b>	2-Bromo-2,2-difluoroethylamine hydrochloride	1526
	1-Iodo-1,1,2,2-tetrafluoroethane, 98%	1956	<b>C<sub>2</sub>H<sub>5</sub>ClF<sub>3</sub>N</b>	2,2,2-Trifluoroethylamine hydrochloride	1524
<b>C<sub>2</sub>HF<sub>5</sub></b>	Pentafluoroethane	0695	<b>C<sub>2</sub>H<sub>5</sub>F</b>	Fluoroethane	0405
<b>C<sub>2</sub>H<sub>2</sub>BrF<sub>2</sub>NO</b>	Bromodifluoroacetamide	1416	<b>C<sub>2</sub>H<sub>5</sub>FO</b>	2-Fluoroethanol	1951
<b>C<sub>2</sub>H<sub>2</sub>BrF<sub>3</sub></b>	2-Bromo-1,1,1-trifluoroethane	0179	<b>C<sub>2</sub>H<sub>5</sub>F<sub>2</sub>N</b>	2,2-Difluoroethylamine	0330
<b>C<sub>2</sub>H<sub>2</sub>ClF<sub>2</sub>NO</b>	Chlorodifluoroacetamide	0197	<b>C<sub>2</sub>H<sub>6</sub>ClF<sub>2</sub>N</b>	2,2-Difluoroethylamine hydrochloride	1525
<b>C<sub>2</sub>H<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,1,1-trifluoroethane	0262	<b>C<sub>3</sub>BrClF<sub>4</sub>O</b>	2-Bromotetrafluoropropionyl chloride	0170
<b>C<sub>2</sub>H<sub>2</sub>ClF<sub>3</sub>O<sub>2</sub>S</b>	2,2,2-Trifluoroethanesulfonyl chloride	1848		2-Chlorotetrafluoropropionyl bromide	0251
<b>C<sub>2</sub>H<sub>2</sub>Cl<sub>2</sub>F<sub>2</sub></b>	1,2-Dichloro-1,1-difluoroethane	0293	<b>C<sub>3</sub>BrF<sub>4</sub>N</b>	2-Bromotetrafluoropropionitrile	0167
<b>C<sub>2</sub>H<sub>2</sub>F<sub>2</sub>O<sub>2</sub></b>	Difluoroacetic acid	0324	<b>C<sub>3</sub>BrF<sub>5</sub>O</b>	Bromopentafluoroacetone	0132
<b>C<sub>2</sub>H<sub>2</sub>F<sub>3</sub>I</b>	2-Iodo-1,1,1-trifluoroethane	0575		2-Bromotetrafluoropropionyl fluoride	0171
<b>C<sub>2</sub>H<sub>2</sub>F<sub>3</sub>NO</b>	Trifluoroacetamide	1035		Pentafluoropropionyl bromide	0724
<b>C<sub>2</sub>H<sub>3</sub>BrF<sub>2</sub></b>	1-Bromo-2,2-difluoroethane (FC-142B1)	1671	<b>C<sub>3</sub>BrF<sub>7</sub></b>	2-Bromoheptafluoropropane	0123
<b>C<sub>2</sub>H<sub>3</sub>ClF<sub>2</sub></b>	1-Chloro-1,1-difluoroethane (HCFC-142b)	1689		1-Bromoheptafluoropropane	0124

<b>C<sub>3</sub>Br<sub>2</sub>F<sub>4</sub>O</b>	2-Bromotetrafluoropropionyl bromide	0169		Hexafluoropropene oxide	0497
<b>C<sub>3</sub>Br<sub>2</sub>F<sub>6</sub></b>	1,2-Dibromohexafluoropropane	0279		Trifluoromethyl trifluorovinyl ether	0813
	2,2-Dibromohexafluoropropane	0280		Pentafluoropropionyl fluoride	0879
<b>C<sub>3</sub>ClF<sub>5</sub>O</b>	Chloropentafluoroacetone	0226	<b>C<sub>3</sub>F<sub>6</sub>O•1,6H<sub>2</sub>O</b>	Hexafluoroacetone sesquihydrate	0473
	2-Chlorotetrafluoropropionyl fluoride	0254	<b>C<sub>3</sub>F<sub>6</sub>O•3H<sub>2</sub>O</b>	Hexafluoroacetone trihydrate	0474
	3-Chlorotetrafluoropropionyl fluoride	0255	<b>C<sub>3</sub>F<sub>6</sub>O<sub>3</sub>S</b>	1-(Trifluoromethyl)trifluoroethanesultone	0826
	Pentafluoropropionyl chloride	0725		Pentafluoroallyl fluorosulfate	1835
<b>C<sub>3</sub>ClF<sub>5</sub>O•H<sub>2</sub>O</b>	Chloropentafluoroacetone monohydrate	0227	<b>C<sub>3</sub>F<sub>7</sub>I</b>	Heptafluoro-1-iodopropane	0452
<b>C<sub>3</sub>ClF<sub>7</sub></b>	1-Chloroheptafluoropropane (FC 217A)	1119		Heptafluoro-2-iodopropane	0453
	2-Chloroheptafluoropropane	1143	<b>C<sub>3</sub>F<sub>7</sub>IO</b>	1-Iodo-1-(trifluoromethoxy) tetrafluoroethane	0555
<b>C<sub>3</sub>Cl<sub>2</sub>F<sub>4</sub>O</b>	2-Chlorotetrafluoropropionyl chloride	0252		2-Iodo-1-(trifluoromethoxy) tetrafluoroethane	0556
	3-Chlorotetrafluoropropionyl chloride	0253	<b>C<sub>3</sub>HBrF<sub>4</sub>O</b>	2,2,3,3-Tetrafluoropropionyl bromide	0974
	1,3-Dichlorotetrafluoroacetone	1907	<b>C<sub>3</sub>HBrF<sub>4</sub>O<sub>2</sub></b>	2-Bromotetrafluoropropionic acid	0168
<b>C<sub>3</sub>Cl<sub>2</sub>F<sub>6</sub></b>	1,2-Dichlorohexafluoropropane	0299	<b>C<sub>3</sub>HBr<sub>2</sub>F<sub>3</sub>O</b>	1,1-Dibromo-3,3,3-trifluoroacetone	1135
	2,2-Dichlorohexafluoropropane	1139	<b>C<sub>3</sub>HCIF<sub>4</sub>O</b>	2,2,3,3-Tetrafluoropropionyl chloride	0975
<b>C<sub>3</sub>Cl<sub>3</sub>F<sub>3</sub></b>	1,1,2-Trichlorotrifluoroprop-1-ene	1023	<b>C<sub>3</sub>HCIF<sub>4</sub>O<sub>2</sub></b>	3-Chlorotetrafluoropropionic acid	0250
<b>C<sub>3</sub>Cl<sub>3</sub>F<sub>3</sub>O</b>	1,1,1-Trichlorotrifluoroacetone	1017		2-Chlorotetrafluoropropionic acid	0257
	1,1,3-Trichloro-1,3,3-trifluoroacetone	1909	<b>C<sub>3</sub>HCl<sub>2</sub>F<sub>3</sub>O•3H<sub>2</sub>O</b>	3,3-Dichloro-1,1,1-trifluoroacetone trihydrate	1544
	1,3-Difluorotetrachloroacetone	1908	<b>C<sub>3</sub>HCl<sub>2</sub>F<sub>5</sub></b>	1,2-Dichloro-1,1,3,3,3-pentafluoropropane	0304
<b>C<sub>3</sub>Cl<sub>5</sub>F<sub>3</sub></b>	Pentachloro-1,1,1-trifluoropropane (CFC-213ab)	1753	<b>C<sub>3</sub>HF<sub>3</sub></b>	3,3,3-Trifluoropropyne	1101
	Pentachloro-1,1,2-trifluoropropane	1754	<b>C<sub>3</sub>HF<sub>3</sub>O<sub>2</sub></b>	Trifluoropyruvic aldehyde (20% aqueous solution)	1198
<b>C<sub>3</sub>F<sub>3</sub>N<sub>3</sub></b>	2,4,6-Trifluoro-1,3,5-triazine	1589	<b>C<sub>3</sub>HF<sub>4</sub>N</b>	2,3,3,3-Tetrafluoropropionitrile	0973
<b>C<sub>3</sub>F<sub>5</sub>IO</b>	Iodopentafluoroacetone	0523	<b>C<sub>3</sub>HF<sub>5</sub></b>	1,1,3,3,3-Pentafluoropropene	0718
<b>C<sub>3</sub>F<sub>5</sub>KO<sub>2</sub></b>	Potassium pentafluoropropionate	1240	<b>C<sub>3</sub>HF<sub>5</sub>O<sub>2</sub></b>	Pentafluoropropionic acid	0723
<b>C<sub>3</sub>F<sub>5</sub>N</b>	Pentafluoropropionitrile	0715	<b>C<sub>3</sub>HF<sub>6</sub>I</b>	2-Iodo-1,1,1,3,3,3-hexafluoropropane	1180
<b>C<sub>3</sub>F<sub>5</sub>NaO<sub>2</sub></b>	Sodium pentafluoropropionate	0909	<b>C<sub>3</sub>HF<sub>6</sub>N</b>	Hexafluoroacetone imine	1223
<b>C<sub>3</sub>F<sub>6</sub></b>	Hexafluoropropene	0496	<b>C<sub>3</sub>H<sub>2</sub>BrF<sub>3</sub></b>	2-Bromo-3,3,3-trifluoropropene	0184
<b>C<sub>3</sub>F<sub>6</sub>O</b>	Hexafluoroacetone	0472	<b>C<sub>3</sub>H<sub>2</sub>BrF<sub>3</sub>O</b>	3-Bromo-1,1,1-trifluoroacetone	0174

## Molecular Formula Index

C<sub>3</sub>

<b>C<sub>3</sub>H<sub>2</sub>BrF<sub>4</sub>NO</b>	2-Bromotetrafluoropropionamide	0166	<b>C<sub>3</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub></b>	1,2-Dichloro-3,3,3-trifluoropropane	0318
<b>C<sub>3</sub>H<sub>2</sub>BrF<sub>5</sub></b>	3-Bromo-1,1,1,2,2-pentafluoropropane	1678	<b>C<sub>3</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub>O</b>	Dichloromethyl 2,2,2-trifluoroethyl ether	1555
<b>C<sub>3</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>3</sub></b>	2,2,3-Tribromo-1,1,1-trifluoropropane	1013	<b>C<sub>3</sub>H<sub>3</sub>FO<sub>3</sub></b>	4-Fluoro-1,3-dioxolan-2-one	0406
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-3,3,3-trifluoropropene	0268	<b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub></b>	3,3,3-Trifluoropropene	1098
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>3</sub>O</b>	3,3,3-Trifluoropropionyl chloride	1100	<b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O</b>	1,1,1-Trifluoroacetone	1038
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>4</sub>I</b>	1-Chloro-3-iodo-1,1,2,2-tetrafluoropropane	1692		(Trifluoromethyl)oxirane	1085
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>4</sub>NO</b>	2-Chlorotetrafluoropropionamide	0248		3,3,3-Trifluoropropanal	1099
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>5</sub></b>	3-Chloro-1,1,1,2,2-pentafluoropropane	1642	<b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub></b>	Methyl trifluoroacetate	0619
<b>C<sub>3</sub>H<sub>2</sub>ClF<sub>5</sub>O</b>	Difluoromethyl 1-chloro-2,2,2-trifluoroethyl ether (Isoflurane)			3,3,3-Trifluoropropionic acid	1095
<b>C<sub>3</sub>H<sub>2</sub>Cl<sub>2</sub>O<sub>3</sub></b>	4,5-Dichloro-1,3-dioxolan-2-one	1698		2,2,2-Trifluoroethyl formate	1538
<b>C<sub>3</sub>H<sub>2</sub>F<sub>3</sub>I</b>	2-Iodo-3,3,3-trifluoropropene	1510	<b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O<sub>3</sub></b>	3,3,3-Trifluoro-DL-lactic acid	1132
<b>C<sub>3</sub>H<sub>2</sub>F<sub>3</sub>N</b>	3,3,3-Trifluoropropionitrile	1162	<b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O<sub>4</sub></b>	Trifluoropyruvic acid monohydrate	1813
<b>C<sub>3</sub>H<sub>2</sub>F<sub>3</sub>NO<sub>2</sub></b>	Trifluoropyruvamide	1811	<b>C<sub>3</sub>H<sub>3</sub>F<sub>4</sub>I</b>	1-Iodo-2,2,3,3-tetrafluoropropane	0557
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub></b>	2,3,3,3-Tetrafluoropropene	1843	<b>C<sub>3</sub>H<sub>3</sub>F<sub>4</sub>NO</b>	2,3,3,3-Tetrafluoropropionamide	0970
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	2,3,3,3-Tetrafluoropropionic acid	0971	<b>C<sub>3</sub>H<sub>3</sub>F<sub>5</sub>N<sub>2</sub></b>	Pentafluoropropanamidine	1316
	2,2,3,3-Tetrafluoropropionic acid	0972	<b>C<sub>3</sub>H<sub>3</sub>F<sub>5</sub>O</b>	2,2,3,3,3-Pentafluoropropan-1-ol	0717
<b>C<sub>3</sub>H<sub>2</sub>F<sub>5</sub>I</b>	3-Iodo-1,1,1,2,2-pentafluoropropane	0529		Difluoromethyl 2,2,2-trifluoroethyl ether	1556
<b>C<sub>3</sub>H<sub>2</sub>F<sub>5</sub>NO</b>	Pentafluoropropionamide	0714		1,1,1,3,3-Pentafluoropropan-2-ol	1955
<b>C<sub>3</sub>H<sub>2</sub>F<sub>6</sub>O</b>	Hexafluoroisopropanol	0494	<b>C<sub>3</sub>H<sub>3</sub>F<sub>5</sub>O<sub>2</sub></b>	Pentafluoropropanal hydrate	0721
<b>C<sub>3</sub>H<sub>2</sub>F<sub>6</sub>O<sub>3</sub>S</b>	2,2,2-Trifluoroethyl trifluoromethanesulfonate	1459	<b>C<sub>3</sub>H<sub>3</sub>F<sub>6</sub>N</b>	1,1,1,3,3,3-Hexafluoroisopropylamine	1127
<b>C<sub>3</sub>H<sub>3</sub>BrF<sub>2</sub>O<sub>2</sub></b>	Methyl bromodifluoroacetate	0590	<b>C<sub>3</sub>H<sub>3</sub>F<sub>6</sub>NO</b>	2-Aminohexafluoroisopropanol (30% in dioxane or diglyme)	0041
<b>C<sub>3</sub>H<sub>3</sub>BrF<sub>3</sub>NO</b>	3-Bromo-1,1,1-trifluoroacetone oxime	1474	<b>C<sub>3</sub>H<sub>4</sub>BrF<sub>3</sub></b>	1-Bromo-3,3,3-trifluoropropane	0182
<b>C<sub>3</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>3</sub></b>	1,2-Dibromo-3,3,3-trifluoropropane	0292		2-Bromo-1,1,1-trifluoropropane	1686
<b>C<sub>3</sub>H<sub>3</sub>ClF<sub>2</sub>O<sub>2</sub></b>	Methyl chlorodifluoroacetate	1413	<b>C<sub>3</sub>H<sub>4</sub>BrF<sub>3</sub>O</b>	3-Bromo-1,1,1-trifluoropropan-2-ol	0183
<b>C<sub>3</sub>H<sub>3</sub>ClF<sub>3</sub>IO<sub>3</sub>S</b>	2-Iodo-3,3,3-trifluoropropyl chloridosulfate	1464		2-Bromo-3,3,3-trifluoropropan-1-ol	1687
<b>C<sub>3</sub>H<sub>3</sub>ClF<sub>4</sub></b>	3-Chloro-1,1,2,2-tetrafluoropropane	0249	<b>C<sub>3</sub>H<sub>4</sub>ClF<sub>3</sub></b>	3-Chloro-1,1,1-trifluoropropane	0267
<b>C<sub>3</sub>H<sub>3</sub>ClF<sub>4</sub>O</b>	3-Chloro-2,2,3,3-tetrafluoropropan-1-ol	1391	<b>C<sub>3</sub>H<sub>4</sub>ClF<sub>3</sub>O</b>	Methyl 2-chloro-1,1,2-trifluoroethyl ether	0265
<b>C<sub>3</sub>H<sub>3</sub>Cl<sub>2</sub>FO<sub>2</sub></b>	Methyl dichlorofluoroacetate	1833	<b>C<sub>3</sub>H<sub>4</sub>F<sub>2</sub>O</b>	1,1-Difluoroacetone	1703

<b>C<sub>3</sub>H<sub>4</sub>F<sub>2</sub>O<sub>2</sub></b>	Methyl difluoroacetate	0596	<b>C<sub>3</sub>H<sub>7</sub>ClF<sub>3</sub>N</b>	3,3,3-Trifluoropropylamine hydrochloride	1235
<b>C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>I</b>	1-Iodo-3,3,3-trifluoropropane	0579		2-Amino-1,1,1-trifluoropropane hydrochloride	1530
<b>C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>NO</b>	N-Methyltrifluoroacetamide	1396	<b>C<sub>3</sub>H<sub>7</sub>ClF<sub>3</sub>NO</b>	3-Amino-1,1,1-trifluoropropan-2-ol hydrochloride	1660
	1,1,1-Trifluoroacetone oxime	1475	<b>C<sub>3</sub>H<sub>7</sub>F<sub>2</sub>N</b>	Difluoromethyldimethylamine	1322
<b>C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>NO<sub>2</sub></b>	3,3,3-Trifluoro-DL-alanine	1795	<b>C<sub>4</sub>BrF<sub>7</sub>O</b>	2-Bromotetrafluoroethyl trifluorovinyl ether	0156
<b>C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>NO<sub>3</sub></b>	3-Nitro-1,1,1-trifluoropropan-2-ol	0669		Heptafluorobutyryl bromide	0430
	Trifluoropyruvamide hydrate	1812	<b>C<sub>4</sub>BrF<sub>9</sub></b>	1-Bromononafluorobutane	0138
<b>C<sub>3</sub>H<sub>4</sub>F<sub>4</sub>O</b>	Methyl 1,1,2,2-tetrafluoroethyl ether	0616	<b>C<sub>4</sub>Br<sub>2</sub>F<sub>4</sub>O<sub>3</sub></b>	Bromodifluoroacetic anhydride	1826
	2,2,3,3-Tetrafluoropropan-1-ol	0968	<b>C<sub>4</sub>Br<sub>2</sub>F<sub>6</sub></b>	2,3-Dibromohexafluorobut-2-ene	1521
<b>C<sub>3</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub></b>	2,2,3,3-Tetrafluoropropanal hydrate	0969	<b>C<sub>4</sub>ClF<sub>7</sub></b>	4-Chloroheptafluorobut-1-ene	1613
	2,3,3,3-Tetrafluoropropanal hydrate	1788	<b>C<sub>4</sub>ClF<sub>7</sub>O</b>	Heptafluorobutyryl chloride	0440
<b>C<sub>3</sub>H<sub>4</sub>F<sub>5</sub>N</b>	2,2,3,3,3-Pentafluoropropylamine	0732		(2-Chlorotetrafluoroethyl)trifluorooxirane	1620
<b>C<sub>3</sub>H<sub>4</sub>F<sub>5</sub>NO<sub>2</sub></b>	Ammonium pentafluoropropionate	0048	<b>C<sub>4</sub>ClF<sub>7</sub>O<sub>3</sub>S</b>	1-(2-Chlorotetrafluoroethyl)trifluoroethanesultone	1631
<b>C<sub>3</sub>H<sub>5</sub>ClF<sub>3</sub>NO<sub>2</sub></b>	3,3,3-Trifluoro-DL-alanine hydrochloride	1796	<b>C<sub>4</sub>ClF<sub>9</sub></b>	1-Chlorononafluorobutane	1641
<b>C<sub>3</sub>H<sub>5</sub>ClF<sub>5</sub>N</b>	2,2,3,3,3-Pentafluoropropylamine hydrochloride	1528	<b>C<sub>4</sub>Cl<sub>2</sub>F<sub>4</sub>O<sub>3</sub></b>	Chlorodifluoroacetic anhydride	1414
<b>C<sub>3</sub>H<sub>5</sub>FO</b>	Epifluorohydrin	1707	<b>C<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub></b>	2,3-Dichlorohexafluorobut-2-ene	0297
<b>C<sub>3</sub>H<sub>5</sub>F<sub>3</sub>O</b>	3,3,3-Trifluoropropan-1-ol	1096	<b>C<sub>4</sub>Cl<sub>2</sub>F<sub>8</sub></b>	1,4-Dichlorooctafluorobutane	0302
	1,1,1-Trifluoropropan-2-ol	1097		2,3-Dichlorooctafluorobutane	0303
<b>C<sub>3</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub></b>	Trifluoroacetaldehyde methyl hemiacetal (tech.)	1034	<b>C<sub>4</sub>Cl<sub>4</sub>F<sub>6</sub></b>	1,2,3,4-Tetrachlorohexafluorobutane	0913
<b>C<sub>3</sub>H<sub>5</sub>F<sub>3</sub>O<sub>3</sub>S</b>	Ethyl trifluoromethanesulfonate	1317	<b>C<sub>4</sub>F<sub>4</sub>N<sub>2</sub></b>	Tetrafluorosuccinodinitrile	1791
<b>C<sub>3</sub>H<sub>6</sub>ClFO</b>	1-Chloro-3-fluoropropan-2-ol	1212	<b>C<sub>4</sub>F<sub>6</sub></b>	Hexafluorobut-1,3-diene	0477
<b>C<sub>3</sub>H<sub>6</sub>FI</b>	1-Fluoro-3-iodopropane	1924		Hexafluorobut-2-yne	0481
<b>C<sub>3</sub>H<sub>6</sub>F<sub>2</sub>O</b>	1,3-Difluoropropan-2-ol	1224	<b>C<sub>4</sub>F<sub>6</sub>O<sub>3</sub></b>	Trifluoroacetic anhydride	1037
<b>C<sub>3</sub>H<sub>6</sub>F<sub>2</sub>O<sub>2</sub></b>	2,2-Difluoropropane-1,3-diol	1236	<b>C<sub>4</sub>F<sub>7</sub>I</b>	1-Iodoheptafluorobut-1-ene	0533
<b>C<sub>3</sub>H<sub>6</sub>F<sub>3</sub>N</b>	2-Amino-1,1,1-trifluoropropane	1179	<b>C<sub>4</sub>F<sub>7</sub>KO<sub>2</sub></b>	Potassium heptafluorobutyrate	1148
	3,3,3-Trifluoropropylamine	1182	<b>C<sub>4</sub>F<sub>7</sub>N</b>	Heptafluorobutyronitrile	0428
<b>C<sub>3</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	3-Amino-1,1,1-trifluoropropan-2-ol	1118		Heptafluoroisobutyronitrile	1226
<b>C<sub>3</sub>H<sub>6</sub>F<sub>6</sub>N<sub>2</sub>O</b>	Ammonium 2-aminohexafluoroisopropoxide	1532	<b>C<sub>4</sub>F<sub>7</sub>NaO<sub>2</sub></b>	Sodium heptafluorobutyrate	0908

## Molecular Formula Index

**C<sub>4</sub>**

<b>C<sub>4</sub>F<sub>8</sub></b>	Octafluorobut-2-ene	0661	<b>C<sub>4</sub>HF<sub>8</sub>I</b>	1-Iodo-4H-octafluorobutane	0532
	Octafluorobut-1-ene	1163	<b>C<sub>4</sub>HF<sub>9</sub>O</b>	Perfluoro-tert-butanol	0740
<b>C<sub>4</sub>F<sub>8</sub>O</b>	Octafluorobutan-2-one	1490	<b>C<sub>4</sub>HF<sub>9</sub>O<sub>3</sub>S</b>	1,1,1,3,3,3-Hexafluoroisopropyl trifluoromethanesulfonate	1463
	Heptafluorobutyryl fluoride	1546	<b>C<sub>4</sub>HF<sub>9</sub>O<sub>4</sub>S</b>	Perfluoro(2-ethoxyethane)sulfonic acid	0779
<b>C<sub>4</sub>F<sub>8</sub>O<sub>3</sub>S</b>	Perfluoro(3-oxapent-4-ene)sulfonyl fluoride	1830	<b>C<sub>4</sub>H<sub>2</sub>BrF<sub>5</sub></b>	1-Bromo-3,3,4,4,4-pentafluorobut-1-ene	0135
	2,4,4,5,5-Pentafluoro-2-trifluoromethyl-3-oxathiolane-1,1-dioxide	1958		2-Bromo-3,3,4,4,4-pentafluorobut-1-ene	1328
<b>C<sub>4</sub>F<sub>9</sub>I</b>	1-Iodononafluorobutane	0530	<b>C<sub>4</sub>H<sub>2</sub>BrF<sub>5</sub>O</b>	1-Bromo-3,3,4,4,4-pentafluorobutan-2-one	0134
	2-Iodononafluorobutane	0531	<b>C<sub>4</sub>H<sub>2</sub>Br<sub>2</sub>F<sub>4</sub></b>	2,4-Dibromo-3,3,4,4-tetrafluorobut-1-ene	0289
	Perfluoro-tert-butyl iodide	0743	<b>C<sub>4</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>5</sub></b>	3,3,4-Tribromo-1,1,1,2,2-pentafluorobutane	1327
<b>C<sub>4</sub>F<sub>9</sub>KO<sub>4</sub>S</b>	Potassium perfluoro(2-ethoxyethane) sulfonate	0905	<b>C<sub>4</sub>H<sub>2</sub>ClF<sub>3</sub>O</b>	4,4,4-Trifluorocrotonoyl chloride	1431
<b>C<sub>4</sub>F<sub>9</sub>NaO<sub>4</sub>S</b>	Sodium perfluoro(2-ethoxyethane) sulfonate	0910	<b>C<sub>4</sub>H<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub></b>	2,3,4-Trichloro-3,4,4-trifluorobut-1-ene	1020
<b>C<sub>4</sub>F<sub>10</sub>O<sub>2</sub>S</b>	Perfluorobutanesulfonyl fluoride	1761	<b>C<sub>4</sub>H<sub>2</sub>F<sub>3</sub>N</b>	2-(Trifluoromethyl)acrylonitrile	1082
<b>C<sub>4</sub>HBrF<sub>6</sub></b>	1-Bromo-2-(trifluoromethyl)-3,3,3-trifluoropropene	1512		4,4,4-Trifluorocrotononitrile	1207
<b>C<sub>4</sub>HBrF<sub>8</sub></b>	1-Bromo-4H-octafluorobutane	0137	<b>C<sub>4</sub>H<sub>2</sub>F<sub>4</sub>O<sub>3</sub></b>	Difluoroacetic anhydride	1702
<b>C<sub>4</sub>HBrF<sub>8</sub>O</b>	2-Bromotetrafluoroethyl	1680	<b>C<sub>4</sub>H<sub>2</sub>F<sub>6</sub>O</b>	1,1,1,4,4,4-Hexafluorobutan-2-one	1727
	1,2,2,2-tetrafluoroethyl ether		<b>C<sub>4</sub>H<sub>2</sub>F<sub>6</sub>O<sub>2</sub></b>	2,2,2-Trifluoroethyl trifluoroacetate	1075
<b>C<sub>4</sub>HBr<sub>2</sub>F<sub>5</sub></b>	1,2-Dibromo-3,3,4,4,4-pentafluorobut-1-ene, 96%	1906		3,3,3-Trifluoro-2-(trifluoromethyl) propionic acid	1105
<b>C<sub>4</sub>HBr<sub>2</sub>F<sub>5</sub>O</b>	1,1-Dibromo-3,3,4,4,4-pentafluorobutan-2-one	1320		2,2,3,4,4,4-Hexafluorobutyric acid	1383
<b>C<sub>4</sub>HCIF<sub>6</sub>O</b>	3,3,3-Trifluoro-2-(trifluoromethyl) propionyl chloride	1270		2,2,3,3,4,4-Hexafluorobutyric acid	1863
<b>C<sub>4</sub>HCIF<sub>8</sub></b>	1-Chloro-4H-octafluorobutane	0224	<b>C<sub>4</sub>H<sub>2</sub>F<sub>6</sub>O<sub>3</sub></b>	2-Hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionic acid	0518
<b>C<sub>4</sub>HCl<sub>3</sub>F<sub>6</sub>O</b>	1,1-Bis(trifluoromethyl)-2,2,2-trichloroethanol	1324	<b>C<sub>4</sub>H<sub>2</sub>F<sub>7</sub>I</b>	4-Iodo-1,1,1,2,2,3,3-heptafluorobutane	0445
<b>C<sub>4</sub>HF<sub>4</sub>KO<sub>2</sub></b>	Potassium 2,2,3,4,4,4-hexafluorobutyrate	1855	<b>C<sub>4</sub>H<sub>2</sub>F<sub>7</sub>NO</b>	Heptafluorobutyramide	0425
<b>C<sub>4</sub>HF<sub>5</sub></b>	3,3,4,4,4-Pentafluorobut-1-yne	1755	<b>C<sub>4</sub>H<sub>2</sub>F<sub>8</sub></b>	1H,4H-Octafluorobutane	0660
<b>C<sub>4</sub>HF<sub>6</sub>NaO<sub>2</sub></b>	Sodium 2,2,3,4,4,4-hexafluorobutyrate	1386	<b>C<sub>4</sub>H<sub>2</sub>F<sub>8</sub>O</b>	1,1,2,3,3,3-Hexafluoropropyl difluoromethyl ether	1875
<b>C<sub>4</sub>HF<sub>6</sub>NO</b>	2-Hydroxy-2-(trifluoromethyl)-3,3,3-trifluoropropionitrile	1734	<b>C<sub>4</sub>H<sub>2</sub>F<sub>8</sub>O<sub>3</sub>S</b>	2,2,3,3,3-Pentafluoropropyl trifluoromethanesulfonate	1760
<b>C<sub>4</sub>HF<sub>6</sub>NO<sub>3</sub></b>	N,O-Bis(trifluoroacetyl)hydroxylamine	0090	<b>C<sub>4</sub>H<sub>3</sub>BrClF<sub>3</sub></b>	4-Bromo-3-chloro-3,4,4-trifluorobut-1-ene	0102
<b>C<sub>4</sub>HF<sub>7</sub></b>	1,1,2,3,3,4,4-Heptafluorobut-1-ene	1176	<b>C<sub>4</sub>H<sub>3</sub>BrF<sub>4</sub></b>	4-Bromo-3,3,4,4-tetrafluorobut-1-ene	0152
<b>C<sub>4</sub>HF<sub>7</sub>O</b>	Heptafluorobutyraldehyde	1196	<b>C<sub>4</sub>H<sub>3</sub>BrF<sub>4</sub>O<sub>2</sub></b>	Methyl 2-bromotetrafluoropropionate	0591
<b>C<sub>4</sub>HF<sub>7</sub>O<sub>2</sub></b>	Heptafluorobutyric acid	0426			

<b>C<sub>4</sub>H<sub>3</sub>BrF<sub>6</sub></b>	2-(Bromomethyl)-1,1,1,3,3,3-hexafluoropropane	1501	<b>C<sub>4</sub>H<sub>4</sub>BrF<sub>3</sub></b>	4-Bromo-1,1,2-trifluorobut-1-ene	0178
<b>C<sub>4</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>5</sub></b>	3,4-Dibromo-1,1,1,2,2-pentafluorobutane	1318	<b>C<sub>4</sub>H<sub>4</sub>BrF<sub>3</sub>O</b>	3-Bromo-1,1,1-trifluorobutan-2-one	1684
<b>C<sub>4</sub>H<sub>3</sub>Br<sub>3</sub>F<sub>4</sub></b>	1,2,4-Tribromo-3,3,4,4-tetrafluorobutane	1012	<b>C<sub>4</sub>H<sub>4</sub>BrF<sub>3</sub>O<sub>2</sub></b>	2-Bromo-4,4,4-trifluorobutyric acid	1685
<b>C<sub>4</sub>H<sub>3</sub>ClF<sub>4</sub>O<sub>2</sub></b>	Methyl 3-chlorotetrafluoropropionate	0595	<b>C<sub>4</sub>H<sub>4</sub>BrF<sub>4</sub>I</b>	1-Bromo-4-iodo-1,1,2,2-tetrafluorobutane	1675
	Methyl 2-chlorotetrafluoropropionate	1402	<b>C<sub>4</sub>H<sub>4</sub>BrF<sub>5</sub></b>	4-Bromo-1,1,1,2,2-pentafluorobutane	1335
<b>C<sub>4</sub>H<sub>3</sub>ClF<sub>6</sub>O</b>	Chloromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)	1567	<b>C<sub>4</sub>H<sub>4</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,4-dibromo-1,1,2-trifluorobutane	0191
<b>C<sub>4</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub></b>	3,4-Dichloro-3,4,4-trifluorobut-1-ene	0311	<b>C<sub>4</sub>H<sub>4</sub>Br<sub>2</sub>F<sub>4</sub></b>	1,4-Dibromo-1,1,2,2-tetrafluorobutane	0288
<b>C<sub>4</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub>O</b>	Methyl 2,3-dichlorotrifluoropropionate	1159	<b>C<sub>4</sub>H<sub>4</sub>ClF<sub>3</sub></b>	4-Chloro-1,1,2-trifluorobut-1-ene	0261
<b>C<sub>4</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>S</b>	2-Amino-4-trifluoromethyl-1,3-thiazole	1250	<b>C<sub>4</sub>H<sub>4</sub>ClF<sub>3</sub>O<sub>2</sub></b>	1-Chloro-2,2,2-trifluoroethyl acetate	1878
<b>C<sub>4</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub></b>	Methyl trifluoroacrylate	0621	<b>C<sub>4</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>3</sub>I</b>	1,2-Dichloro-4-iodo-1,1,2-trifluorobutane	0313
	4,4,4-Trifluorocrotonic acid	1060	<b>C<sub>4</sub>H<sub>4</sub>Cl<sub>3</sub>F<sub>3</sub></b>	1,2,4-Trichloro-1,1,2-trifluorobutane	1019
	2-(Trifluoromethyl)acrylic acid	1313	<b>C<sub>4</sub>H<sub>4</sub>F<sub>3</sub>IO</b>	2-Iodo-4,4,4-trifluorobut-2-en-1-ol	0574
<b>C<sub>4</sub>H<sub>3</sub>F<sub>3</sub>O<sub>3</sub></b>	Methyl trifluoropyruvate	0623	<b>C<sub>4</sub>H<sub>4</sub>F<sub>3</sub>N</b>	4,4,4-Trifluorobutyronitrile	1134
<b>C<sub>4</sub>H<sub>3</sub>F<sub>5</sub></b>	3,3,4,4,4-Pentafluorobut-1-ene	0692	<b>C<sub>4</sub>H<sub>4</sub>F<sub>3</sub>NO</b>	2-Hydroxy-2-(trifluoromethyl)propionitrile	1039
<b>C<sub>4</sub>H<sub>3</sub>F<sub>5</sub>O</b>	Methyl pentafluoroethyl ketone	1166		4,4,4-Trifluorocrotonamide	1303
<b>C<sub>4</sub>H<sub>3</sub>F<sub>5</sub>O<sub>2</sub></b>	Methyl pentafluoropropionate	0603		2-Hydroxy-4,4,4-trifluorobutyronitrile	1504
<b>C<sub>4</sub>H<sub>3</sub>F<sub>7</sub>N<sub>2</sub></b>	Heptafluorobutanamidine	1534	<b>C<sub>4</sub>H<sub>4</sub>F<sub>4</sub>O</b>	3,3,4,4-Tetrafluorobutan-2-one	0931
<b>C<sub>4</sub>H<sub>3</sub>F<sub>7</sub>O</b>	2,2,3,3,4,4,4-Heptafluorobutan-1-ol	0419	<b>C<sub>4</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub></b>	Methyl 2,3,3,3-tetrafluoropropionate	0617
	Fluoromethyl	0582		Methyl 2,2,3,3-tetrafluoropropionate	1256
	1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)		<b>C<sub>4</sub>H<sub>4</sub>F<sub>4</sub>O<sub>3</sub></b>	3-(Methoxy)tetrafluoropropionic acid, 90%	1884
	1,1,2,2-Tetrafluoroethyl	1202	<b>C<sub>4</sub>H<sub>4</sub>F<sub>5</sub>I</b>	4-Iodo-1,1,1,2,2-pentafluorobutane	0525
	2,2,2-trifluoroethyl ether		<b>C<sub>4</sub>H<sub>4</sub>F<sub>6</sub>O</b>	2,2,3,4,4,4-Hexafluorobutan-1-ol	0478
	Methyl heptafluoropropyl ether	1558		Hexafluoro-2-methylisopropanol	0490
	Difluoromethyl	1561		1,1,2,3,3,3-Hexafluoropropyl methyl ether	0501
	2,2,3,3,3-pentafluoropropyl ether			Methyl 1,1,1,3,3,3-hexafluoroisopropyl ether	1566
	Heptafluoroisopropyl methyl ether	1928		2,2,3,3,4,4-Hexafluorobutan-1-ol	1862
<b>C<sub>4</sub>H<sub>3</sub>F<sub>7</sub>O<sub>2</sub></b>	Heptafluorobutyraldehyde hydrate	0424	<b>C<sub>4</sub>H<sub>4</sub>F<sub>7</sub>N</b>	2,2,3,3,4,4,4-Heptafluorobutylamine	0744
<b>C<sub>4</sub>H<sub>3</sub>F<sub>7</sub>O<sub>3</sub>S</b>	2,2,3,3-Tetrafluoropropyl trifluoromethanesulfonate	1461	<b>C<sub>4</sub>H<sub>5</sub>BrClF<sub>3</sub></b>	1-Bromo-2-chloro-1,1,2-trifluorobutane	1670
<b>C<sub>4</sub>H<sub>4</sub>BrClF<sub>4</sub></b>	1-Bromo-4-chloro-1,1,2,2-tetrafluorobutane	0101			
<b>C<sub>4</sub>H<sub>4</sub>BrCl<sub>2</sub>F<sub>3</sub></b>	4-Bromo-1,2-dichloro-1,1,2-trifluorobutane	0112			

## Molecular Formula Index

**C<sub>4</sub>**

<b>C<sub>4</sub>H<sub>5</sub>BrF<sub>2</sub>O<sub>2</sub></b>	Ethyl bromodifluoroacetate	0363	<b>C<sub>4</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub></b>	Pentafluoropropionaldehyde methyl hemiacetal	0722
<b>C<sub>4</sub>H<sub>5</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluorobutane	1865	<b>C<sub>4</sub>H<sub>6</sub>BrF<sub>3</sub></b>	1-Bromo-4,4,4-trifluorobutane	0177
<b>C<sub>4</sub>H<sub>5</sub>ClF<sub>2</sub>O<sub>2</sub></b>	Ethyl chlorodifluoroacetate	0365		2-Bromo-4,4,4-trifluorobutane	1683
<b>C<sub>4</sub>H<sub>5</sub>ClF<sub>4</sub>O</b>	Chloromethyl 2,2,3,3-tetrafluoropropyl ether	1292	<b>C<sub>4</sub>H<sub>6</sub>ClF<sub>3</sub></b>	4-Chloro-1,1,1-trifluorobutane	1693
<b>C<sub>4</sub>H<sub>5</sub>Cl<sub>2</sub>FO<sub>2</sub></b>	Ethyl dichlorofluoroacetate	1288	<b>C<sub>4</sub>H<sub>6</sub>ClF<sub>3</sub>O</b>	Ethyl 2-chloro-1,1,2-trifluoroethyl ether	0264
<b>C<sub>4</sub>H<sub>5</sub>Cl<sub>2</sub>F<sub>3</sub>O</b>	2-Chloroethyl 2-chloro-1,1,2-trifluoroethyl ether	0205	<b>C<sub>4</sub>H<sub>6</sub>F<sub>2</sub>O<sub>2</sub></b>	Ethyl difluoroacetate	0369
<b>C<sub>4</sub>H<sub>5</sub>F<sub>2</sub>IO<sub>2</sub></b>	Ethyl iododifluoroacetate	0371		2,2-Difluoroethyl acetate	1390
<b>C<sub>4</sub>H<sub>5</sub>F<sub>3</sub></b>	1,1,1-Trifluorobut-2-ene	1055	<b>C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>I</b>	3-Iodo-1,1,1-trifluorobutane	0573
	1,1,2-Trifluorobut-1-ene	1056		1-Iodo-4,4,4-trifluorobutane	1217
<b>C<sub>4</sub>H<sub>5</sub>F<sub>3</sub>O</b>	Ethyl trifluorovinyl ether	0397	<b>C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	4,4,4-Trifluorobutyramide	1081
	1,1,1-Trifluorobutan-2-one	1053	<b>C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>2</sub></b>	3-Hydroxy-4,4,4-trifluorobutyramide	0519
	4,4,4-Trifluorobutan-2-one	1054		N-Methoxy-N-methyltrifluoroacetamide	0584
	4,4,4-Trifluorobut-2-en-1-ol	1057		3-Amino-4,4,4-trifluorobutyric acid	1294
	(2,2,2-Trifluoroethyl)oxirane, 98%	1076	<b>C<sub>4</sub>H<sub>6</sub>F<sub>4</sub>O</b>	Ethyl 1,1,2,2-tetrafluoroethyl ether	0389
	1-Methoxy-3,3,3-trifluoropropene	1160		Methyl 2,2,3,3-tetrafluoropropyl ether	0618
	1,1,2-Trifluorobut-1-en-4-ol	1801	<b>C<sub>4</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	2,2,3,3-Tetrafluorobutane-1,4-diol	1784
<b>C<sub>4</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub></b>	Ethyl trifluoroacetate	0391	<b>C<sub>4</sub>H<sub>7</sub>Cl<sub>2</sub>F<sub>3</sub>Si</b>	(3,3,3-Trifluoropropyl) methyldichlorosilane	1933
	4,4,4-Trifluorobutyric acid	1059	<b>C<sub>4</sub>H<sub>7</sub>F<sub>3</sub></b>	1,1,1-Trifluorobutane	1478
	2,2,2-Trifluoroethyl acetate	1070	<b>C<sub>4</sub>H<sub>7</sub>F<sub>3</sub>O</b>	4,4,4-Trifluorobutan-1-ol	1052
	Methyl 3,3,3-trifluoropropionate	1268		2-(Trifluoromethyl)propan-2-ol	1231
<b>C<sub>4</sub>H<sub>5</sub>F<sub>3</sub>O<sub>3</sub></b>	3-Hydroxy-2-(trifluoromethyl)propionic acid	0517		1,1,1-Trifluorobutan-2-ol	1799
	Methyl 3,3,3-trifluoro-DL-lactate	1748		4,4,4-Trifluorobutan-2-ol	1800
	2-Hydroxy-2-(trifluoromethyl)propionic acid	1131	<b>C<sub>4</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub></b>	Trifluoroacetaldehyde dimethyl acetal	1031
<b>C<sub>4</sub>H<sub>5</sub>F<sub>5</sub>O</b>	3,3,4,4,4-Pentafluorobutan-1-ol	0690		Trifluoroacetaldehyde ethyl hemiacetal (tech.)	1032
	3,3,4,4,4-Pentafluorobutan-2-ol	0691	<b>C<sub>4</sub>H<sub>7</sub>F<sub>4</sub>N</b>	N,N-Dimethyl-1,1,2,2-tetrafluoroethylamine	1890
	Fluoromethyl 2,2,3,3-tetrafluoropropyl ether	1293	<b>C<sub>4</sub>H<sub>8</sub>F<sub>3</sub>N</b>	4,4,4-Trifluorobutylamine	1195
	Ethyl pentafluoroethyl ether	1554	<b>C<sub>4</sub>H<sub>9</sub>BrF<sub>2</sub>Si</b>	Trimethyl(bromodifluoromethyl)silane	1222
	Methyl 2,2,3,3,3-pentafluoropropyl ether	1560	<b>C<sub>4</sub>H<sub>9</sub>ClF<sub>3</sub>N</b>	4,4,4-Trifluorobutylamine hydrochloride	1804



<b>C<sub>4</sub>H<sub>9</sub>F</b>	1-Fluorobutane	0402	<b>C<sub>5</sub>F<sub>13</sub>N</b>	Perfluoro(diethylmethylamine)	1891
	2-Fluorobutane	1870	<b>C<sub>5</sub>HBrF<sub>8</sub>O</b>	5H-Octafluoropentanoyl bromide	0866
<b>C<sub>4</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub>SSi</b>	Trimethylsilyl trifluoromethanesulfonate	1597	<b>C<sub>5</sub>HCIF<sub>8</sub>O</b>	5H-Octafluoropentanoyl chloride	0868
<b>C<sub>4</sub>H<sub>9</sub>F<sub>3</sub>Si</b>	Trimethyl(trifluoromethyl)silane	1111	<b>C<sub>5</sub>HCIF<sub>8</sub>O<sub>2</sub></b>	5-Chlorooctafluoropentanoic acid	0225
<b>C<sub>4</sub>H<sub>10</sub>F<sub>2</sub>Si</b>	(Difluoromethyl)trimethylsilane	1860	<b>C<sub>5</sub>HF<sub>3</sub>O<sub>3</sub></b>	(Trifluoromethyl)maleic anhydride	1084
<b>C<sub>5</sub>BrF<sub>9</sub>O</b>	Nonafluoropentanoyl bromide	0867	<b>C<sub>5</sub>HF<sub>4</sub>N</b>	2,3,5,6-Tetrafluoropyridine	1263
	5-Chlorooctafluoropentanoyl fluoride	0242	<b>C<sub>5</sub>HF<sub>7</sub></b>	3,3,4,4,5,5,5-Heptafluoropent-1-yne	0463
	Nonafluoropentanoyl chloride	0869		3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-yne	1002
<b>C<sub>5</sub>Cl<sub>2</sub>F<sub>8</sub>O</b>	5-Chlorooctafluoropentanoyl chloride	0241	<b>C<sub>5</sub>HF<sub>7</sub>O</b>	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-yne	0989
<b>C<sub>5</sub>Cl<sub>2</sub>F<sub>8</sub>O<sub>2</sub></b>	2,2-Bis(trifluoromethyl)-4,5-dichloro-4,5-difluoro-1,3-dioxolane	1823	<b>C<sub>5</sub>HF<sub>7</sub>O<sub>2</sub></b>	Heptafluoropent-2-enoic acid	0440
	2,2-Bis(trifluoromethyl)tetrachloro-1,3-dioxolane	1122	<b>C<sub>5</sub>HF<sub>8</sub>KO<sub>2</sub></b>	Potassium 5H-octafluoropentanoate	1957
	2-Pentafluoroethyl-4,5-dichloro-2,4,5-trifluoro-1,3-dioxolane, 94%	1898	<b>C<sub>5</sub>HF<sub>8</sub>N</b>	2,2,3,3,4,4,5,5-Octafluoropentanenitrile	1985
<b>C<sub>5</sub>F<sub>5</sub>N</b>	Pentafluoropyridine	1581	<b>C<sub>5</sub>HF<sub>8</sub>NaO<sub>2</sub></b>	Sodium 5H-octafluoropentanoate	1779
<b>C<sub>5</sub>F<sub>8</sub>O<sub>2</sub></b>	Perfluoro(2,2-dimethyl-1,3-dioxole)	0777	<b>C<sub>5</sub>HF<sub>9</sub>O</b>	5H-Octafluoropentanoyl fluoride	0870
	Perfluoro(2-ethyl-1,3-dioxole)	1836		Nonafluoropentanal	1912
<b>C<sub>5</sub>F<sub>9</sub>I</b>	1-Iodononfluoro(3-methylbut-1-ene)	0542	<b>C<sub>5</sub>HF<sub>9</sub>O<sub>2</sub></b>	Nonafluoropentanoic acid	0862
<b>C<sub>5</sub>F<sub>9</sub>KO<sub>2</sub></b>	Potassium nonafluoropentanoate	1152		1,1,1,3,3,3-Hexafluoroisopropyl trifluoroacetate, 99%+	1264
<b>C<sub>5</sub>F<sub>9</sub>KO<sub>5</sub>S</b>	Potassium 5-fluorosulfonylperfluoro(2-methyl-3-oxapentanoate)	1982		2,2-Bis(trifluoromethyl)propionic acid	1668
<b>C<sub>5</sub>F<sub>9</sub>N</b>	Nonafluoropentanenitrile	0860	<b>C<sub>5</sub>HF<sub>11</sub>O</b>	Octafluoro-2-(trifluoromethyl)butan-2-ol	1752
<b>C<sub>5</sub>F<sub>9</sub>NaO<sub>2</sub></b>	Sodium nonafluoropentanoate	1164	<b>C<sub>5</sub>H<sub>2</sub>BrF<sub>7</sub></b>	2-Bromo-3,3,4,4,5,5,5-heptafluoropent-1-ene	0122
<b>C<sub>5</sub>F<sub>10</sub>O</b>	Heptafluoropropyl trifluorovinyl ether	0880		2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0173
	Heptafluoroisopropyl trifluoromethyl ketone	1234	<b>C<sub>5</sub>H<sub>2</sub>BrF<sub>7</sub>O</b>	2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0172
	Nonafluoropentanoyl fluoride	1428	<b>C<sub>5</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>7</sub></b>	4,4,5-Tribromo-1,1,1,2,2,3,3-heptafluoropentane	1330
	Perfluoro(isopropyl vinyl)ether	1916	<b>C<sub>5</sub>H<sub>2</sub>ClF<sub>7</sub></b>	2-Chloro-3,3,4,4,5,5,5-heptafluoropent-1-ene	0207
<b>C<sub>5</sub>F<sub>10</sub>O<sub>3</sub>S</b>	Perfluoro-2-(fluorosulfonyl)pentanoyl fluoride	1610		2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0259
<b>C<sub>5</sub>F<sub>10</sub>O<sub>4</sub>S</b>	5-Fluorosulfonylperfluoro(2-methyl-3-oxapentanoyl) fluoride	1467	<b>C<sub>5</sub>H<sub>2</sub>ClF<sub>7</sub>O</b>	2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0258
<b>C<sub>5</sub>F<sub>11</sub>IO</b>	1-Iodo-1-(heptafluoropropoxy)tetrafluoroethane	0554	<b>C<sub>5</sub>H<sub>2</sub>F<sub>3</sub>N</b>	2,4,6-Trifluoropyridine	1262
<b>C<sub>5</sub>F<sub>12</sub>O</b>	Heptafluoropropyl pentafluoroethyl ether	1966	<b>C<sub>5</sub>H<sub>2</sub>F<sub>3</sub>NO</b>	2-Hydroxy-3,5,6-trifluoropyridine	1735

## Molecular Formula Index

**C<sub>5</sub>**

<b>C<sub>5</sub>H<sub>2</sub>F<sub>6</sub>N<sub>2</sub></b>	3,5-Bis(trifluoromethyl)pyrazole	0094		2,2,3,3,3-Pentafluoropropyl	1562
<b>C<sub>5</sub>H<sub>2</sub>F<sub>6</sub>O</b>	4,4,4-Trifluoro-3-(trifluoromethyl)crotonal	1221		1,1,2,2-tetrafluoroethyl ether	
<b>C<sub>5</sub>H<sub>2</sub>F<sub>6</sub>O<sub>2</sub></b>	1,1,1,5,5,5-Hexafluoroacetylacetone	0475	<b>C<sub>5</sub>H<sub>3</sub>F<sub>9</sub>O<sub>2</sub></b>	2,2-Bis(trifluoromethyl)-3,3,3-trifluoropropan-1-ol, 95%	1945
	4,4,4-Trifluoro-3-(trifluoromethyl)crotonic acid	1104		Perfluoropentanal hydrate	0858
<b>C<sub>5</sub>H<sub>2</sub>F<sub>8</sub>O</b>	5H-Octafluoropentanal	0857	<b>C<sub>5</sub>H<sub>4</sub>BrF<sub>3</sub>N<sub>2</sub></b>	4-Bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0130
<b>C<sub>5</sub>H<sub>2</sub>F<sub>8</sub>O<sub>2</sub></b>	5H-Octafluoropentanoic acid	0861	<b>C<sub>5</sub>H<sub>4</sub>BrF<sub>7</sub></b>	1-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)butane	1299
<b>C<sub>5</sub>H<sub>2</sub>F<sub>9</sub>I</b>	1-Iodo-1H,1H-nonafluoropentane	1643		5-Bromo-1,1,1,2,2,3,3-heptafluoropentane	1336
<b>C<sub>5</sub>H<sub>2</sub>F<sub>9</sub>NO</b>	Nonafluoropentanamide	1417	<b>C<sub>5</sub>H<sub>4</sub>ClF<sub>3</sub>N<sub>2</sub></b>	4-Chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0222
<b>C<sub>5</sub>H<sub>2</sub>F<sub>10</sub>O<sub>3</sub>S</b>	1H,1H-Heptafluorobutyl trifluoromethanesulfonate	1460	<b>C<sub>5</sub>H<sub>4</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub></b>	5(3)-Methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole	0627
<b>C<sub>5</sub>H<sub>3</sub>BrClF<sub>3</sub>O<sub>2</sub></b>	5-Bromo-4-chloro-4,5,5-trifluoropent-2-enoic acid	0108	<b>C<sub>5</sub>H<sub>4</sub>F<sub>4</sub>N<sub>2</sub></b>	3,5-Bis(difluoromethyl)-1H-pyrazole	1871
<b>C<sub>5</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>7</sub></b>	4,5-Dibromo-1,1,1,2,2,3,3-heptafluoropentane	1319	<b>C<sub>5</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub></b>	1,1,5,5-Tetrafluoroacetylacetone	0964
<b>C<sub>5</sub>H<sub>3</sub>ClF<sub>8</sub>O</b>	5-Chloro-1H,1H-octafluoropentan-1-ol	1412	<b>C<sub>5</sub>H<sub>4</sub>F<sub>5</sub>N</b>	3,3,4,4,4-Pentafluoropentanenitrile	1484
<b>C<sub>5</sub>H<sub>3</sub>FN<sub>2</sub>O<sub>4</sub>•H<sub>2</sub>O</b>	5-Fluoroorotic acid monohydrate	0413	<b>C<sub>5</sub>H<sub>4</sub>F<sub>6</sub>O</b>	3,3,4,5,5,5-Hexafluoropentan-2-one	0492
<b>C<sub>5</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O</b>	N-(Trifluoroacetyl)imidazole	1045		2-Vinylhexafluoroisopropanol	1447
<b>C<sub>5</sub>H<sub>3</sub>F<sub>6</sub>NO<sub>2</sub></b>	N-Methyl-bis(trifluoroacetamide)	1398	<b>C<sub>5</sub>H<sub>4</sub>F<sub>6</sub>O<sub>2</sub></b>	Methyl 3,3,3-trifluoro-2-(trifluoromethyl)propionate	0624
<b>C<sub>5</sub>H<sub>3</sub>F<sub>7</sub></b>	3,3,4,4,5,5,5-Heptafluoropent-1-ene	0462		Methyl 2,2,3,4,4,4-hexafluorobutyrate	1384
	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-ene	1001		4,4,4-Trifluoro-3-(trifluoromethyl)butyric acid	1405
<b>C<sub>5</sub>H<sub>3</sub>F<sub>7</sub>O</b>	3,3,4,4,5,5,5-Heptafluoropentanal	0457		2,2-Bis(trifluoromethyl)-1,3-dioxolane	1824
	Methyl heptafluoropropyl ketone	0461		Methyl 2,2,3,3,4,4-hexafluorobutyrate	1864
	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-ene	0988	<b>C<sub>5</sub>H<sub>4</sub>F<sub>6</sub>O<sub>3</sub></b>	4,4,4-Trifluoro-3-hydroxy-3-(trifluoromethyl)butyric acid	1078
	2,2-Bis(trifluoromethyl)propionyl fluoride	1825	<b>C<sub>5</sub>H<sub>4</sub>F<sub>7</sub>I</b>	1,1,1,2,2,3,3-Heptafluoro-5-iodopentane	0450
<b>C<sub>5</sub>H<sub>3</sub>F<sub>7</sub>O<sub>2</sub></b>	Methyl heptafluorobutyrate	0598		4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)butane	0564
	Methyl heptafluoroisobutyrate	0599	<b>C<sub>5</sub>H<sub>4</sub>F<sub>7</sub>IO</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)butane	0558
	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butanoic acid	1861	<b>C<sub>5</sub>H<sub>4</sub>F<sub>8</sub>O</b>	1H,1H,5H-Octafluoropentan-1-ol	0864
<b>C<sub>5</sub>H<sub>3</sub>F<sub>8</sub>I</b>	1-Iodo-1H,1H,5H-octafluoropentane	0551		1,1,2,2-Tetrafluoroethyl	0950
<b>C<sub>5</sub>H<sub>3</sub>F<sub>9</sub>O</b>	1H,1H-Nonafluoropentan-1-ol	0865	<b>C<sub>5</sub>H<sub>4</sub>F<sub>8</sub>O<sub>2</sub></b>	2,2,3,3-tetrafluoropropyl ether	
	1,1,2,3,3,3-Hexafluoropropyl	1128		5H-Octafluoropentanal hydrate	0859
	2,2,2-trifluoroethyl ether		<b>C<sub>5</sub>H<sub>4</sub>F<sub>9</sub>N</b>	1H,1H-Nonafluoropentylamine	0877
	Methyl nonafluorobutyl ether	1559	<b>C<sub>5</sub>H<sub>5</sub>BrClF<sub>3</sub></b>	5-Bromo-4-chloro-4,4,5-trifluoropent-2-ene	0107
			<b>C<sub>5</sub>H<sub>5</sub>BrClF<sub>3</sub>O</b>	5-Bromo-4-chloro-4,5,5-trifluoropent-2-en-1-ol	0109

	(3-Bromo-2-chloro-2,3,3-trifluoropropyl) oxirane	0110	<b>C<sub>5</sub>H<sub>5</sub>F<sub>6</sub>I</b>	4-Iodo-1,1,1-trifluoro-2-(trifluoromethyl) butane	1186
<b>C<sub>5</sub>H<sub>5</sub>BrClF<sub>3</sub>O<sub>2</sub></b>	5-Bromo-4-chloro-4,5,5-trifluoropentanoic acid	0105	<b>C<sub>5</sub>H<sub>5</sub>F<sub>6</sub>NO<sub>2</sub></b>	4,4,4,4',4'-Hexafluoro-DL-valine	0810
<b>C<sub>5</sub>H<sub>5</sub>BrF<sub>4</sub>O<sub>2</sub></b>	5-Bromo-4,4,5,5-tetrafluoropentanoic acid	0162	<b>C<sub>5</sub>H<sub>5</sub>F<sub>7</sub>O</b>	3,3,4,4,5,5,5-Heptafluoropentanol	0459
	Ethyl 2-bromotetrafluoropropionate	0364		3,3,4,4,5,5,5-Heptafluoropentanol	0460
<b>C<sub>5</sub>H<sub>5</sub>BrF<sub>6</sub></b>	4-Bromo-1,1,1-trifluoro-2-(trifluoromethyl)butane	1181		3,4,4,4-Tetrafluoro-3-(trifluoromethyl) butanol	1000
<b>C<sub>5</sub>H<sub>5</sub>ClF<sub>3</sub>O</b>	2-Methyl-4,4,4-trifluorobutyryl chloride	1637		Methyl 1H,1H-heptafluorobutyl ether	1592
<b>C<sub>5</sub>H<sub>5</sub>ClF<sub>4</sub>O<sub>2</sub></b>	Ethyl 2-chlorotetrafluoropropionate	0366	<b>C<sub>5</sub>H<sub>5</sub>F<sub>7</sub>O<sub>2</sub></b>	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy) butanol	1228
	Ethyl 3-chlorotetrafluoropropionate	0367		Heptafluorobutanal methyl hemiacetal	1852
<b>C<sub>5</sub>H<sub>5</sub>ClF<sub>6</sub>O</b>	2-Chloroethyl 1,1,2,3,3,3-hexafluoropropyl ether	0206	<b>C<sub>5</sub>H<sub>6</sub>BrF<sub>4</sub>IO</b>	5-Bromo-2-iodo-4,4,5,5-tetrafluoropentanol	1434
<b>C<sub>5</sub>H<sub>5</sub>Cl<sub>3</sub>O<sub>2</sub></b>	2,2,2-Trichloroethyl acrylate	1014	<b>C<sub>5</sub>H<sub>6</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,4-dibromo-1,1,2-trifluoropentane	0195
<b>C<sub>5</sub>H<sub>5</sub>F<sub>3</sub></b>	1,1,2-Trifluoropenta-1,4-diene	1522	<b>C<sub>5</sub>H<sub>6</sub>Br<sub>2</sub>ClF<sub>3</sub>O</b>	4-Chloro-2,5-dibromo-4,5,5-trifluoropentanol	0196
<b>C<sub>5</sub>H<sub>5</sub>F<sub>3</sub>N<sub>2</sub></b>	5(3)-Methyl-3(5)-(trifluoromethyl) pyrazole	0641	<b>C<sub>5</sub>H<sub>6</sub>ClF<sub>3</sub>O</b>	Allyl 2-chloro-1,1,2-trifluoroethyl ether	1577
<b>C<sub>5</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub></b>	Allyl trifluoroacetate	0037	<b>C<sub>5</sub>H<sub>6</sub>ClF<sub>3</sub>O<sub>2</sub></b>	3-(2-Chloro-1,1,2-trifluoroethoxy)-1,2-propeneoxide	1634
	Methyl 4,4,4-trifluorocrotonate	0622	<b>C<sub>5</sub>H<sub>6</sub>F<sub>2</sub>N<sub>2</sub></b>	3(5)-Difluoromethyl-5(3)-methylpyrazole	0334
	2,2,2-Trifluoroethyl acrylate	1071	<b>C<sub>5</sub>H<sub>6</sub>F<sub>2</sub>O<sub>2</sub></b>	1,1-Difluoroacetylacetone	0326
	1,1,1-Trifluoroacetylacetone	1090	<b>C<sub>5</sub>H<sub>6</sub>F<sub>2</sub>O<sub>4</sub></b>	Dimethyl difluoromalonate	1305
	4,5,5-Trifluoropent-4-enoic acid	1093	<b>C<sub>5</sub>H<sub>6</sub>F<sub>3</sub>N</b>	5,5,5-Trifluorovaleronitrile	1197
	5,5,5-Trifluoropent-2-enoic acid	1102	<b>C<sub>5</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	2-Hydroxy-2-(trifluoromethyl)butyronitrile	1204
	3-(Trifluoromethyl)crotonic acid	1285	<b>C<sub>5</sub>H<sub>6</sub>F<sub>4</sub>O</b>	Allyl 1,1,2,2-tetrafluoroethyl ether	0036
	Methyl 2-(trifluoromethyl)acrylate	1429	<b>C<sub>5</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	Ethyl 2,3,3,3-tetrafluoropropionate	0390
<b>C<sub>5</sub>H<sub>5</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl trifluoropyruvate	0394		3-(1,1,2,2-Tetrafluoroethoxy)-1,2-propenoxide	0943
	Methyl 4,4,4-trifluoroacetoacetate	0620		2,2,3,3-Tetrafluoropropyl acetate	1283
<b>C<sub>5</sub>H<sub>5</sub>F<sub>5</sub>O</b>	Ethyl pentafluoroethyl ketone	1541		Ethyl 2,2,3,3-tetrafluoropropionate	1725
	4,4,5,5,5-Pentafluoropent-2-en-1-ol	1851	<b>C<sub>5</sub>H<sub>6</sub>F<sub>4</sub>O<sub>3</sub></b>	Methyl 2-methoxytetrafluoropropionate	0600
<b>C<sub>5</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub></b>	Ethyl pentafluoropropionate	0380		Methyl 3-methoxytetrafluoropropionate	1854
	4,4,5,5,5-Pentafluoropentanoic acid	1168	<b>C<sub>5</sub>H<sub>6</sub>F<sub>5</sub>I</b>	4-Iodo-1,1,2,2,2-pentafluoropentane	1739
	1,3-Difluoroprop-2-yl trifluoroacetate	1885	<b>C<sub>5</sub>H<sub>6</sub>F<sub>5</sub>IO</b>	2-Iodo-4,4,5,5,5-pentafluoropentanol	1740
	2-Pentafluoroethyl-1,3-dioxolane	1915	<b>C<sub>5</sub>H<sub>6</sub>F<sub>6</sub>O</b>	3,3,4,5,5,5-Hexafluoropentanol	0491

## Molecular Formula Index

**C<sub>5</sub>C<sub>6</sub>**

	4,4,4-Trifluoro-3-(trifluoromethyl)butan-1-ol	1173	<b>C<sub>5</sub>H<sub>8</sub>F<sub>3</sub>NO<sub>2</sub></b>	Methyl 3-amino-4,4,4-trifluorobutyrate	1832
	Ethyl 1,1,2,3,3,3-hexafluoropropyl ether	1563	<b>C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O</b>	5,5,5-Trifluoropentan-1-ol	1091
<b>C<sub>5</sub>H<sub>6</sub>F<sub>6</sub>O<sub>2</sub></b>	2-(1,1,1,3,3,3-Hexafluoroisopropoxy) ethanol	1444	<b>C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub></b>	2-Methyl-4,4,4-trifluorobutan-1-ol	1255
<b>C<sub>5</sub>H<sub>7</sub>BrClF<sub>3</sub>O</b>	5-Bromo-4-chloro-4,5,5-trifluoropentan-1-ol	0106		3,3,3-Trifluoropropanal dimethylacetal	1810
<b>C<sub>5</sub>H<sub>7</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluoropentane	0161	<b>C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>Si</b>	Trimethylsilyl trifluoroacetate	1815
<b>C<sub>5</sub>H<sub>7</sub>BrF<sub>4</sub>O</b>	5-Bromo-4,4,5,5-tetrafluoropentan-1-ol	0163	<b>C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>4</sub>SSi</b>	Trimethylsilyl 2-(fluorosulfonyl) difluoroacetate	1930
<b>C<sub>5</sub>H<sub>7</sub>Cl<sub>2</sub>F<sub>3</sub></b>	1,2-Dichloro-1,1,2-trifluoropentane	0317	<b>C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>Si</b>	Dimethyl(trifluoromethyl)(vinyl)silane	1309
<b>C<sub>5</sub>H<sub>7</sub>FO<sub>2</sub></b>	2-Fluoroethyl acrylate	1829	<b>C<sub>5</sub>H<sub>9</sub>F<sub>5</sub>Si</b>	Trimethyl(pentafluoroethyl)silane	1311
<b>C<sub>5</sub>H<sub>7</sub>F<sub>3</sub></b>	1,1,2-Trifluoropent-1-ene	1092	<b>C<sub>5</sub>H<sub>10</sub>BrF</b>	1-Bromo-5-fluoropentane	1858
<b>C<sub>5</sub>H<sub>7</sub>F<sub>3</sub>O</b>	4,5,5-Trifluoropent-4-en-1-ol	1094	<b>C<sub>5</sub>H<sub>10</sub>F<sub>3</sub>N</b>	2-Amino-3-methyl-1,1,1-trifluorobutane	1822
	Allyl 2,2,2-trifluoroethyl ether	1572	<b>C<sub>5</sub>H<sub>11</sub>F</b>	1-Fluoropentane	0411
<b>C<sub>5</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub></b>	Isopropyl trifluoroacetate	0580	<b>C<sub>6</sub>BrCl<sub>2</sub>F<sub>3</sub></b>	1-Bromo-3,5-dichloro-2,4,6-trifluorobenzene	0111
	2-Methyl-4,4,4-trifluorobutyric acid	1158	<b>C<sub>6</sub>BrF<sub>5</sub></b>	Bromopentafluorobenzene	0133
	Ethyl 3,3,3-trifluoropropionate	1269	<b>C<sub>6</sub>BrF<sub>11</sub></b>	1-Bromoperfluorocyclohexane	0139
	3-Methyl-4,4,4-trifluorobutyric acid	1653	<b>C<sub>6</sub>BrF<sub>11</sub>O<sub>2</sub></b>	Perfluoro(2-methyl-3-oxahexanoyl) bromide	0819
	1,1,1-Trifluoroisopropyl acetate	1805	<b>C<sub>6</sub>BrF<sub>13</sub></b>	1-Bromoperfluorohexane	0142
	5,5,5-Trifluoropentanoic acid	1809		2-Bromoperfluoro(2-methylpentane)	0144
	Methyl 4,4,4-trifluorobutyrate	1834	<b>C<sub>6</sub>Br<sub>2</sub>F<sub>4</sub></b>	1,2-Dibromotetrafluorobenzene	0285
<b>C<sub>5</sub>H<sub>7</sub>F<sub>3</sub>O<sub>3</sub></b>	3-Hydroxy-3-methyl-4,4,4-trifluorobutyric acid	0516		1,3-Dibromotetrafluorobenzene	0286
	Ethyl 3,3,3-trifluoro-DL-lactate	1243		1,4-Dibromotetrafluorobenzene	0287
	2-Hydroxy-2-(trifluoromethyl)butyric acid	1284	<b>C<sub>6</sub>ClF<sub>5</sub></b>	Chloropentafluorobenzene	0228
<b>C<sub>5</sub>H<sub>7</sub>F<sub>5</sub>O</b>	4,4,5,5,5-Pentafluoropentan-1-ol	0699	<b>C<sub>6</sub>ClF<sub>5</sub>O<sub>2</sub>S</b>	Pentafluorobenzenesulfonyl chloride	0677
<b>C<sub>5</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub></b>	Pentafluoropropionaldehyde ethyl hemiacetal (tech.)	1910	<b>C<sub>6</sub>ClF<sub>9</sub>O</b>	Hexafluoro-4-(trifluoromethyl)pent-2-enoyl chloride	0830
<b>C<sub>5</sub>H<sub>9</sub>BrF<sub>2</sub>O<sub>2</sub>Si</b>	Trimethylsilyl bromodifluoroacetate	1936	<b>C<sub>6</sub>ClF<sub>11</sub></b>	Chloroperfluorocyclohexane	1492
<b>C<sub>5</sub>H<sub>8</sub>BrF<sub>3</sub></b>	5-Bromo-1,1,1-trifluoropentane	1297		6-Chloroperfluorohex-1-ene	1614
	1-Bromo-2-methyl-4,4,4-trifluorobutane	1677	<b>C<sub>6</sub>ClF<sub>11</sub>O</b>	(4-Chlorooctafluorobutyl)trifluorooxirane	1621
<b>C<sub>5</sub>H<sub>8</sub>F<sub>3</sub>I</b>	5-Iodo-1,1,1-trifluoropentane	0578	<b>C<sub>6</sub>ClF<sub>11</sub>O<sub>2</sub></b>	Perfluoro(2-methyl-3-oxahexanoyl) chloride	0820
<b>C<sub>5</sub>H<sub>8</sub>F<sub>3</sub>IO</b>	3-Iodo-5,5,5-trifluoropentan-1-ol	1435	<b>C<sub>6</sub>ClF<sub>11</sub>O<sub>3</sub>S</b>	1-(4-Chlorooctafluorobutyl) trifluoroethanesulfonate	1632

<b>C<sub>6</sub>ClF<sub>12</sub>I</b>	1-Chloro-6-iodoperfluorohexane	1488	<b>C<sub>6</sub>F<sub>12</sub></b>	Perfluoro(2-methylpent-2-ene)	0827
<b>C<sub>6</sub>ClF<sub>13</sub></b>	2-Chloro-2-(trifluoromethyl) perfluoropentane	0235		Perfluoro(4-methylpent-2-ene)	0828
	1-Chloroperfluorohexane	1137		Perfluorohex-1-ene	1517
<b>C<sub>6</sub>Cl<sub>2</sub>F<sub>8</sub>O<sub>2</sub></b>	Octafluoroadipoyl dichloride	1420	<b>C<sub>6</sub>F<sub>12</sub>O</b>	Perfluoro(2-methylpentan-3-one)	0824
<b>C<sub>6</sub>Cl<sub>2</sub>F<sub>12</sub></b>	1,6-Dichloroperfluorohexane	0306		(Nonafluorobutyl)trifluorooxirane	1626
	2,3-Dichlorononafluoro-2- (trifluoromethyl)pentane	0307		3,3-Bis(trifluoromethyl)-2-fluoro-2- (pentafluoroethyl)oxirane	1665
<b>C<sub>6</sub>Cl<sub>3</sub>F<sub>3</sub></b>	1,3,5-Trichlorotrifluorobenzene	1018	<b>C<sub>6</sub>F<sub>12</sub>O<sub>2</sub></b>	Perfluoro(2-methyl-3-oxahexanoyl) fluoride	0821
<b>C<sub>6</sub>F<sub>4</sub>I<sub>2</sub></b>	1,2-Diiidotetrafluorobenzene	0342		Nonafluoro-tert-butyl trifluoroacetate	1252
	1,3-Diiidotetrafluorobenzene	1178	<b>C<sub>6</sub>F<sub>12</sub>O<sub>3</sub>S</b>	1-(Nonafluorobutyl)trifluoroethanesultone	1629
	1,4-Diiidotetrafluorobenzene	0343	<b>C<sub>6</sub>F<sub>13</sub>I</b>	1-Iodoperfluorohexane	0539
<b>C<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	Tetrafluoro-1,4-benzoquinone	0923		2-Iodoperfluoro(2-methylpentane)	0545
<b>C<sub>6</sub>F<sub>5</sub>I</b>	Iodopentafluorobenzene	0524	<b>C<sub>6</sub>F<sub>14</sub></b>	Perfluorohexane	0800
<b>C<sub>6</sub>F<sub>5</sub>NO<sub>2</sub></b>	Pentafluoronitrobenzene	0698	<b>C<sub>6</sub>F<sub>14</sub>O<sub>2</sub>S</b>	Perfluorohexanesulfonyl fluoride, 93%	1902
<b>C<sub>6</sub>F<sub>5</sub>NaO<sub>3</sub>S</b>	Sodium pentafluorosulfonate	1968	<b>C<sub>6</sub>F<sub>15</sub>N</b>	Perfluorotriethylamine	1112
<b>C<sub>6</sub>F<sub>6</sub></b>	Hexafluorobenzene 99%	0476	<b>C<sub>6</sub>HBrF<sub>4</sub></b>	1-Bromo-2,3,5,6-tetrafluorobenzene, 99%	0150
	Hexafluorobenzene 99,9%	0495		1-Bromo-2,3,4,5-tetrafluorobenzene	1679
<b>C<sub>6</sub>F<sub>8</sub>K<sub>2</sub>O<sub>4</sub></b>	Potassium octafluoroadipate	1775	<b>C<sub>6</sub>HBrF<sub>4</sub>O</b>	4-Bromotetrafluorophenol	0164
<b>C<sub>6</sub>F<sub>8</sub>N<sub>2</sub></b>	Octafluoroadipodinitrile	0657	<b>C<sub>6</sub>HBrF<sub>12</sub></b>	1-Bromo-6H-perfluorohexane	0143
<b>C<sub>6</sub>F<sub>9</sub>N<sub>3</sub></b>	Tris(trifluoromethyl)-1,3,5-triazine	1261	<b>C<sub>6</sub>HCIF<sub>4</sub></b>	1-Chloro-2,3,5,6-tetrafluorobenzene, 99%	0245
<b>C<sub>6</sub>F<sub>10</sub></b>	Decafluorocyclohexene	0760		1-Chloro-2,3,4,6-tetrafluorobenzene	1213
<b>C<sub>6</sub>F<sub>10</sub>O</b>	Hexafluoro-4-(trifluoromethyl)pent-2- enoyl fluoride	0831	<b>C<sub>6</sub>HCIF<sub>4</sub>O</b>	4-Chlorotetrafluorophenol	0247
	Decafluoro-1,2-epoxycyclohexane	1192	<b>C<sub>6</sub>HCIF<sub>12</sub></b>	1-Chloro-6H-perfluorohexane	0233
	Decafluorocyclohexanone	1193	<b>C<sub>6</sub>HCl<sub>2</sub>F<sub>3</sub></b>	2,4-Dichloro-1,3,5-trifluorobenzene	0309
<b>C<sub>6</sub>F<sub>10</sub>O<sub>2</sub></b>	Octafluoroadipoyl difluoride	0658	<b>C<sub>6</sub>HF<sub>4</sub>I</b>	1-Iodo-2,3,5,6-tetrafluorobenzene	1786
<b>C<sub>6</sub>F<sub>10</sub>O<sub>3</sub></b>	Pentafluoropropionic anhydride	0716	<b>C<sub>6</sub>HF<sub>4</sub>KO</b>	Potassium 2,3,5,6-tetrafluorophenolate	1314
<b>C<sub>6</sub>F<sub>11</sub>I</b>	Iodoperfluorocyclohexane	0534	<b>C<sub>6</sub>HF<sub>4</sub>NO<sub>2</sub></b>	2,3,4,5-Tetrafluoronitrobenzene	0649
<b>C<sub>6</sub>F<sub>11</sub>NO</b>	Perfluoro(2-methyl-3-oxahexanenitrile)	0823		2,3,4,6-Tetrafluoronitrobenzene	1185
<b>C<sub>6</sub>F<sub>11</sub>NaO<sub>2</sub></b>	Sodium perfluorohexanoate	1963	<b>C<sub>6</sub>HF<sub>5</sub></b>	Pentafluorobenzene	0676

## Molecular Formula Index

**C<sub>6</sub>**

<b>C<sub>6</sub>HF<sub>5</sub>O</b>	Pentafluorophenol	0700	<b>C<sub>6</sub>H<sub>2</sub>F<sub>4</sub>S</b>	2,3,5,6-Tetrafluorothiophenol	0986
<b>C<sub>6</sub>HF<sub>5</sub>S</b>	Pentafluorothiophenol	0735	<b>C<sub>6</sub>H<sub>2</sub>F<sub>5</sub>N</b>	2,3,4,5,6-Pentafluoroaniline	0672
<b>C<sub>6</sub>HF<sub>9</sub></b>	3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl) pent-1-yne	0513	<b>C<sub>6</sub>H<sub>2</sub>F<sub>5</sub>NO<sub>2</sub>S</b>	Pentafluorobenzenesulfonamide, 96%	1978
<b>C<sub>6</sub>HF<sub>9</sub>O<sub>2</sub></b>	Hexafluoro-4-(trifluoromethyl)pent-2-enoic acid	0829	<b>C<sub>6</sub>H<sub>2</sub>F<sub>8</sub>O<sub>2</sub></b>	3H,3H-Octafluorohexane-2,4-dione	0801
<b>C<sub>6</sub>HF<sub>11</sub></b>	6H-Perfluorohex-1-ene	1606	<b>C<sub>6</sub>H<sub>2</sub>F<sub>8</sub>O<sub>4</sub></b>	Octafluoroadipic acid	0655
	1H-Perfluorohex-1-ene	1616	<b>C<sub>6</sub>H<sub>2</sub>F<sub>11</sub>NO<sub>2</sub></b>	Perfluoro(2-methyl-3-oxahexan)amide	0822
<b>C<sub>6</sub>HF<sub>11</sub>O</b>	(4H-Octafluorobutyl)trifluorooxirane	1618	<b>C<sub>6</sub>H<sub>2</sub>F<sub>12</sub></b>	1H,6H-Perfluorohexane	0798
	2,3-Difluoro-2-(nonafluorobutyl)oxirane	1623	<b>C<sub>6</sub>H<sub>2</sub>F<sub>12</sub>O<sub>2</sub></b>	Hexafluoro-2,3-bis(trifluoromethyl) butane-2,3-diol	0774
<b>C<sub>6</sub>HF<sub>11</sub>O<sub>3</sub></b>	Perfluoro(2-methyl-3-oxahexanoic) acid	0818	<b>C<sub>6</sub>H<sub>3</sub>BrF<sub>4</sub>N<sub>2</sub></b>	4-Bromotetrafluorophenylhydrazine	0165
<b>C<sub>6</sub>HF<sub>12</sub>I</b>	1-Iodo-6H-perfluorohexane	0540	<b>C<sub>6</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>9</sub></b>	1,2-Dibromo-1H,1H,2H-perfluorohexane	0284
<b>C<sub>6</sub>HF<sub>13</sub></b>	1H-Perfluorohexane	0799	<b>C<sub>6</sub>H<sub>3</sub>ClF<sub>8</sub>O<sub>2</sub></b>	Methyl 5-chlorooctafluoropentanoate	0594
<b>C<sub>6</sub>HF<sub>13</sub>O</b>	Perfluoro(2,3-dimethylbutan-2-ol), 96%	1927	<b>C<sub>6</sub>H<sub>3</sub>F<sub>3</sub></b>	1,3,5-Trifluorobenzene	1048
<b>C<sub>6</sub>H<sub>2</sub>BrF<sub>3</sub></b>	2-Bromo-1,3,5-trifluorobenzene	0175	<b>C<sub>6</sub>H<sub>3</sub>F<sub>4</sub>N</b>	2,3,5,6-Tetrafluoroaniline	0914
	1-Bromo-3,4,5-trifluorobenzene	1363		2,3,4,5-Tetrafluoroaniline	1339
<b>C<sub>6</sub>H<sub>2</sub>BrF<sub>4</sub>N</b>	4-Bromo-2,3,5,6-tetrafluoroaniline	0149		2,3,4,6-Tetrafluoroaniline	1340
<b>C<sub>6</sub>H<sub>2</sub>BrF<sub>9</sub></b>	2-Bromo-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0126	<b>C<sub>6</sub>H<sub>3</sub>F<sub>5</sub>N<sub>2</sub></b>	Pentafluorophenylhydrazine	0709
	2-Bromo-3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene	1329	<b>C<sub>6</sub>H<sub>3</sub>F<sub>5</sub>N<sub>2</sub>O</b>	N-(Pentafluoropropionyl)imidazole	0726
<b>C<sub>6</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>9</sub></b>	1,2,2-Tribromo-1H,1H-perfluorohexane	1011	<b>C<sub>6</sub>H<sub>3</sub>F<sub>6</sub>N<sub>3</sub></b>	Tris(difluoromethyl)-1,3,5-triazine	1816
<b>C<sub>6</sub>H<sub>2</sub>ClF<sub>3</sub></b>	1-Chloro-2,4,6-trifluorobenzene	0260	<b>C<sub>6</sub>H<sub>3</sub>F<sub>7</sub>O<sub>2</sub></b>	Heptafluoroisopropyl acrylate	0454
<b>C<sub>6</sub>H<sub>2</sub>ClF<sub>9</sub></b>	2-Chloro-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0210		4,4,5,5,6,6,6-Heptafluorohex-2-enoic acid	0804
<b>C<sub>6</sub>H<sub>2</sub>Cl<sub>2</sub>F<sub>2</sub>O</b>	2,6-Dichloro-3,5-difluorophenol	0295		4,5,5,5-Tetrafluoro-4-(trifluoromethyl) pent-2-enoic acid	1008
<b>C<sub>6</sub>H<sub>2</sub>F<sub>3</sub>NO<sub>2</sub></b>	2,4,6-Trifluoronitrobenzene	1088	<b>C<sub>6</sub>H<sub>3</sub>F<sub>7</sub>O<sub>3</sub></b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy) pent-2-enoic acid	0997
<b>C<sub>6</sub>H<sub>2</sub>F<sub>4</sub></b>	1,2,3,4-Tetrafluorobenzene	0917	<b>C<sub>6</sub>H<sub>3</sub>F<sub>9</sub></b>	3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl) pent-1-ene	0512
	1,2,3,5-Tetrafluorobenzene	0918		1H,1H,2H-Perfluorohex-1-ene	0803
	1,2,4,5-Tetrafluorobenzene	0919	<b>C<sub>6</sub>H<sub>3</sub>F<sub>9</sub>O</b>	Methyl nonafluorobutyl ketone	0604
<b>C<sub>6</sub>H<sub>2</sub>F<sub>4</sub>O</b>	2,3,5,6-Tetrafluorophenol	0965	<b>C<sub>6</sub>H<sub>3</sub>F<sub>9</sub>O<sub>2</sub></b>	Methyl perfluoropentanoate	1157
<b>C<sub>6</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	Tetrafluorobenzene-1,4-diol	0967	<b>C<sub>6</sub>H<sub>3</sub>F<sub>11</sub>N<sub>2</sub></b>	Perfluorohexanamidine	1442
	Tetrafluorobenzene-1,3-diol	0981	<b>C<sub>6</sub>H<sub>3</sub>F<sub>11</sub>O</b>	1H,1H,2'H-Perfluorodipropyl ether	1564

	2,2,3,3,4,4,5,5,5-Nonafluoropentyl difluoromethyl ether	1967	<b>C<sub>6</sub>H<sub>5</sub>F<sub>7</sub>O</b>	(2,2,3,3,4,4,4-Heptafluorobutyl)oxirane	0423
<b>C<sub>6</sub>H<sub>3</sub>F<sub>11</sub>O<sub>2</sub></b>	2-Heptafluoropropoxy-2,3,3,3-tetrafluoropropan-1-ol	1441		4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol	0442
<b>C<sub>6</sub>H<sub>3</sub>F<sub>11</sub>O<sub>3</sub>S</b>	1H,1H,5H-Octafluoropentyl trifluoromethanesulfonate	1462		[2,3,3,3-Tetrafluoro-2-(trifluoromethyl)propyl]oxirane	0811
<b>C<sub>6</sub>H<sub>4</sub>BrF<sub>9</sub></b>	1-Bromo-3,3,4,4,5,5,6,6,6-nonafluorohexane	0141		4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-ene	0996
<b>C<sub>6</sub>H<sub>4</sub>ClIO<sub>2</sub>S</b>	4-Iodobenzenesulfonyl chloride	1469		4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-en-1-ol	1009
<b>C<sub>6</sub>H<sub>4</sub>FIO<sub>2</sub>S</b>	4-Iodobenzenesulfonyl fluoride	1470		4,4,5,5,6,6,6-Heptafluorohexan-2-one	1542
<b>C<sub>6</sub>H<sub>4</sub>F<sub>3</sub>N</b>	2,4,6-Trifluoroaniline	1046	<b>C<sub>6</sub>H<sub>5</sub>F<sub>7</sub>O<sub>2</sub></b>	Ethyl heptafluorobutyrate	0373
<b>C<sub>6</sub>H<sub>4</sub>F<sub>4</sub>N<sub>2</sub></b>	2,3,5,6-Tetrafluorophenylhydrazine	0966		4,4,5,5,6,6,6-Heptafluorohexanoic acid	0438
<b>C<sub>6</sub>H<sub>4</sub>F<sub>6</sub>O</b>	5,5,5-Trifluoro-4-(trifluoromethyl)pent-3-en-2-one	1115		4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-2-one	0995
<b>C<sub>6</sub>H<sub>4</sub>F<sub>6</sub>O<sub>2</sub></b>	1,1,1,3,3,3-Hexafluoroisopropyl acrylate	0487		4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-en-1-ol	0998
<b>C<sub>6</sub>H<sub>4</sub>F<sub>7</sub>IO</b>	4,4,5,5,6,6,6-Heptafluoro-2-iodohex-2-en-1-ol	0448		[2,3,3,3-Tetrafluoro-2-(trifluoromethoxy)propyl]oxirane	0999
	4,5,5,5-Tetrafluoro-4-trifluoromethyl-2-iodopent-2-en-1-ol	0570		4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentanoic acid	1004
<b>C<sub>6</sub>H<sub>4</sub>F<sub>7</sub>IO<sub>2</sub></b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)-2-iodopent-2-en-1-ol	0563	<b>C<sub>6</sub>H<sub>5</sub>F<sub>7</sub>O<sub>3</sub></b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentanoic acid	0993
<b>C<sub>6</sub>H<sub>4</sub>F<sub>8</sub>N<sub>2</sub>O<sub>2</sub></b>	Octafluoroadipamide	0656	<b>C<sub>6</sub>H<sub>5</sub>F<sub>9</sub></b>	1H,1H,1H,2H,2H-Perfluorohexane	1144
<b>C<sub>6</sub>H<sub>4</sub>F<sub>8</sub>O<sub>2</sub></b>	Methyl 5H-octafluoropentanoate	0615	<b>C<sub>6</sub>H<sub>5</sub>F<sub>9</sub>O</b>	3,3-Bis(trifluoromethyl)-4,4,4-trifluorobutan-1-ol	0095
<b>C<sub>6</sub>H<sub>4</sub>F<sub>9</sub>I</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)pentane	0485		3,3,4,4,5,5,6,6,6-Nonafluorohexan-1-ol	0652
	6-Iodo-1,1,1,2,2,3,3,4,4-nonafluorohexane	0538		Methyl 1H,1H-nonafluoropentyl ether	1593
<b>C<sub>6</sub>H<sub>4</sub>F<sub>10</sub>O</b>	1H,1H,2'H,3H-Decafluorodipropyl ether	1565		Ethyl nonafluorobutyl ether	1721
<b>C<sub>6</sub>H<sub>4</sub>F<sub>11</sub>NO<sub>3</sub></b>	Ammonium perfluoro(2-methyl-3-oxahexanoate)	0050	<b>C<sub>6</sub>H<sub>6</sub>BrF<sub>3</sub>O<sub>3</sub></b>	Ethyl 2-bromo-4,4,4-trifluoroacetoacetate	1424
<b>C<sub>6</sub>H<sub>5</sub>Br<sub>2</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl 2,2-dibromo-4,4,4-trifluoroacetoacetate	1291	<b>C<sub>6</sub>H<sub>6</sub>ClF<sub>3</sub>O<sub>3</sub></b>	Ethyl 2-chloro-4,4,4-trifluoroacetoacetate	0368
<b>C<sub>6</sub>H<sub>5</sub>Cl<sub>3</sub>Si</b>	Phenyltrichlorosilane	0902	<b>C<sub>6</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>2</sub></b>	2-Acetoxy-4,4,4-trifluorobutyronitrile	1500
<b>C<sub>6</sub>H<sub>5</sub>FO</b>	4-Fluorophenol	1201	<b>C<sub>6</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	2,2,3,3-Tetrafluoropropyl acrylate	0977
<b>C<sub>6</sub>H<sub>5</sub>F<sub>5</sub></b>	1,1,1,2,3-Pentafluorohexa-2,5-diene	1756	<b>C<sub>6</sub>H<sub>6</sub>F<sub>6</sub>O</b>	Allyl 1,1,2,3,3,3-hexafluoropropyl ether	0032
<b>C<sub>6</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub></b>	5,5,6,6,6-Pentafluorohexane-2,4-dione	0696		2-Allylhexafluoroisopropanol	1446
	2,2,3,3,3-Pentafluoropropyl acrylate	0728	<b>C<sub>6</sub>H<sub>6</sub>F<sub>6</sub>O<sub>2</sub></b>	Ethyl 2,2,3,4,4,4-hexafluorobutyrate	1385
<b>C<sub>6</sub>H<sub>5</sub>F<sub>5</sub>O<sub>3</sub></b>	Methyl pentafluoropropionylacetate	0602		1,1,1,5,5,5-Hexafluoro-2-hydroxy-2-methylpentan-2-one	1547
<b>C<sub>6</sub>H<sub>5</sub>F<sub>7</sub></b>	4,4,5,5,6,6,6-Heptafluorohex-2-ene	0441		3-(1,1,2,3,3,3-Hexafluoropropoxy)-1,2-propenoxide	1612
	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-ene	1007		Methyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate	1962

## Molecular Formula Index

**C<sub>6</sub>**

<b>C<sub>6</sub>H<sub>6</sub>F<sub>7</sub>I</b>	1,1,1,2,2,3,3-Heptafluoro-5-iodohexane	0447	<b>C<sub>6</sub>H<sub>8</sub>F<sub>4</sub>O</b>	Allyl 2,2,3,3-tetrafluoropropyl ether	1579
	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)pentane	0568	<b>C<sub>6</sub>H<sub>8</sub>F<sub>4</sub>O<sub>2</sub></b>	3-(2,2,3,3-Tetrafluoropropoxy)-1,2-propenoxide	1273
<b>C<sub>6</sub>H<sub>6</sub>F<sub>7</sub>IO</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)pentane	0561	<b>C<sub>6</sub>H<sub>8</sub>F<sub>5</sub>I</b>	6-Iodo-1,1,1,2,2-pentafluorohexane	0528
	2-Iodo-4,5,5,5-tetrafluoro-4-(trifluoromethyl)pentan-1-ol	0569	<b>C<sub>6</sub>H<sub>8</sub>F<sub>5</sub>IO</b>	3-Iodo-5,5,6,6,6-pentafluorohexan-1-ol	1520
	4,4,5,5,6,6,6-Heptafluoro-2-iodohexan-1-ol	1518	<b>C<sub>6</sub>H<sub>8</sub>F<sub>6</sub>O</b>	3,3,4,5,5,5-Hexafluoro-2-methylpentan-2-ol	1448
<b>C<sub>6</sub>H<sub>6</sub>F<sub>7</sub>IO<sub>2</sub></b>	4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethoxy)pentan-1-ol	0562	<b>C<sub>6</sub>H<sub>8</sub>F<sub>6</sub>O<sub>2</sub></b>	2-(2,2,3,4,4,4-Hexafluorobutoxy)ethanol	1443
<b>C<sub>6</sub>H<sub>6</sub>F<sub>8</sub>O<sub>2</sub></b>	2,2,3,3,4,4,5,5-Octafluorohexane-1,6-diol	0663	<b>C<sub>6</sub>H<sub>8</sub>O<sub>3</sub></b>	2,3-Epoxypropyl acrylate	1817
<b>C<sub>6</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>2</sub></b>	2,2,2-Trichloroethyl methacrylate	1016	<b>C<sub>6</sub>H<sub>9</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluorohexane	1866
<b>C<sub>6</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub></b>	2,2,2-Trifluoroethyl methacrylate	1073	<b>C<sub>6</sub>H<sub>9</sub>ClF<sub>2</sub>O<sub>2</sub></b>	tert-Butyl chlorodifluoroacetate	0185
	Ethyl 4,4,4-trifluorocrotonate	1238	<b>C<sub>6</sub>H<sub>9</sub>Cl<sub>3</sub>O<sub>3</sub></b>	Ethyl 3-hydroxy-4,4,4-trichlorobutyrate	0374
	1,1,1-Trifluorohexane-2,4-dione	1244	<b>C<sub>6</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub></b>	Ethyl 4,4,4-trifluorobutyrate	1254
	4-Ethoxy-1,1,1-trifluorobut-3-en-2-one	1276		4-Ethoxy-1,1,1-trifluorobut-3-en-2-ol	1274
<b>C<sub>6</sub>H<sub>7</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl 4,4,4-trifluoroacetoacetate	0392		n-Butyl trifluoroacetate	1394
<b>C<sub>6</sub>H<sub>7</sub>F<sub>5</sub>O</b>	Allyl 2,2,3,3,3-pentafluoropropyl ether	1573		tert-Butyl trifluoroacetate	1395
<b>C<sub>6</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub></b>	5,5,6,6,6-Pentafluorohexanoic acid	1410	<b>C<sub>6</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl 3-hydroxy-4,4,4-trifluorobutyrate	0375
	3-(2,2,3,3,3-Pentafluoropropoxy)-1,2-propenoxide	1759		Ethyl 2-hydroxy-2-(trifluoromethyl)propionate	1720
<b>C<sub>6</sub>H<sub>7</sub>F<sub>7</sub>O</b>	4,4,5,5,6,6,6-Heptafluorohexan-1-ol	0439	<b>C<sub>6</sub>H<sub>9</sub>F<sub>5</sub>O</b>	5,5,6,6,6-Pentafluorohexan-1-ol	0697
	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentan-1-ol	1005	<b>C<sub>6</sub>H<sub>9</sub>F<sub>5</sub>O<sub>2</sub>Si</b>	Trimethylsilyl pentafluoropropionate	1258
	3,3,4,4,5,5,5-Heptafluoro-2-methylpentan-2-ol	1153	<b>C<sub>6</sub>H<sub>9</sub>F<sub>7</sub>Si</b>	Trimethyl(heptafluoropropyl)silane	1770
<b>C<sub>6</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub></b>	4,4,5,5,6,6,6-Heptafluorohexane-1,2-diol	0437	<b>C<sub>6</sub>H<sub>10</sub>F<sub>2</sub>O<sub>2</sub></b>	n-Butyl difluoroacetate	1399
	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-1-ol	0994	<b>C<sub>6</sub>H<sub>10</sub>F<sub>3</sub>NO</b>	N,N-Diethyltrifluoroacetamide	1397
	Heptafluorobutanal ethyl hemiacetal	1911	<b>C<sub>6</sub>H<sub>10</sub>F<sub>3</sub>NO<sub>2</sub></b>	Ethyl 3-amino-4,4,4-trifluorobutyrate	1712
<b>C<sub>6</sub>H<sub>8</sub>BrF<sub>3</sub></b>	6-Bromo-1,1,2-trifluorohex-1-ene	0180	<b>C<sub>6</sub>H<sub>10</sub>F<sub>4</sub>O</b>	tert-Butyl 1,1,2,2-tetrafluoroethyl ether	0188
<b>C<sub>6</sub>H<sub>8</sub>BrF<sub>3</sub>O<sub>2</sub></b>	Ethyl 3-bromo-4,4,4-trifluorobutyrate	1713		n-Butyl 1,1,2,2-tetrafluoroethyl ether	0189
<b>C<sub>6</sub>H<sub>8</sub>BrF<sub>5</sub></b>	6-Bromo-1,1,1,2,2-pentafluorohexane	1337	<b>C<sub>6</sub>H<sub>11</sub>ClF<sub>3</sub>N</b>	N,N-Diethyl-2-chloro-1,1,2-trifluoroethylamine (Yarovenko's reagent)	0266
<b>C<sub>6</sub>H<sub>8</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,6-dibromo-1,1,2-trifluorohexane	1233	<b>C<sub>6</sub>H<sub>11</sub>F</b>	Fluorocyclohexane	0403
<b>C<sub>6</sub>H<sub>8</sub>ClF<sub>3</sub>O<sub>2</sub></b>	Ethyl 3-chloro-4,4,4-trifluorobutyrate	1715	<b>C<sub>6</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub></b>	4-Ethoxy-1,1,1-trifluorobutan-2-ol	1275
<b>C<sub>6</sub>H<sub>8</sub>F<sub>2</sub>O<sub>3</sub></b>	Ethyl 4,4-difluoroacetoacetate	0370		Trifluoroacetaldehyde diethyl acetal	1536



<b>C<sub>6</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub>Si</b>	Trimethylsilyl 3,3,3-trifluoropropionate	1821	<b>C<sub>7</sub>F<sub>8</sub>O<sub>3</sub>S</b>	Pentafluorophenyl trifluoromethanesulfonate	1757
<b>C<sub>6</sub>H<sub>12</sub>F<sub>2</sub>O<sub>2</sub>Si</b>	Methyl trimethylsilyldifluoroacetate	1219	<b>C<sub>7</sub>F<sub>11</sub>N</b>	Perfluorocyclohexanecarbonitrile	0042
<b>C<sub>6</sub>H<sub>13</sub>F</b>	1-Fluorohexane	0408	<b>C<sub>7</sub>F<sub>12</sub>O</b>	Perfluorocyclohexanecarbonyl fluoride (tech)	0756
<b>C<sub>6</sub>H<sub>13</sub>F<sub>3</sub>N<sub>2</sub></b>	1,1-Bis(dimethylamino)-2,2,2-trifluoroethane	1879	<b>C<sub>7</sub>F<sub>13</sub>KO<sub>2</sub></b>	Potassium perfluoroheptanoate	1151
<b>C<sub>7</sub>BrClF<sub>4</sub></b>	4-Bromo-2,3,5,6-tetrafluorobenzoyl chloride	1921	<b>C<sub>7</sub>F<sub>13</sub>N</b>	Perfluoroheptanenitrile	0784
<b>C<sub>7</sub>BrCl<sub>3</sub>F<sub>4</sub></b>	4-Bromo-2,3,5,6-tetrafluorobenzotrichloride	1356	<b>C<sub>7</sub>F<sub>13</sub>NaO<sub>2</sub></b>	Sodium perfluoroheptanoate	1600
<b>C<sub>7</sub>BrF<sub>4</sub>N</b>	4-Bromotetrafluorobenzonitrile, 98%	1897	<b>C<sub>7</sub>F<sub>14</sub></b>	Perfluoro(methylcyclohexane)	0814
<b>C<sub>7</sub>BrF<sub>7</sub></b>	4-Bromo-2,3,5,6-tetrafluorobenzotrifluoride	0125	<b>C<sub>7</sub>F<sub>14</sub>O</b>	Perfluoroheptanoyl fluoride	0795
	3-Bromo-2,4,5,6-tetrafluorobenzotrifluoride, 96%	1918		Bis(heptafluoroisopropyl)ketone	1545
<b>C<sub>7</sub>BrF<sub>11</sub>O</b>	Perfluorocyclohexanecarbonyl bromide	0757	<b>C<sub>7</sub>F<sub>15</sub>I</b>	1-Iodoperfluoroheptane	1742
<b>C<sub>7</sub>BrF<sub>13</sub>O</b>	Perfluoroheptanoyl bromide	0791	<b>C<sub>7</sub>F<sub>15</sub>KO<sub>3</sub>S</b>	Potassium perfluoro(4-methyl-3,6-dioxaoctane)sulfonate (Chromoxane)	1259
<b>C<sub>7</sub>BrF<sub>15</sub>O<sub>2</sub></b>	1-Bromoperfluoro(4-methyl-3,6-dioxaoctane)	1872	<b>C<sub>7</sub>F<sub>16</sub></b>	Perfluoroheptane	1764
<b>C<sub>7</sub>Br<sub>2</sub>F<sub>14</sub></b>	1,2-Dibromoperfluoroheptane	1506	<b>C<sub>7</sub>HBrF<sub>4</sub>O<sub>2</sub></b>	4-Bromo-2,3,5,6-tetrafluorobenzoic acid	1357
<b>C<sub>7</sub>ClF<sub>5</sub>O</b>	Pentafluorobenzoyl chloride	0683	<b>C<sub>7</sub>HBrF<sub>12</sub>O</b>	7H-Perfluoroheptanoyl bromide	0790
<b>C<sub>7</sub>ClF<sub>7</sub></b>	3-Chloro-2,4,5,6-tetrafluorobenzotrifluoride	0208	<b>C<sub>7</sub>HClF<sub>4</sub>O</b>	2,3,4,5-Tetrafluorobenzoyl chloride	0926
<b>C<sub>7</sub>ClF<sub>11</sub>O</b>	Perfluorocyclohexanecarbonyl chloride	0758	<b>C<sub>7</sub>HClF<sub>4</sub>O<sub>2</sub></b>	3-Chloro-2,4,5,6-tetrafluorobenzoic acid	1350
<b>C<sub>7</sub>ClF<sub>12</sub>NaO<sub>2</sub></b>	Sodium 7-chloroperfluoroheptanoate	0907	<b>C<sub>7</sub>HClF<sub>12</sub>O</b>	7H-Perfluoroheptanoyl chloride	0792
<b>C<sub>7</sub>ClF<sub>13</sub>O</b>	7-Chloroperfluoroheptanoyl fluoride	0232	<b>C<sub>7</sub>HClF<sub>12</sub>O<sub>2</sub></b>	7-Chloroperfluoroheptanoic acid	0230
	Perfluoroheptanoyl chloride	0793	<b>C<sub>7</sub>HCl<sub>2</sub>F<sub>3</sub>O<sub>2</sub></b>	3,5-Dichloro-2,4,6-trifluorobenzoic acid	0310
<b>C<sub>7</sub>Cl<sub>2</sub>F<sub>12</sub>O</b>	7-Chloroperfluoroheptanoyl chloride	0231	<b>C<sub>7</sub>HCl<sub>2</sub>F<sub>5</sub></b>	(Dichloromethyl)pentafluorobenzene	1876
<b>C<sub>7</sub>Cl<sub>2</sub>F<sub>6</sub></b>	3,5-Dichloro-2,4,6-trifluorobenzotrifluoride	0300	<b>C<sub>7</sub>HF<sub>4</sub>KO<sub>2</sub></b>	Potassium 2,3,4,5-tetrafluorobenzoate	1896
<b>C<sub>7</sub>Cl<sub>3</sub>F<sub>5</sub></b>	Pentafluorobenzotrichloride	0682	<b>C<sub>7</sub>HF<sub>4</sub>N</b>	2,3,4,5-Tetrafluorobenzonitrile	1348
<b>C<sub>7</sub>Cl<sub>4</sub>F<sub>4</sub></b>	3-Chloro-2,4,5,6-tetrafluorobenzotrichloride	1353		2,3,5,6-Tetrafluorobenzonitrile	1349
<b>C<sub>7</sub>Cl<sub>5</sub>F<sub>3</sub></b>	3,5-Dichloro-2,4,6-trifluorobenzotrichloride	1700	<b>C<sub>7</sub>HF<sub>4</sub>NO<sub>4</sub></b>	2,3,4,5-Tetrafluoro-6-nitrobenzoic acid	1347
<b>C<sub>7</sub>F<sub>5</sub>KO<sub>2</sub></b>	Potassium pentafluorobenzoate	1123	<b>C<sub>7</sub>HF<sub>5</sub>O</b>	Pentafluorobenzaldehyde	0674
<b>C<sub>7</sub>F<sub>5</sub>N</b>	Pentafluorobenzonitrile	0680	<b>C<sub>7</sub>HF<sub>5</sub>O<sub>2</sub></b>	Pentafluorobenzoic acid	0679
<b>C<sub>7</sub>F<sub>7</sub>I</b>	Heptafluorobenzyl iodide	0739	<b>C<sub>7</sub>HF<sub>7</sub></b>	2,3,5,6-Tetrafluorobenzotrifluoride	0924
<b>C<sub>7</sub>F<sub>8</sub></b>	Octafluorotoluene	0670		2,3,4,6-Tetrafluorobenzotrifluoride	0925
				2,3,4,5-Tetrafluorobenzotrifluoride	1783

## Molecular Formula Index

**C<sub>7</sub>**

<b>C<sub>7</sub>HF<sub>7</sub>O</b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) phenol	0433	<b>C<sub>7</sub>H<sub>2</sub>F<sub>10</sub>O<sub>2</sub></b>	4H,4H-Decafluoroheptane-3,5-dione	0273
<b>C<sub>7</sub>HF<sub>7</sub>S</b>	Tetrafluoro-4-(trifluoromethyl)thiophenol	1130		3H,3H-Decafluoroheptane-2,4-dione	0783
<b>C<sub>7</sub>HF<sub>9</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3,5-bis(trifluoromethyl) pyrazole	1044	<b>C<sub>7</sub>H<sub>2</sub>F<sub>12</sub>O</b>	7H-Perfluoroheptanal	0781
<b>C<sub>7</sub>HF<sub>11</sub>O</b>	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-yne	0952	<b>C<sub>7</sub>H<sub>2</sub>F<sub>12</sub>O<sub>2</sub></b>	7H-Perfluoroheptanoic acid	0786
<b>C<sub>7</sub>HF<sub>11</sub>O<sub>2</sub></b>	Perfluorocyclohexanecarboxylic acid	0759	<b>C<sub>7</sub>H<sub>2</sub>F<sub>13</sub>I</b>	1-Iodo-1H,1H-perfluoroheptane	1146
<b>C<sub>7</sub>HF<sub>12</sub>NaO<sub>2</sub></b>	Sodium 7H-perfluoroheptanoate	0911	<b>C<sub>7</sub>H<sub>2</sub>F<sub>13</sub>NO</b>	Perfluoroheptanamide	1026
<b>C<sub>7</sub>HF<sub>13</sub>O</b>	7H-Perfluoroheptanoyl fluoride	0794	<b>C<sub>7</sub>H<sub>3</sub>BrF<sub>4</sub></b>	2,3,5,6-Tetrafluorobenzyl bromide	0928
<b>C<sub>7</sub>HF<sub>13</sub>O<sub>2</sub></b>	Perfluoroheptanoic acid	0787		2,3,4,5-Tetrafluorobenzyl bromide	0929
<b>C<sub>7</sub>HF<sub>15</sub>O<sub>5</sub>S</b>	Perfluoro(4-methyl-3,6-dioxaoctane) sulfonic acid	1980	<b>C<sub>7</sub>H<sub>3</sub>ClF<sub>3</sub>NO<sub>2</sub></b>	4-Chloro-3-nitrobenzotrifluoride	0223
<b>C<sub>7</sub>H<sub>2</sub>BrF<sub>5</sub></b>	2,3,4,5,6-Pentafluorobenzyl bromide	0686	<b>C<sub>7</sub>H<sub>3</sub>ClF<sub>4</sub></b>	2,3,5,6-Tetrafluorobenzyl chloride	0930
	4-Bromo-2,6-difluorobenzotrifluoride, 94%	1942		4-Chloro-2,3,5,6-tetrafluorotoluene	1214
<b>C<sub>7</sub>H<sub>2</sub>BrF<sub>11</sub>O</b>	2-Bromo-3,4,4,4-tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0158		2,3,4,5-Tetrafluorobenzyl chloride	1245
<b>C<sub>7</sub>H<sub>2</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>4</sub></b>	4-Chloro-3,5-dinitrobenzotrifluoride, 98% min	0204	<b>C<sub>7</sub>H<sub>3</sub>ClF<sub>12</sub>O</b>	7-Chloro-1H,1H-perfluoroheptan-1-ol	1540
<b>C<sub>7</sub>H<sub>2</sub>ClF<sub>3</sub>O</b>	2,4,6-Trifluorobenzoyl chloride	1051	<b>C<sub>7</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub></b>	3,4-Dichlorobenzotrifluoride	1976
<b>C<sub>7</sub>H<sub>2</sub>ClF<sub>5</sub></b>	2,3,4,5,6-Pentafluorobenzyl chloride	0687	<b>C<sub>7</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>5</sub>N<sub>2</sub></b>	2,6-Dichloro-3,5-difluoro-4-(trifluoromethyl)phenylhydrazine	0296
<b>C<sub>7</sub>H<sub>2</sub>ClF<sub>11</sub>O</b>	2-Chloro-3-heptafluoropropoxy-3,4,4,4-tetrafluorobut-1-ene	0246	<b>C<sub>7</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub></b>	3,5-Dinitrobenzotrifluoride	0356
<b>C<sub>7</sub>H<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub></b>	3,4,5-Trichlorobenzotrifluoride, 98%	1977	<b>C<sub>7</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub></b>	2,6-Dinitro-4-(trifluoromethyl)phenol	0358
<b>C<sub>7</sub>H<sub>2</sub>F<sub>3</sub>N</b>	2,4,6-Trifluorobenzonitrile	1021	<b>C<sub>7</sub>H<sub>3</sub>F<sub>3</sub>O</b>	2,4,6-Trifluorobenzaldehyde	1047
<b>C<sub>7</sub>H<sub>2</sub>F<sub>4</sub>O</b>	2,3,5,6-Tetrafluorobenzaldehyde	0916	<b>C<sub>7</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub></b>	2,4,6-Trifluorobenzoic acid	1049
	2,3,4,5-Tetrafluorobenzaldehyde	1280	<b>C<sub>7</sub>H<sub>3</sub>F<sub>4</sub>NO</b>	2,3,4,5-Tetrafluorobenzamide	1346
<b>C<sub>7</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	2,3,4,5-Tetrafluorobenzoic acid	0921	<b>C<sub>7</sub>H<sub>3</sub>F<sub>4</sub>NO<sub>2</sub></b>	4-Amino-2,3,5,6-tetrafluorobenzoic acid	0046
	2,3,5,6-Tetrafluorobenzoic acid	0922	<b>C<sub>7</sub>H<sub>3</sub>F<sub>5</sub></b>	Methylpentafluorobenzene	0736
	2,3,4,6-Tetrafluorobenzoic acid	1351		2,4-Difluorobenzotrifluoride	1975
<b>C<sub>7</sub>H<sub>2</sub>F<sub>4</sub>O<sub>3</sub></b>	4-Hydroxy-2,3,5,6-tetrafluorobenzoic acid	0962	<b>C<sub>7</sub>H<sub>3</sub>F<sub>5</sub>O</b>	2,3,4,5,6-Pentafluoroanisole	0673
<b>C<sub>7</sub>H<sub>2</sub>F<sub>5</sub>NO</b>	Pentafluorobenzamide	0675		2,3,4,5,6-Pentafluorobenzyl alcohol	0685
<b>C<sub>7</sub>H<sub>2</sub>F<sub>6</sub></b>	2,4,6-Trifluorobenzotrifluoride	1050	<b>C<sub>7</sub>H<sub>3</sub>F<sub>7</sub>N<sub>2</sub></b>	Tetrafluoro-4-(trifluoromethyl) phenylhydrazine	1087
<b>C<sub>7</sub>H<sub>2</sub>F<sub>7</sub>N</b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) aniline	0047	<b>C<sub>7</sub>H<sub>3</sub>F<sub>7</sub>N<sub>2</sub>O</b>	N-(Heptafluorobutyl)imidazole	0440
<b>C<sub>7</sub>H<sub>2</sub>F<sub>10</sub>N<sub>2</sub></b>	3(5)-Heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0884	<b>C<sub>7</sub>H<sub>3</sub>F<sub>9</sub>O<sub>2</sub></b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl) hex-2-enoic acid	0509

C <sub>7</sub> H <sub>3</sub> F <sub>9</sub> N <sub>2</sub>	5-Fluoro-1-methyl-3-pentafluoroethyl-4-trifluoromethyl-1H-pyrazole	1920	C <sub>7</sub> H <sub>4</sub> F <sub>12</sub> O	1H,1H,5H-Octafluoropentyl	0667
C <sub>7</sub> H <sub>3</sub> F <sub>11</sub> O	(Perfluorocyclohexyl)methanol	0762		1,1,2,2-tetrafluoroethyl ether	0778
	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0951		2,3,4,5,5,5-Hexafluoro-2,4-bis(trifluoromethyl)pentan-1-ol	0789
C <sub>7</sub> H <sub>3</sub> F <sub>11</sub> O <sub>2</sub>	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)butyral	0953	C <sub>7</sub> H <sub>4</sub> F <sub>12</sub> O <sub>2</sub>	7H-Perfluoroheptanal hydrate	0782
C <sub>7</sub> H <sub>3</sub> F <sub>11</sub> O <sub>3</sub>	Methyl perfluoro(2-methyl-3-oxahexanoate)	0612	C <sub>7</sub> H <sub>4</sub> F <sub>13</sub> N	1H,1H-Perfluoroheptylamine	0796
C <sub>7</sub> H <sub>3</sub> F <sub>12</sub> I	1-Iodo-1H,1H,7H-perfluoroheptane	0537	C <sub>7</sub> H <sub>5</sub> ClF <sub>2</sub>	3,4-Difluorobenzyl chloride	0328
C <sub>7</sub> H <sub>3</sub> F <sub>13</sub> N <sub>2</sub>	Perfluoroheptanamidine	1571	C <sub>7</sub> H <sub>5</sub> ClF <sub>3</sub> NO	O-(2,3,4,5,6-Pentafluorobenzyl)hydroxylamine hydrochloride	1341
C <sub>7</sub> H <sub>3</sub> F <sub>13</sub> O	1H,1H-Perfluoroheptan-1-ol	0788	C <sub>7</sub> H <sub>5</sub> FO	2-Fluorobenzaldehyde	0401
	Methyl perfluorohexyl ether	1588		Benzoyl fluoride	1662
C <sub>7</sub> H <sub>3</sub> F <sub>13</sub> O <sub>2</sub>	Perfluoroheptanal hydrate	1215	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub>	2,4,6-Trifluorotoluene	1103
C <sub>7</sub> H <sub>4</sub> BrF <sub>3</sub>	4-Bromobenzotrifluoride	1494	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>	3-Amino-5-nitrobenzotrifluoride	1373
	3-Bromobenzotrifluoride	1669	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O	(Trifluoromethoxy)benzene	1209
	2,4,6-Trifluorobenzyl bromide	1798	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O <sub>3</sub> S	Phenyl trifluoromethanesulfonate	1841
C <sub>7</sub> H <sub>4</sub> BrF <sub>7</sub> N <sub>2</sub>	4-Bromo-3(5)-heptafluoropropyl-5(3)-methylpyrazole	1271	C <sub>7</sub> H <sub>5</sub> F <sub>7</sub> N <sub>2</sub>	3(5)-Heptafluoropropyl-5(3)-methylpyrazole	0635
	4-Chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0221	C <sub>7</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub>	2,2,3,3,4,4,4-Heptafluorobutyl acrylate	0420
C <sub>7</sub> H <sub>4</sub> F <sub>4</sub>	2,3,5,6-Tetrafluorotoluene	0987		5,5,6,6,7,7,7-Heptafluoroheptane-2,4-dione	0436
	2,3,4,5-Tetrafluorotoluene	1793	C <sub>7</sub> H <sub>5</sub> F <sub>9</sub>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-ene	0508
C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> N <sub>2</sub> O	4-Amino-2,3,5,6-tetrafluorobenzamide	0045	C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> O	[2,3,3,4,4,4-Hexafluoro-2-(trifluoromethyl)butyl]oxirane	0504
C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> O	2,3,5,6-Tetrafluoroanisole	0915		4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-en-1-ol	0510
	2,3,5,6-Tetrafluorobenzyl alcohol	0927		4,4,5,5,6,6,7,7,7-Nonafluorohept-2-en-1-ol	0651
	2,3,4,5-Tetrafluorobenzyl alcohol	1450		(1H,1H-Perfluoropentyl)oxirane	0878
C <sub>7</sub> H <sub>4</sub> F <sub>5</sub> N	4-Amino-2,6-difluorobenzotrifluoride	0039	C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> O <sub>2</sub>	Ethyl nonafluoropentanoate	0387
	2-Amino-4,6-difluorobenzotrifluoride	1183		4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexanoic acid	0505
C <sub>7</sub> H <sub>4</sub> F <sub>6</sub> N <sub>2</sub> O	1-Acetyl-3,5-bis(trifluoromethyl)pyrazole	0004	C <sub>7</sub> H <sub>5</sub> F <sub>11</sub> O	Methyl 1H,1H-perfluorohexyl ether	1594
	1-Trifluoroacetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0640	C <sub>7</sub> H <sub>6</sub> BrF <sub>3</sub> N <sub>2</sub> O	1-Acetyl-4-bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0007
C <sub>7</sub> H <sub>4</sub> F <sub>7</sub> N <sub>3</sub> O <sub>2</sub>	3(5)-Heptafluoropropyl-5(3)-methyl-4-nitropyrazole	0626	C <sub>7</sub> H <sub>6</sub> ClF <sub>3</sub> N <sub>2</sub> O	1-Acetyl-4-chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0012
C <sub>7</sub> H <sub>4</sub> F <sub>9</sub> IO	4,5,5,6,6,6-Hexafluoro-4-trifluoromethyl-2-iodohex-2-en-1-ol	0483	C <sub>7</sub> H <sub>6</sub> FNO	2-Fluorobenzamide	1200
C <sub>7</sub> H <sub>4</sub> F <sub>11</sub> IO	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorobutane	0465	C <sub>7</sub> H <sub>6</sub> F <sub>2</sub> O	(Difluoromethoxy)benzene	0327

## Molecular Formula Index

**C<sub>7</sub>**

<b>C<sub>7</sub>H<sub>6</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub></b>	1-Acetyl-5(3)-methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole	0018	<b>C<sub>7</sub>H<sub>8</sub>FN</b>	4-Fluoro-N-methylaniline	1206
<b>C<sub>7</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	4-(Trifluoromethoxy)aniline	1080	<b>C<sub>7</sub>H<sub>9</sub>BrF<sub>2</sub></b>	1-(Bromodifluoromethyl)cyclohexene	0118
<b>C<sub>7</sub>H<sub>6</sub>F<sub>6</sub>O<sub>2</sub></b>	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)crotonate	0396	<b>C<sub>7</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub></b>	Ethyl 2-methyl-4,4,4-trifluorocrotonate	0377
	1,1,1,3,3,3-Hexafluoroisopropyl methacrylate	0471		Ethyl 3-(trifluoromethyl)crotonate	1218
	2,2,3,4,4,4-Hexafluorobutyl acrylate	0479		5-Methyl-1,1,1-trifluorohexane-2,4-dione	1241
	Hexafluoro-2-methylisopropyl acrylate	1730		Ethyl 5,5,5-trifluoropent-2-enoate	1726
<b>C<sub>7</sub>H<sub>6</sub>F<sub>8</sub>O<sub>2</sub></b>	Ethyl 5H-octafluoropentanoate	0386	<b>C<sub>7</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl 2-methyl-4,4,4-trifluoroacetoacetate	0376
<b>C<sub>7</sub>H<sub>6</sub>F<sub>9</sub>I</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)hexane	0482		Isopropyl 4,4,4-trifluoroacetoacetate	0581
<b>C<sub>7</sub>H<sub>6</sub>F<sub>9</sub>IO</b>	4,5,5,6,6,6-Hexafluoro-2-iodo-4-(trifluoromethyl)hexan-1-ol	1519	<b>C<sub>7</sub>H<sub>9</sub>F<sub>5</sub>O<sub>2</sub></b>	n-Butyl pentafluoropropionate	1403
<b>C<sub>7</sub>H<sub>7</sub>F<sub>3</sub>N<sub>2</sub></b>	5-(Trifluoromethyl)-1,3-phenylenediamine	1086		tert-Butyl pentafluoropropionate	1404
<b>C<sub>7</sub>H<sub>7</sub>F<sub>3</sub>N<sub>2</sub>O</b>	1-Acetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0021	<b>C<sub>7</sub>H<sub>9</sub>F<sub>6</sub>NO<sub>2</sub></b>	Ethyl 4,4,4,4',4'-hexafluoro-DL-valinate	0507
<b>C<sub>7</sub>H<sub>7</sub>F<sub>5</sub>O</b>	2-(Pentafluoroprop-1-enyl)tetrahydrofuran	0720	<b>C<sub>7</sub>H<sub>9</sub>F<sub>7</sub>O</b>	5,5,6,6,7,7,7-Heptafluoroheptan-1-ol	0435
<b>C<sub>7</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub></b>	2,2,3,3,3-Pentafluoropropyl methacrylate	0731	<b>C<sub>7</sub>H<sub>9</sub>F<sub>7</sub>O<sub>2</sub>Si</b>	Trimethylsilyl heptafluorobutyrate	1595
	(1E)-1-Ethoxy-4,4,5,5,5-pentafluoropent-1-en-3-one	1923	<b>C<sub>7</sub>H<sub>9</sub>F<sub>9</sub>O<sub>4</sub>SSI</b>	Trimethylsilyl perfluoro(2-ethoxyethane)sulfonate	1110
<b>C<sub>7</sub>H<sub>7</sub>F<sub>5</sub>O<sub>3</sub></b>	Ethyl pentafluoropropionylacetate	1300	<b>C<sub>7</sub>H<sub>9</sub>F<sub>9</sub>Si</b>	Trimethyl(nonafluorobutyl)silane	1925
<b>C<sub>7</sub>H<sub>7</sub>F<sub>7</sub>O</b>	Allyl 1H,1H-heptafluorobutyl ether	1574	<b>C<sub>7</sub>H<sub>10</sub>Br<sub>2</sub>F<sub>2</sub></b>	1-Bromo-2-(bromodifluoromethyl)cyclohexane	0100
<b>C<sub>7</sub>H<sub>7</sub>F<sub>9</sub>O</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexan-1-ol	0506	<b>C<sub>7</sub>H<sub>10</sub>F<sub>4</sub>O<sub>3</sub></b>	Ethyl 2-ethoxy-2,3,3,3-tetrafluoropropionate	1187
	4,4,5,5,6,6,7,7,7-Nonafluoroheptan-1-ol	1216	<b>C<sub>7</sub>H<sub>11</sub>BrF<sub>2</sub></b>	1-Bromo-1,1-difluorohept-2-ene	0117
<b>C<sub>7</sub>H<sub>7</sub>F<sub>9</sub>O<sub>2</sub></b>	4,4,5,5,6,6,7,7,7-Nonafluoroheptane-1,2-diol	0650	<b>C<sub>7</sub>H<sub>11</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluoroheptane	1867
<b>C<sub>7</sub>H<sub>8</sub>BrF<sub>7</sub></b>	7-Bromo-1,1,1,2,2,3,3-heptafluoroheptane	1338	<b>C<sub>7</sub>H<sub>11</sub>F<sub>3</sub></b>	1,1,1-Trifluorohept-2-ene	1077
<b>C<sub>7</sub>H<sub>8</sub>F<sub>4</sub>O<sub>2</sub></b>	2,2,3,3-Tetrafluoropropyl methacrylate	0979	<b>C<sub>7</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub></b>	Ethyl 2-methyl-4,4,4-trifluorobutyrate	0378
<b>C<sub>7</sub>H<sub>8</sub>F<sub>6</sub>O</b>	2-(1,1,2,3,3,3-Hexafluoropropyl)tetrahydrofuran	0502		Ethyl 3-methyl-4,4,4-trifluorobutyrate	0393
<b>C<sub>7</sub>H<sub>8</sub>F<sub>6</sub>O<sub>2</sub></b>	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate	0395		Ethyl 3-hydroxy-2-methyl-4,4,4-trifluorobutyrate	1423
<b>C<sub>7</sub>H<sub>8</sub>F<sub>6</sub>O<sub>3</sub></b>	Isopropyl 2-hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionate	0850		Ethyl 5,5,5-trifluoropentanoate, 80%	1887
<b>C<sub>7</sub>H<sub>8</sub>F<sub>7</sub>I</b>	1,1,1,2,2,3,3-Heptafluoro-7-iodoheptane	0446	<b>C<sub>7</sub>H<sub>11</sub>F<sub>4</sub>NO</b>	N,N-Diethyl-2,3,3,3-tetrafluoropropionamide	1400
	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	0566	<b>C<sub>7</sub>H<sub>11</sub>F<sub>6</sub>N</b>	N,N-Diethyl-1,1,2,3,3,3-hexafluoropropylamine (Ishikawa's reagent)	0323
	6-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	1147	<b>C<sub>7</sub>H<sub>12</sub>F<sub>3</sub>I</b>	3-Iodo-1,1,1-trifluoroheptane	0577
<b>C<sub>7</sub>H<sub>8</sub>F<sub>7</sub>IO</b>	3-Iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1436	<b>C<sub>7</sub>H<sub>13</sub>F<sub>3</sub>O<sub>2</sub></b>	3,3,3-Trifluoropropanal diethylacetal	1310

<b>C<sub>7</sub>H<sub>14</sub>F<sub>2</sub>O<sub>2</sub>Si</b>	Ethyl trimethylsilyldifluoroacetate	1220	<b>C<sub>8</sub>F<sub>18</sub>KNO<sub>4</sub>S<sub>2</sub></b>	Potassium bis-nonafluoro-1-butanesulfonimide,	1935
<b>C<sub>7</sub>H<sub>15</sub>F</b>	1-Fluoroheptane	0407	<b>C<sub>8</sub>F<sub>18</sub>O<sub>2</sub>S</b>	Perfluorooctanesulfonyl fluoride	0849
<b>C<sub>7</sub>H<sub>15</sub>F<sub>3</sub>Si</b>	Triethyl(trifluoromethyl)silane	1312	<b>C<sub>8</sub>HBrF<sub>16</sub></b>	1-Bromo-8H-perfluorooctane	1509
<b>C<sub>8</sub>BrF<sub>15</sub>O</b>	Perfluorooctanoyl bromide	1650	<b>C<sub>8</sub>HBr<sub>2</sub>F<sub>7</sub></b>	4-(Dibromomethyl)heptafluorotoluene	1820
<b>C<sub>8</sub>BrF<sub>17</sub></b>	1-Bromoperfluorooctane, 99%	0145	<b>C<sub>8</sub>HCIF<sub>16</sub></b>	1-Chloro-8H-perfluorooctane	0238
<b>C<sub>8</sub>ClF<sub>15</sub></b>	8-Chloroperfluorooct-1-ene	1615	<b>C<sub>8</sub>HF<sub>7</sub>O<sub>2</sub></b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzoic acid	1513
<b>C<sub>8</sub>ClF<sub>15</sub>O</b>	(6-Chloroperfluorohexyl)trifluorooxirane	1622		2,3,5,6-Tetrafluorophenyl trifluoroacetate	1787
	Perfluorooctanoyl chloride	1651	<b>C<sub>8</sub>HF<sub>13</sub></b>	3,3-Bis(trifluoromethyl)-1H-heptafluorohex-1-yne	0418
<b>C<sub>8</sub>ClF<sub>15</sub>O<sub>3</sub>S</b>	1-(6-Chloroperfluorohexyl) trifluoroethanesultone	1633		1H-Perfluorooct-1-yne	0855
<b>C<sub>8</sub>ClF<sub>16</sub>I</b>	1-Chloro-8-iodoperfluorooctane	1489	<b>C<sub>8</sub>HF<sub>15</sub></b>	8H-Perfluorooct-1-ene	1607
<b>C<sub>8</sub>Cl<sub>2</sub>F<sub>16</sub></b>	1,8-Dichloroperfluorooctane	0308		1H-Perfluorooct-1-ene	1617
<b>C<sub>8</sub>F<sub>4</sub>K<sub>2</sub>O<sub>4</sub></b>	Potassium tetrafluoroterephthalate	1895	<b>C<sub>8</sub>HF<sub>15</sub>O</b>	(6H-Perfluorohexyl)trifluorooxirane	1619
<b>C<sub>8</sub>F<sub>7</sub>N</b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzonitrile	1249		2,3-Difluoro-2-(perfluorohexyl)oxirane	1624
<b>C<sub>8</sub>F<sub>8</sub>O</b>	Perfluoroacetophenone	0737	<b>C<sub>8</sub>HF<sub>15</sub>O<sub>2</sub></b>	Perfluorooctanoic acid	1286
	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzoyl fluoride	1498	<b>C<sub>8</sub>HF<sub>16</sub>I</b>	1-Iodo-8H-perfluorooctane	1150
<b>C<sub>8</sub>F<sub>8</sub>O<sub>2</sub></b>	Pentafluorophenyl trifluoroacetate	1265	<b>C<sub>8</sub>HF<sub>17</sub></b>	1H-Perfluorooctane	1175
<b>C<sub>8</sub>F<sub>14</sub>O<sub>3</sub></b>	Heptafluorobutyric anhydride	0427	<b>C<sub>8</sub>HF<sub>17</sub>O<sub>2</sub></b>	2H-Perfluoro(5-methyl-3,6-dioxanonane)	1188
<b>C<sub>8</sub>F<sub>14</sub>O<sub>5</sub></b>	2,2,3,3-Tetrafluoro-3-(trifluoromethoxy) propionic anhydride	1844		Perfluoro(1,1,2-trimethyl-3-oxahexan-1-ol)	1954
<b>C<sub>8</sub>F<sub>15</sub>NaO<sub>2</sub></b>	Sodium perfluorooctanoate	1780	<b>C<sub>8</sub>HF<sub>17</sub>O<sub>3</sub>S</b>	Perfluorooctanesulfonic acid	1839
<b>C<sub>8</sub>F<sub>16</sub></b>	Perfluoro(1,3-dimethylcyclohexane), tech.	0775	<b>C<sub>8</sub>H<sub>2</sub>BrF<sub>5</sub>O</b>	(Bromoacetyl)pentafluorobenzene	0127
	Perfluorooct-1-ene	1511	<b>C<sub>8</sub>H<sub>2</sub>BrF<sub>7</sub></b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzyl bromide 98%	0128
<b>C<sub>8</sub>F<sub>16</sub>I<sub>2</sub></b>	1,8-Diiodoperfluorooctane	0349	<b>C<sub>8</sub>H<sub>2</sub>BrF<sub>7</sub>O</b>	4-Bromomethoxy-2,3,5,6-tetrafluorobenzotrifluoride	0131
<b>C<sub>8</sub>F<sub>16</sub>O</b>	(Perfluorohexyl)trifluorooxirane	1627	<b>C<sub>8</sub>H<sub>2</sub>BrF<sub>13</sub></b>	3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohex-1-ene	0121
	Perfluorooctanoyl fluoride	1652		2-Bromo-1H,1H-perfluorooct-1-ene	0146
<b>C<sub>8</sub>F<sub>16</sub>O<sub>2</sub></b>	Perfluoro(5-methyl-3,6-dioxanon-1-ene)	1769	<b>C<sub>8</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>13</sub></b>	1,2,2-Tribromo-1H,1H-perfluorooctane	1331
<b>C<sub>8</sub>F<sub>16</sub>O<sub>3</sub>S</b>	1-(Perfluorohexyl)trifluoroethanesultone	1630	<b>C<sub>8</sub>H<sub>2</sub>ClF<sub>7</sub></b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzyl chloride	0215
<b>C<sub>8</sub>F<sub>16</sub>O<sub>5</sub>S</b>	8-Fluorosulfonylperfluoro(2,5-dimethyl-3,6-dioxaoctanoyl) fluoride	1466		2,4,5,6-Tetrafluoro-3-(trifluoromethyl) benzyl chloride	1819
<b>C<sub>8</sub>F<sub>17</sub>I</b>	1-Iodoperfluorooctane	0548	<b>C<sub>8</sub>H<sub>2</sub>ClF<sub>13</sub></b>	2-Chloro-1H,1H-perfluorooct-1-ene	0239

## Molecular Formula Index

**C<sub>8</sub>**

<b>C<sub>8</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	2,3,5,6-Tetrafluoroterephthalaldehyde	1792		2H,2H-Perfluorooctanal	0846
<b>C<sub>8</sub>H<sub>2</sub>F<sub>4</sub>O<sub>4</sub></b>	Tetrafluoroterephthalic acid	0985	<b>C<sub>8</sub>H<sub>3</sub>F<sub>13</sub>O<sub>2</sub></b>	Methyl perfluoroheptanoate	0608
	Tetrafluorophthalic acid	1894	<b>C<sub>8</sub>H<sub>3</sub>F<sub>15</sub>N<sub>2</sub></b>	Perfluorooctanamide	1535
<b>C<sub>8</sub>H<sub>2</sub>F<sub>5</sub>N</b>	Pentafluorophenylacetonitrile	0705	<b>C<sub>8</sub>H<sub>3</sub>F<sub>15</sub>O</b>	1H,1H-Perfluorooctan-1-ol	1438
<b>C<sub>8</sub>H<sub>2</sub>F<sub>8</sub>O</b>	(2,2,2-Trifluoroethoxy)pentafluorobenzene	1069	<b>C<sub>8</sub>H<sub>4</sub>BrF<sub>13</sub></b>	3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohexane	0120
<b>C<sub>8</sub>H<sub>2</sub>F<sub>12</sub>N<sub>2</sub></b>	3(5)-Nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole			1-Bromo-1H,1H,2H,2H-perfluorooctane	1125
<b>C<sub>8</sub>H<sub>2</sub>F<sub>12</sub>O<sub>2</sub></b>	3H,3H-Perfluorooctane-2,4-dione		<b>C<sub>8</sub>H<sub>4</sub>Br<sub>2</sub>F<sub>4</sub></b>	1,4-Bis(bromomethyl)tetrafluorobenzene	1342
<b>C<sub>8</sub>H<sub>2</sub>F<sub>16</sub></b>	1H,8H-Perfluorooctane		<b>C<sub>8</sub>H<sub>4</sub>ClF<sub>9</sub>N<sub>2</sub></b>	4-Chloro-5(3)-methyl-3(5)-(nonafluorobutyl)pyrazole	0216
<b>C<sub>8</sub>H<sub>3</sub>BrF<sub>4</sub>O<sub>2</sub></b>	Methyl 3-bromo-2,4,5,6-tetrafluorobenzoate	1354	<b>C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>4</sub></b>	1,4-Bis(chloromethyl)tetrafluorobenzene	0061
	Methyl 4-bromo-2,3,5,6-tetrafluorobenzoate	1355	<b>C<sub>8</sub>H<sub>4</sub>F<sub>4</sub>O</b>	2',3',4',5'-Tetrafluoroacetophenone	1782
<b>C<sub>8</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>13</sub></b>	1,2-Dibromo-1H,1H,2H-perfluorooctane	1325		4-Hydroxy-2,3,5,6-tetrafluorostyrene	1831
<b>C<sub>8</sub>H<sub>3</sub>ClF<sub>12</sub>O<sub>2</sub></b>	Methyl 7-chloroperfluoroheptanoate	0592	<b>C<sub>8</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub></b>	4-Methyltetrafluorobenzoic acid	0642
<b>C<sub>8</sub>H<sub>3</sub>ClF<sub>13</sub>I</b>	1-Chloro-1-iodo-1H,2H,2H-perfluorooctane	0212		5,6,7,8-Tetrafluorobenzo-1,4-dioxane	0920
<b>C<sub>8</sub>H<sub>3</sub>Cl<sub>3</sub>F<sub>4</sub>O</b>	4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride	1344		Methyl 2,3,4,6-tetrafluorobenzoate	1352
<b>C<sub>8</sub>H<sub>3</sub>F<sub>5</sub></b>	2,3,4,5,6-Pentafluorostyrene	0733	<b>C<sub>8</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub>S</b>	4-(Trifluorovinyl)benzenesulfonyl fluoride	1468
<b>C<sub>8</sub>H<sub>3</sub>F<sub>5</sub>O</b>	2',3',4',5',6'-Pentafluoroacetophenone	0671	<b>C<sub>8</sub>H<sub>4</sub>F<sub>11</sub>I</b>	(2-Iodoethyl)perfluorocyclohexane	0521
<b>C<sub>8</sub>H<sub>3</sub>F<sub>5</sub>O<sub>2</sub></b>	Methyl pentafluorobenzoate	0601	<b>C<sub>8</sub>H<sub>4</sub>F<sub>11</sub>IO<sub>2</sub></b>	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopent-2-en-1-ol	0470
	Pentafluorophenylacetic acid	0704	<b>C<sub>8</sub>H<sub>4</sub>F<sub>12</sub>O<sub>2</sub></b>	Methyl 7H-perfluoroheptanoate	0607
<b>C<sub>8</sub>H<sub>3</sub>F<sub>5</sub>O<sub>3</sub></b>	(Pentafluorophenoxy)acetic acid	0701	<b>C<sub>8</sub>H<sub>4</sub>F<sub>13</sub>I</b>	3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluoro-1-iodohexane	0443
<b>C<sub>8</sub>H<sub>3</sub>F<sub>7</sub></b>	4-Methyl-2,3,5,6-tetrafluorobenzotrifluoride	0638		1-Iodo-1H,1H,2H,2H-perfluorooctane	0549
<b>C<sub>8</sub>H<sub>3</sub>F<sub>7</sub>O</b>	4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride	0583	<b>C<sub>8</sub>H<sub>4</sub>F<sub>15</sub>N</b>	1H,1H-Perfluorooctylamine	1529
	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl alcohol	1190	<b>C<sub>8</sub>H<sub>5</sub>BrF<sub>4</sub>O</b>	1-Bromo-2-(1,1,2,2-tetrafluoroethoxy)benzene	0153
<b>C<sub>8</sub>H<sub>3</sub>F<sub>9</sub>N<sub>2</sub>O</b>	N-(Nonafluoropentanoyl)imidazole	0873		1-Bromo-3-(1,1,2,2-tetrafluoroethoxy)benzene	0154
<b>C<sub>8</sub>H<sub>3</sub>F<sub>11</sub>O</b>	Methyl perfluorocyclohexyl ketone	0605		1-Bromo-4-(1,1,2,2-tetrafluoroethoxy)benzene	0155
<b>C<sub>8</sub>H<sub>3</sub>F<sub>11</sub>O<sub>3</sub></b>	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-enoic acid	0959		4-Methoxy-2,3,5,6-tetrafluorobenzyl bromide	0963
<b>C<sub>8</sub>H<sub>3</sub>F<sub>13</sub></b>	3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluorohex-1-ene	0417	<b>C<sub>8</sub>H<sub>5</sub>ClF<sub>2</sub>O</b>	2-Chloro-2,2-difluoroacetophenone	1239
	1H,1H,2H-Perfluorooct-1-ene	0853	<b>C<sub>8</sub>H<sub>5</sub>F<sub>3</sub>O</b>	2,2,2-Trifluoroacetophenone	1041
<b>C<sub>8</sub>H<sub>3</sub>F<sub>13</sub>O</b>	Methyl perfluorohexyl ketone	0610		4-(Trifluoromethyl)benzaldehyde	1281

	3-(Trifluoromethyl)benzaldehyde	1321		4-Methyl-2,3,5,6-tetrafluorobenzyl alcohol	0639
<b>C<sub>8</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub></b>	Phenyl trifluoroacetate, 98%	0896		(1,1,2,2-Tetrafluoroethoxy)benzene	1364
<b>C<sub>8</sub>H<sub>5</sub>F<sub>4</sub>IO</b>	1-Iodo-4-(1,1,2,2-tetrafluoroethoxy)benzene	1267		1-Ethoxy-2,3,5,6-tetrafluorobenzene	1709
<b>C<sub>8</sub>H<sub>5</sub>F<sub>4</sub>NO<sub>2</sub></b>	Methyl 4-aminotetrafluorobenzoate	0589	<b>C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	1,4-Dimethoxytetrafluorobenzene	0347
<b>C<sub>8</sub>H<sub>5</sub>F<sub>4</sub>NO<sub>3</sub></b>	2-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	0944		3-(1,1,2,2-Tetrafluoroethoxy)phenol	0945
	4-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1374		4-(1,1,2,2-Tetrafluoroethoxy)phenol	0946
	3-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1375		1,4-Bis(hydroxymethyl)-2,3,5,6-tetrafluorobenzene	1189
<b>C<sub>8</sub>H<sub>5</sub>F<sub>5</sub></b>	5,5-Bis(trifluoromethyl)-6,6,6-trifluorohexa-1,3-diene	1986		4-Methoxy-2,3,5,6-tetrafluorobenzyl alcohol	1237
<b>C<sub>8</sub>H<sub>5</sub>F<sub>5</sub>O</b>	1-(Pentafluorophenyl)ethanol	0707	<b>C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>2</sub></b>	1H,1H,5H-Octafluoropentyl acrylate	0665
	2-(Pentafluorophenyl)ethanol	0708	<b>C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>3</sub></b>	Methyl 2H,2H,7H-perfluoro-3-oxoheptanoate	0614
	1-Fluoro-4-(1,1,2,2-tetrafluoroethoxy)benzene	1191	<b>C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>4</sub></b>	Dimethyl octafluoroadipate	0348
	Ethoxypentafluorobenzene	1287	<b>C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>5</sub></b>	Dimethyl perfluoro(2-methyl-3-oxaadipinate)	1290
<b>C<sub>8</sub>H<sub>5</sub>F<sub>9</sub>N<sub>2</sub></b>	5(3)- Methyl-3(5)-(nonafluorobutyl)pyrazole	0629	<b>C<sub>8</sub>H<sub>6</sub>F<sub>11</sub>IO</b>	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluoropentane	0468
<b>C<sub>8</sub>H<sub>5</sub>F<sub>9</sub>O<sub>2</sub></b>	Allyl nonafluoropentanoate	0035	<b>C<sub>8</sub>H<sub>6</sub>F<sub>11</sub>IO<sub>2</sub></b>	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopentan-1-ol	0469
	5,5,6,6,7,7,8,8,8-Nonafluorooctane-2,4-dione	0653	<b>C<sub>8</sub>H<sub>6</sub>F<sub>12</sub>O<sub>2</sub></b>	1H,1H,8H,8H-Perfluorooctane-1,8-diol	1952
<b>C<sub>8</sub>H<sub>5</sub>F<sub>11</sub>O</b>	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-ene	0958	<b>C<sub>8</sub>H<sub>7</sub>BrF<sub>2</sub></b>	(2-Bromo-1,1-difluoroethyl)benzene	1944
<b>C<sub>8</sub>H<sub>5</sub>F<sub>11</sub>O<sub>2</sub></b>	2H,2H,3H,3H-Perfluorooctanoic acid	0825	<b>C<sub>8</sub>H<sub>7</sub>ClF<sub>3</sub>NO</b>	4-(2-Chloro-1,1,2-trifluoroethoxy)aniline	1371
	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-en-1-ol	0960	<b>C<sub>8</sub>H<sub>7</sub>F<sub>3</sub></b>	3-Methylbenzotrifluoride	1495
	[2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propyl]oxirane	0961		4-Methylbenzotrifluoride	1496
<b>C<sub>8</sub>H<sub>5</sub>F<sub>11</sub>O<sub>3</sub></b>	Ethyl perfluoro(2-methyl-3-oxahexanoate)	0382	<b>C<sub>8</sub>H<sub>7</sub>F<sub>3</sub>O</b>	1-Phenyl-2,2,2-trifluoroethanol	0903
	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentanoic acid	0956	<b>C<sub>8</sub>H<sub>7</sub>F<sub>4</sub>NO</b>	2-(1,1,2,2-Tetrafluoroethoxy)aniline	0934
<b>C<sub>8</sub>H<sub>5</sub>F<sub>13</sub></b>	1H,1H,1H,2H,2H-Perfluorooctane	1639		3-(1,1,2,2-Tetrafluoroethoxy)aniline	0935
<b>C<sub>8</sub>H<sub>5</sub>F<sub>13</sub>O</b>	1H,1H,2H,2H-Perfluorooctan-1-ol	0852		4-(1,1,2,2-Tetrafluoroethoxy)aniline	0936
<b>C<sub>8</sub>H<sub>6</sub>ClF<sub>3</sub>O<sub>2</sub></b>	4-(2-Chloro-1,1,2-trifluoroethoxy)phenol	1452	<b>C<sub>8</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub></b>	2,2,3,3,4,4,4-Heptafluorobutyl methacrylate	0422
<b>C<sub>8</sub>H<sub>6</sub>ClF<sub>5</sub>Si</b>	Chlorodimethyl(pentafluorophenyl)silane,99%	0203	<b>C<sub>8</sub>H<sub>7</sub>F<sub>7</sub>O<sub>3</sub></b>	Ethyl heptafluorobutyrylacetate	1719
<b>C<sub>8</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	2',4',6'-Trifluoroacetanilide	0991	<b>C<sub>8</sub>H<sub>7</sub>F<sub>11</sub>O<sub>2</sub></b>	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentan-1-ol	0957
<b>C<sub>8</sub>H<sub>6</sub>F<sub>4</sub></b>	1,4-Dimethyltetrafluorobenzene	0354	<b>C<sub>8</sub>H<sub>8</sub>BrF<sub>9</sub></b>	8-Bromo-1,1,1,2,2,3,3,4,4-nonafluorooctane	1279
<b>C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O</b>	4-Methyl-2,3,5,6-tetrafluoroanisole	0637	<b>C<sub>8</sub>H<sub>8</sub>FNO<sub>2</sub></b>	2-Fluorophenylglycine	0412

## Molecular Formula Index

**C<sub>8</sub>C<sub>9</sub>**

<b>C<sub>8</sub>H<sub>8</sub>F<sub>2</sub>O</b>	2-(Difluoromethoxy)toluene	0333	<b>C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>O<sub>3</sub></b>	Ethyl 2,2-dimethyltrifluoroacetoacetate	1716
<b>C<sub>8</sub>H<sub>8</sub>F<sub>6</sub>O<sub>2</sub></b>	2,2,3,4,4,4-Hexafluorobutyl methacrylate	0480		1,1,1-Trifluoro-5-methoxy-5-methylhexane-2,4-dione	1939
<b>C<sub>8</sub>H<sub>8</sub>F<sub>8</sub>O</b>	Allyl 1H,1H,5H-octafluoropentyl ether	1576	<b>C<sub>8</sub>H<sub>12</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,4-dibromo-1,1,2-trifluorooctane	0194
<b>C<sub>8</sub>H<sub>8</sub>F<sub>8</sub>O<sub>2</sub></b>	3-(1H,1H,5H-Octafluoropentoxy)-1,2-propenoxide	0875	<b>C<sub>8</sub>H<sub>12</sub>F<sub>3</sub>NO</b>	4-Diethylamino-1,1,1-trifluorobut-3-en-2-one	0322
<b>C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>I</b>	8-Iodo-1,1,1,2,2,3,3,4,4-nonafluorooctane	0522	<b>C<sub>8</sub>H<sub>12</sub>F<sub>5</sub>I</b>	4-Iodo-1,1,1,2,2-pentafluorooctane	1738
	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)heptane	1737	<b>C<sub>8</sub>H<sub>13</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluorooctane	0159
<b>C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>IO</b>	3-Iodo-5,5,6,6,7,7,8,8,8-nonafluorooctan-1-ol	1437	<b>C<sub>8</sub>H<sub>13</sub>Cl<sub>2</sub>F<sub>3</sub></b>	1,2-Dichloro-1,1,2-trifluorooctane	0314
<b>C<sub>8</sub>H<sub>8</sub>BrClF<sub>3</sub></b>	1-(2-Bromo-1-chlorotrifluoroethyl)cyclohexene	0103	<b>C<sub>8</sub>H<sub>13</sub>F<sub>3</sub></b>	1,1,2-Trifluorooct-1-ene	1089
<b>C<sub>8</sub>H<sub>8</sub>BrF<sub>4</sub></b>	1-(2-Bromotetrafluoroethyl)cyclohexene	0157	<b>C<sub>8</sub>H<sub>13</sub>F<sub>3</sub>O<sub>2</sub></b>	Ethyl 2,2-dimethyl-4,4,4-trifluorobutyrate	1717
<b>C<sub>8</sub>H<sub>8</sub>BrF<sub>8</sub>O<sub>3</sub>Si</b>	Trimethylsilyl 2-(2-bromotetrafluoroethoxy)tetrafluoropropionate	1814	<b>C<sub>8</sub>H<sub>13</sub>F<sub>5</sub>O</b>	7,7,8,8,8-Pentafluorooctan-1-ol	1433
<b>C<sub>8</sub>H<sub>8</sub>F<sub>3</sub></b>	1-(Trifluorovinyl)cyclohexene	1109	<b>C<sub>8</sub>H<sub>18</sub>F<sub>3</sub>NOSi<sub>2</sub></b>	N,O-Bis(trimethylsilyl)trifluoroacetamide	0098
<b>C<sub>8</sub>H<sub>8</sub>F<sub>7</sub>O<sub>2</sub></b>	n-Butyl heptafluorobutyrate, 98%	0187	<b>C<sub>9</sub>BrF<sub>17</sub>O</b>	Perfluorononanoyl bromide	0839
<b>C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>O</b>	5,5,6,6,7,7,8,8,8-Nonafluorooctan-1-ol	0654	<b>C<sub>9</sub>Br<sub>2</sub>F<sub>10</sub></b>	(2,3-Dibromopentafluoropropyl)pentafluorobenzene	1697
<b>C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>O<sub>2</sub>Si</b>	Trimethylsilyl nonafluoropentanoate	1596	<b>C<sub>9</sub>ClF<sub>17</sub>O</b>	Perfluorononanoyl chloride	0840
<b>C<sub>8</sub>H<sub>10</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	1-Bromo-2-(2-bromo-1-chlorotrifluoroethyl)cyclohexane	0099	<b>C<sub>9</sub>Cl<sub>2</sub>F<sub>16</sub>O</b>	9-Chloroperfluorononanoyl chloride	0237
<b>C<sub>8</sub>H<sub>10</sub>F<sub>6</sub>O<sub>2</sub></b>	4,4,4-Trifluorobutyl 4,4,4-trifluorobutyrate	1803	<b>C<sub>9</sub>F<sub>10</sub></b>	Perfluoroallylbenzene	0738
<b>C<sub>8</sub>H<sub>10</sub>F<sub>6</sub>O<sub>2</sub>Si</b>	2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one	1599	<b>C<sub>9</sub>F<sub>15</sub>N<sub>3</sub></b>	Tris(pentafluoroethyl)-1,3,5-triazine	1590
<b>C<sub>8</sub>H<sub>11</sub>BrClF<sub>3</sub></b>	1-Bromo-2-chloro-1,1,2-trifluorooct-3-ene	0104	<b>C<sub>9</sub>F<sub>17</sub>KO<sub>2</sub></b>	Potassium perfluorononanoate	1777
<b>C<sub>8</sub>H<sub>11</sub>BrF<sub>4</sub></b>	1-Bromo-1,1,2,2-tetrafluorooct-3-ene	0160	<b>C<sub>9</sub>F<sub>17</sub>N</b>	Perfluorononanenitrile	1857
<b>C<sub>8</sub>H<sub>11</sub>Cl<sub>2</sub>F<sub>3</sub></b>	(1,2-Dichlorotrifluoroethyl)cyclohexane	0312	<b>C<sub>9</sub>F<sub>18</sub></b>	Hexafluoropropene trimer (mixture of isomers)	0498
	1,2-Dichloro-1,1,2-trifluorooct-3-ene	0315	<b>C<sub>9</sub>F<sub>18</sub>O</b>	Perfluorononanoyl fluoride	1649
	2,2-Dichloro-1,1,1-trifluorooct-3-ene	0316	<b>C<sub>9</sub>F<sub>18</sub>O<sub>3</sub></b>	Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride	0776
<b>C<sub>8</sub>H<sub>11</sub>F<sub>3</sub></b>	(Trifluorovinyl)cyclohexane	1108	<b>C<sub>9</sub>HBrF<sub>16</sub>O</b>	9H-Perfluorononanoyl bromide	1387
<b>C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub></b>	5(3)-tert-Butyl-3(5)-(trifluoromethyl)pyrazole	1580		9H-Perfluorononanoyl chloride	1388
<b>C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub></b>	1,1,1-Trifluoro-5,5-dimethylhexane-2,4-dione	0355	<b>C<sub>9</sub>HClF<sub>16</sub>O<sub>2</sub></b>	9-Chloroperfluorononanoic acid, 95%	0236
	tert-Butyl 2-(trifluoromethyl)acrylate	1430	<b>C<sub>9</sub>HF<sub>11</sub>O</b>	(1,1,2,3,3,3-Hexafluoropropoxy)pentafluorobenzene	0500
	6-Methyl-1,1,1-trifluoroheptane-2,4-dione	1807	<b>C<sub>9</sub>HF<sub>13</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3(5)-heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0883



<b>C<sub>9</sub>HF<sub>17</sub>O<sub>2</sub></b>	Perfluorononanoic acid	0836	<b>C<sub>9</sub>H<sub>4</sub>F<sub>17</sub>NO<sub>2</sub></b>	Ammonium perfluorononanoate	1661
<b>C<sub>9</sub>HF<sub>17</sub>O<sub>4</sub></b>	Perfluoro(2,5-dimethyl-3,6-dioxanonanoic)acid	1171	<b>C<sub>9</sub>H<sub>5</sub>BrF<sub>4</sub></b>	1-Allyl-4-bromo-2,3,5,6-tetrafluorobenzene	1361
<b>C<sub>9</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	5,6,7,8-Tetrafluorocoumarin	1785	<b>C<sub>9</sub>H<sub>5</sub>BrF<sub>6</sub>O</b>	1-Bromo-4-(1,1,2,3,3,3-hexafluoropropoxy)benzene	1366
<b>C<sub>9</sub>H<sub>2</sub>F<sub>14</sub>N<sub>2</sub></b>	3,5-Bis(heptafluoropropyl)pyrazole	0082		1-Bromo-2-(1,1,2,3,3,3-hexafluoropropoxy)benzene	1673
<b>C<sub>9</sub>H<sub>2</sub>F<sub>14</sub>O<sub>2</sub></b>	5H,5H-Perfluorononane-4,6-dione	0833	<b>C<sub>9</sub>H<sub>5</sub>ClF<sub>6</sub></b>	(2-Chlorohexafluoroisopropyl)benzene	0209
<b>C<sub>9</sub>H<sub>2</sub>F<sub>16</sub>O<sub>2</sub></b>	9H-Perfluorononanoic acid	0835	<b>C<sub>9</sub>H<sub>5</sub>ClF<sub>6</sub>O</b>	2-(4-Chlorophenyl)hexafluoropropan-2-ol	0211
<b>C<sub>9</sub>H<sub>3</sub>BrF<sub>14</sub>O<sub>4</sub></b>	Methyl 8-bromoperfluoro(2,5-dimethyl-3,6-dioxaoctanoate)	1965	<b>C<sub>9</sub>H<sub>5</sub>F<sub>3</sub>O<sub>3</sub></b>	4-(Trifluoroacetyl)benzoic acid	1422
<b>C<sub>9</sub>H<sub>3</sub>F<sub>5</sub>O<sub>2</sub></b>	Pentafluorophenyl acrylate	1656	<b>C<sub>9</sub>H<sub>5</sub>F<sub>5</sub></b>	Allylpentafluorobenzene	0038
<b>C<sub>9</sub>H<sub>3</sub>F<sub>7</sub>O<sub>2</sub></b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenylacetic acid	0885	<b>C<sub>9</sub>H<sub>5</sub>F<sub>5</sub>O</b>	Allyloxypentafluorobenzene	0033
<b>C<sub>9</sub>H<sub>3</sub>F<sub>9</sub>O</b>	(2,2,3,3-Tetrafluoropropoxy)pentafluorobenzene	0734		Pentafluoroethyl phenyl ketone	0727
<b>C<sub>9</sub>H<sub>3</sub>F<sub>13</sub>O<sub>2</sub></b>	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluorohept-2-enoic acid	0416		(2,3,4,5,6-Pentafluorobenzyl)oxirane	1625
	2H,3H-Perfluoronon-2-enoic acid	0841	<b>C<sub>9</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub></b>	Ethyl pentafluorobenzoate	0379
<b>C<sub>9</sub>H<sub>3</sub>F<sub>15</sub>O<sub>2</sub></b>	Methyl perfluorooctanoate	1406		3-(Pentafluorophenyl)propionic acid	0710
<b>C<sub>9</sub>H<sub>3</sub>F<sub>17</sub>O</b>	1H,1H-Perfluorononan-1-ol	0838	<b>C<sub>9</sub>H<sub>5</sub>F<sub>7</sub></b>	(Heptafluoroisopropyl)benzene	1257
<b>C<sub>9</sub>H<sub>3</sub>F<sub>17</sub>O<sub>3</sub></b>	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanonan-1-ol)	1172	<b>C<sub>9</sub>H<sub>5</sub>F<sub>7</sub>O</b>	4-Ethoxy-2,3,5,6-tetrafluorobenzotrifluoride	1710
<b>C<sub>9</sub>H<sub>4</sub>BrF<sub>11</sub>N<sub>2</sub>O</b>	4-Bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0129	<b>C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>N<sub>2</sub></b>	5(3)-Methyl-3(5)-(perfluoropentyl)pyrazole	0633
<b>C<sub>9</sub>H<sub>4</sub>ClF<sub>11</sub>N<sub>2</sub></b>	4-Chloro-5(3)-methyl-3(5)-(perfluoropentyl)pyrazole	0219	<b>C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>N<sub>2</sub>O</b>	5(3)-Methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0634
<b>C<sub>9</sub>H<sub>4</sub>ClF<sub>11</sub>N<sub>2</sub>O</b>	4-Chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0220	<b>C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>O<sub>2</sub></b>	5,5,6,6,7,7,8,8,9,9,9-Undecafluorononane-2,4-dione	1116
<b>C<sub>9</sub>H<sub>4</sub>ClF<sub>3</sub>O<sub>2</sub></b>	4-Trifluoroacetylbenzoyl chloride	1847	<b>C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>O<sub>3</sub></b>	5-Heptafluoropropoxy-5,6,6,6-tetrafluorohexane-2,4-dione	0954
<b>C<sub>9</sub>H<sub>4</sub>ClF<sub>5</sub>O</b>	3-(Pentafluorophenyl)propionyl chloride	1758	<b>C<sub>9</sub>H<sub>5</sub>F<sub>13</sub></b>	1H,1H,1H,2H,3H-Perfluoronon-2-ene	1029
<b>C<sub>9</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub></b>	3,5-Bis(chloromethyl)-2,4,6-trifluorobenzotrifluoride	0062	<b>C<sub>9</sub>H<sub>5</sub>F<sub>13</sub>O</b>	1H,1H,1H,3H,3H-Perfluorononan-2-one	0609
<b>C<sub>9</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub></b>	2,3,5,6-Tetrafluorophenyl acrylate	1657		(1H,1H-Perfluoroheptyl)oxirane	0797
<b>C<sub>9</sub>H<sub>4</sub>F<sub>4</sub>O<sub>4</sub></b>	4-Acetoxytetrafluorobenzoic acid	1658		1H,1H,2H,3H-Perfluoronon-2-en-1-ol	0842
<b>C<sub>9</sub>H<sub>4</sub>F<sub>10</sub>N<sub>2</sub>O</b>	1-Acetyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0030		[2,2-Bis(trifluoromethyl)-1H,1H-heptafluoropentyl]oxirane	1611
<b>C<sub>9</sub>H<sub>4</sub>F<sub>11</sub>N<sub>3</sub>O<sub>3</sub></b>	5(3)-Methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0625	<b>C<sub>9</sub>H<sub>5</sub>F<sub>13</sub>O<sub>2</sub></b>	Ethyl perfluoroheptanoate	0381
<b>C<sub>9</sub>H<sub>4</sub>F<sub>13</sub>IO</b>	2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol	0547		4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptanoic acid	0415
<b>C<sub>9</sub>H<sub>4</sub>F<sub>16</sub>O</b>	1H,1H,9H-Perfluorononan-1-ol	0837		2H,2H,3H,3H-Perfluorononanoic acid	0834
<b>C<sub>9</sub>H<sub>4</sub>F<sub>17</sub>N</b>	1H,1H-Perfluorononylamine	0844	<b>C<sub>9</sub>H<sub>6</sub>BrF<sub>7</sub>N<sub>2</sub>O</b>	1-Acetyl-4-bromo-5(3)-heptafluoropropyl-3(5)-methylpyrazole	0006

## Molecular Formula Index

**C<sub>9</sub>**

<b>C<sub>9</sub>H<sub>6</sub>ClF<sub>3</sub>O<sub>2</sub></b>	3-(2-Chloro-1,1,2-trifluoroethoxy) benzaldehyde	1369		2,2,2-Trifluoroethyl phenyl ketone	1548
<b>C<sub>9</sub>H<sub>6</sub>ClF<sub>6</sub>NO</b>	3-Chloro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline	1691		3'-Methyl-2,2,2-trifluoroacetophenone	1549
<b>C<sub>9</sub>H<sub>6</sub>ClF<sub>7</sub>N<sub>2</sub>O</b>	1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0011	<b>C<sub>9</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub></b>	3,5-Dimethyl-2,4,6-trifluorobenzoic acid	1063
<b>C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O</b>	4-Methoxy-2,3,5,6-tetrafluorostyrene	1747		4'-Methoxy-2,2,2-trifluoroacetophenone	1379
<b>C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	2-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0937		Benzyl trifluoroacetate	1393
	3-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0938	<b>C<sub>9</sub>H<sub>7</sub>F<sub>4</sub>NO<sub>2</sub></b>	Ethyl 4-aminotetrafluorobenzoate	0362
	4-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0939	<b>C<sub>9</sub>H<sub>7</sub>F<sub>4</sub>NO<sub>3</sub></b>	2-(1,1,2,2-Tetrafluoroethoxy)-5-nitrotoluene	1296
	Ethyl 2,3,4,5-tetrafluorobenzoate	1345	<b>C<sub>9</sub>H<sub>7</sub>F<sub>5</sub>O</b>	Isopropoxypentafluorobenzene	1167
<b>C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>3</sub></b>	2-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0940		2,2,3,3,3-Pentafluoro-1-phenylpropan-1-ol	1445
	3-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0941		2-(Pentafluorophenyl)propan-2-ol	1449
	4-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0942	<b>C<sub>9</sub>H<sub>7</sub>F<sub>6</sub>NO</b>	4-(Hexafluoro-2-hydroxyisopropyl) aniline, 95%	0044
<b>C<sub>9</sub>H<sub>6</sub>F<sub>5</sub>NO<sub>2</sub></b>	2-Amino-3-(pentafluorophenyl)propionic acid	0706		2-(1,1,2,3,3,3-Hexafluoropropoxy)aniline	1732
<b>C<sub>9</sub>H<sub>6</sub>F<sub>6</sub>O</b>	Hexafluoro-2-phenylpropan-2-ol	0493	<b>C<sub>9</sub>H<sub>7</sub>F<sub>7</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0020
	(1,1,2,3,3,3-Hexafluoropropoxy)benzene	0499	<b>C<sub>9</sub>H<sub>7</sub>F<sub>9</sub>O<sub>2</sub></b>	1H,1H,2H,2H-Nonafluorohexyl acrylate	1946
<b>C<sub>9</sub>H<sub>6</sub>F<sub>6</sub>O<sub>2</sub></b>	4-(2-Hydroxyhexafluoroisopropyl)phenol	1126	<b>C<sub>9</sub>H<sub>7</sub>F<sub>13</sub>O</b>	3-(Perfluorohexyl)propan-1-ol	1028
	2-(1,1,2,3,3,3-Hexafluoropropoxy)phenol	1453		4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1666
	2-(2-Hydroxyhexafluoroisopropyl)phenol	1729	<b>C<sub>9</sub>H<sub>7</sub>F<sub>13</sub>O<sub>2</sub></b>	1H,1H,2H,3H,3H-Perfluorononane-1,2-diol	0832
<b>C<sub>9</sub>H<sub>6</sub>F<sub>7</sub>N</b>	4-Dimethylaminoheptafluorotoluene	0351	<b>C<sub>9</sub>H<sub>8</sub>ClF<sub>3</sub>O<sub>2</sub></b>	4-(2-Chloro-1,1,2-trifluoroethoxy)-2-methylphenol	1451
<b>C<sub>9</sub>H<sub>6</sub>F<sub>7</sub>N<sub>3</sub>O<sub>3</sub></b>	1-Acetyl-3(5)-heptafluoropropyl-5(3)-methyl-4-nitropyrazole	0017	<b>C<sub>9</sub>H<sub>8</sub>F<sub>3</sub>NO<sub>2</sub></b>	4-(Dimethylamino)-2,3,5-trifluorobenzoic acid	1136
<b>C<sub>9</sub>H<sub>6</sub>F<sub>12</sub>O<sub>2</sub></b>	Ethyl 7H-perfluoroheptanoate	1409	<b>C<sub>9</sub>H<sub>8</sub>F<sub>4</sub></b>	3,3,4,4-Tetrafluorotricyclo-[4.2.1.0<sup>2,5</sup>]non-7-ene	1794
<b>C<sub>9</sub>H<sub>6</sub>F<sub>13</sub>I</b>	2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane	0572	<b>C<sub>9</sub>H<sub>8</sub>F<sub>4</sub>O</b>	2-(1,1,2,2-Tetrafluoroethoxy)toluene	0947
	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-9-iodononane, 95%+	1934		3-(1,1,2,2-Tetrafluoroethoxy)toluene	0948
<b>C<sub>9</sub>H<sub>6</sub>F<sub>13</sub>IO</b>	2-Iodo-1H,1H,2H,3H,3H-perfluorononan-1-ol	0546		4-(1,1,2,2-Tetrafluoroethoxy)toluene	0949
	4,4-Bis(trifluoromethyl)-2-iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1667	<b>C<sub>9</sub>H<sub>8</sub>F<sub>8</sub>O<sub>2</sub></b>	1H,1H,5H-Octafluoropentyl methacrylate	0666
<b>C<sub>9</sub>H<sub>7</sub>BrF<sub>4</sub>O</b>	1-(Bromomethyl)-4-(1,1,2,2-tetrafluoroethoxy)benzene	1277	<b>C<sub>9</sub>H<sub>9</sub>F<sub>3</sub>O</b>	2-Phenyl-1,1,1-trifluoropropan-2-ol	1232
<b>C<sub>9</sub>H<sub>7</sub>F<sub>3</sub></b>	4-(Trifluoromethyl)styrene	1943	<b>C<sub>9</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub></b>	1-(4-Methoxyphenyl)-2,2,2-trifluoroethanol, 90%	1904
<b>C<sub>9</sub>H<sub>7</sub>F<sub>3</sub>O</b>	3-Phenyl-1,1,1-trifluoroacetone	1211	<b>C<sub>9</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub>S</b>	2,2,2-Trifluoroethyl p-toluenesulfonate	1074
	4-(Trifluoroacetyl)toluene	1372	<b>C<sub>9</sub>H<sub>9</sub>F<sub>5</sub>O<sub>3</sub>Si</b>	Trimethoxy(pentafluorophenyl)silane	0712

<b>C<sub>9</sub>H<sub>9</sub>F<sub>5</sub>Si</b>	Trimethyl(pentafluorophenyl)silane	0713	<b>C<sub>10</sub>H<sub>2</sub>F<sub>12</sub>MoO<sub>6</sub></b>	Molybdenum(VI) dioxide bis(1,1,1,5,5,5-hexafluoroacetylacetonate)	1515
<b>C<sub>9</sub>H<sub>9</sub>F<sub>11</sub>O<sub>3</sub>Si</b>	Trimethylsilyl 2-(heptafluoropropoxy)tetrafluoropropionate	1598	<b>C<sub>10</sub>H<sub>2</sub>F<sub>16</sub>N<sub>2</sub></b>	3(5)-Perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0809
<b>C<sub>9</sub>H<sub>9</sub>F<sub>13</sub>Si</b>	Trimethyl(perfluorohexyl)silane	1926	<b>C<sub>10</sub>H<sub>2</sub>F<sub>16</sub>O<sub>2</sub></b>	3H,3H-Perfluorodecane-2,4-dione	0767
<b>C<sub>9</sub>H<sub>10</sub>F<sub>8</sub>O<sub>3</sub></b>	Methyl 3-(2,2,3,3,4,4,5,5-octafluoropentoxy)propionate	1154	<b>C<sub>10</sub>H<sub>2</sub>F<sub>20</sub></b>	1H,10H-Perfluorodecane	0766
<b>C<sub>9</sub>H<sub>11</sub>F<sub>3</sub>O<sub>4</sub></b>	Ethyl 2-ethoxymethylene-4,4,4-trifluoroacetoacetate	1718	<b>C<sub>10</sub>H<sub>3</sub>Br<sub>2</sub>F<sub>17</sub></b>	1,2-Dibromo-1H,1H,2H-perfluorodecane	1326
<b>C<sub>9</sub>H<sub>11</sub>F<sub>5</sub>O<sub>2</sub></b>	6,6-Dimethyl-1,1,1,2,2-pentafluoroheptane-3,5-dione	0694	<b>C<sub>10</sub>H<sub>3</sub>ClF<sub>16</sub>O<sub>2</sub></b>	Methyl 9-chloroperfluorononanoate	0593
<b>C<sub>9</sub>H<sub>11</sub>F<sub>7</sub></b>	1,1,1,2,2,3,3-Heptafluoronon-4-ene	0456	<b>C<sub>10</sub>H<sub>3</sub>F<sub>4</sub>NO<sub>2</sub></b>	N-(2,3,5,6-Tetrafluorophenyl)maleimide	1570
	1,1,1,2-Tetrafluoro-2-(trifluoromethyl)oct-3-ene	1003	<b>C<sub>10</sub>H<sub>3</sub>F<sub>17</sub></b>	1H,1H,2H-Perfluorodec-1-ene	0769
<b>C<sub>9</sub>H<sub>11</sub>F<sub>7</sub>O</b>	1,1,1,2-Tetrafluoro-2-(trifluoromethoxy)oct-3-ene	0992	<b>C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>O</b>	2H,2H-Perfluorodecanal	1304
<b>C<sub>9</sub>H<sub>12</sub>F<sub>7</sub>I</b>	1,1,1,2,2,3,3-Heptafluoro-5-iodononane	0449	<b>C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>O<sub>2</sub></b>	Methyl perfluorononanoate	0613
	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)octane	0567	<b>C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>O<sub>3</sub></b>	Methyl perfluoro(1,4-dimethyl-2,5-dioxaoctyl) ketone, 92%	1940
<b>C<sub>9</sub>H<sub>12</sub>F<sub>7</sub>IO</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)octane	0560	<b>C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>O<sub>4</sub></b>	Methyl perfluoro(2,5-dimethyl-3,6-dioxanonoate)	0606
<b>C<sub>9</sub>H<sub>13</sub>F<sub>7</sub>O</b>	7,8,8,8-Tetrafluoro-7-(trifluoromethyl)octan-1-ol, 92%	1845	<b>C<sub>10</sub>H<sub>3</sub>F<sub>18</sub>I</b>	6-Iodo-5H,5H,6H-perfluorodecane	0536
<b>C<sub>9</sub>H<sub>19</sub>F</b>	1-Fluorononane	0409	<b>C<sub>10</sub>H<sub>4</sub>BrF<sub>17</sub></b>	1-Bromo-1H,1H,2H,2H-perfluorodecane	0140
<b>C<sub>10</sub>Cl<sub>2</sub>F<sub>20</sub></b>	1,10-Dichloroperfluorodecane	0305	<b>C<sub>10</sub>H<sub>4</sub>ClF<sub>13</sub>N<sub>2</sub></b>	4-Chloro-5(3)-methyl-3(5)-(perfluorohexyl)pyrazole	0217
<b>C<sub>10</sub>F<sub>8</sub></b>	Octafluoronaphthalene	0664	<b>C<sub>10</sub>H<sub>4</sub>F<sub>10</sub>O<sub>2</sub></b>	1,4-Bis(2,2,2-trifluoroethoxy)tetrafluorobenzene	0091
<b>C<sub>10</sub>F<sub>11</sub>IO<sub>4</sub></b>	[Bis(trifluoroacetoxy)iodo]pentafluorobenzene	1664	<b>C<sub>10</sub>H<sub>4</sub>F<sub>12</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0025
<b>C<sub>10</sub>F<sub>14</sub></b>	4-(Heptafluoroisopropyl)tetrafluorobenzotrifluoride	0812	<b>C<sub>10</sub>H<sub>4</sub>F<sub>16</sub>O<sub>2</sub></b>	Methyl 9H-perfluorononanoate, 89%	1886
<b>C<sub>10</sub>F<sub>18</sub></b>	cis/trans-Perfluorodecalin	0763	<b>C<sub>10</sub>H<sub>4</sub>F<sub>17</sub>I</b>	1-Iodo-1H,1H,2H,2H-perfluorodecane	0535
	cis-Perfluorodecalin	0764	<b>C<sub>10</sub>H<sub>5</sub>Br<sub>2</sub>Cl<sub>3</sub>F<sub>4</sub></b>	4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrifluoride	1358
	trans-Perfluorodecalin	0765	<b>C<sub>10</sub>H<sub>5</sub>Br<sub>2</sub>F<sub>7</sub></b>	4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrifluoride	1359
<b>C<sub>10</sub>F<sub>18</sub>O<sub>3</sub></b>	Nonafluoropentanoic anhydride	0863	<b>C<sub>10</sub>H<sub>5</sub>F<sub>4</sub>N</b>	4-Allyl-2,3,5,6-tetrafluorobenzonitrile	1485
<b>C<sub>10</sub>F<sub>20</sub></b>	Perfluoro(1,3-diethylcyclohexane)	1762	<b>C<sub>10</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub></b>	2,3,4,5,6-Pentafluorobenzyl acrylate	0684
	Perfluoro(butylcyclohexane)	1972	<b>C<sub>10</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub></b>	Pentafluorophenyl methacrylate	1302
<b>C<sub>10</sub>HF<sub>15</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0747	<b>C<sub>10</sub>H<sub>5</sub>F<sub>6</sub>IO<sub>4</sub></b>	[Bis(trifluoroacetoxy)iodo]benzene	1663
<b>C<sub>10</sub>H<sub>2</sub>BrF<sub>17</sub></b>	2-Bromo-1H,1H-perfluorodec-1-ene	1124	<b>C<sub>10</sub>H<sub>5</sub>F<sub>7</sub></b>	4-Allylheptafluorotoluene	1362
<b>C<sub>10</sub>H<sub>2</sub>Br<sub>3</sub>F<sub>17</sub></b>	1,2,2-Tribromo-1H,1H-perfluorodecane	1332	<b>C<sub>10</sub>H<sub>5</sub>F<sub>7</sub>O</b>	Heptafluoropropyl phenyl ketone	0429
<b>C<sub>10</sub>H<sub>2</sub>CuF<sub>12</sub>O<sub>4</sub></b>	Copper(II) hexafluoroacetylacetonate	1553	<b>C<sub>10</sub>H<sub>5</sub>F<sub>13</sub></b>	5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluoroocta-1,3-diene	1880

## Molecular Formula Index

**C<sub>10</sub>**

<b>C<sub>10</sub>H<sub>5</sub>F<sub>13</sub>N<sub>2</sub></b>	5(3)-Methyl-3(5)-(perfluorohexyl)pyrazole	0630	<b>C<sub>10</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub></b>	2,3,4,5,6-Pentafluorobenzyl propionate	1392
<b>C<sub>10</sub>H<sub>5</sub>F<sub>13</sub>O<sub>2</sub></b>	(Perfluoroheptanoyl)acetone	1024	<b>C<sub>10</sub>H<sub>7</sub>F<sub>5</sub>O<sub>3</sub></b>	Ethyl (pentafluorophenoxy)acetate	1723
	1H,1H-Perfluoroheptyl acrylate	1295	<b>C<sub>10</sub>H<sub>7</sub>F<sub>7</sub></b>	4-(Heptafluoroisopropyl)toluene	0455
<b>C<sub>10</sub>H<sub>5</sub>F<sub>15</sub>I</b>	2-Iodo-1H,1H,1H,2H,3H,3H-perfluorodecane	1487	<b>C<sub>10</sub>H<sub>7</sub>F<sub>7</sub>O</b>	4-Isopropoxy-2,3,5,6-tetrafluorobenzotrifluoride	0976
<b>C<sub>10</sub>H<sub>5</sub>F<sub>15</sub>O</b>	(1H,1H-Perfluorooctyl)oxirane	1315	<b>C<sub>10</sub>H<sub>7</sub>F<sub>13</sub>O<sub>2</sub></b>	Methyl 2H,2H,3H,3H-perfluorononanoate	1411
<b>C<sub>10</sub>H<sub>5</sub>F<sub>15</sub>O<sub>2</sub></b>	Ethyl perfluorooctanoate	1407	<b>C<sub>10</sub>H<sub>8</sub>BrF<sub>13</sub></b>	10-Bromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorodecane	1260
<b>C<sub>10</sub>H<sub>5</sub>F<sub>17</sub></b>	1H,1H,1H,2H,2H-Perfluorodecane	1640	<b>C<sub>10</sub>H<sub>8</sub>ClF<sub>3</sub>O<sub>2</sub></b>	4-(2-Chloro-1,1,2-trifluoroethoxy)acetophenone	1370
<b>C<sub>10</sub>H<sub>5</sub>F<sub>17</sub>O</b>	1H,1H,2H,2H-Perfluorodecan-1-ol	0768	<b>C<sub>10</sub>H<sub>8</sub>ClF<sub>8</sub>NO<sub>2</sub></b>	4-(3-Hydroxy-1,1,2,4,4,4-hexafluorobutoxy)-3-chloroaniline	1969
<b>C<sub>10</sub>H<sub>6</sub>BrF<sub>3</sub>N<sub>2</sub></b>	4-Bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0148	<b>C<sub>10</sub>H<sub>8</sub>CuF<sub>6</sub>O<sub>4</sub></b>	Copper(II) 1,1,1-trifluoroacetylacetonate	0269
<b>C<sub>10</sub>H<sub>6</sub>Br<sub>2</sub>F<sub>4</sub>O<sub>2</sub></b>	4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzoic acid	1360	<b>C<sub>10</sub>H<sub>8</sub>F<sub>2</sub>N<sub>2</sub></b>	3(5)-Difluoromethyl-5(3)-phenylpyrazole	0336
<b>C<sub>10</sub>H<sub>6</sub>ClF<sub>3</sub>N<sub>2</sub></b>	4-Chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0244	<b>C<sub>10</sub>H<sub>8</sub>F<sub>2</sub>O<sub>2</sub></b>	1-Phenyl-4,4-difluorobutane-1,3-dione	0337
<b>C<sub>10</sub>H<sub>6</sub>ClF<sub>3</sub>O<sub>2</sub></b>	1-(4-Chlorophenyl)-4,4,4-trifluorobutane-1,3-dione	1551	<b>C<sub>10</sub>H<sub>8</sub>F<sub>4</sub>O</b>	4-Ethoxy-2,3,5,6-tetrafluorostyrene	1711
<b>C<sub>10</sub>H<sub>6</sub>F<sub>3</sub>NO</b>	2-Phenyl-2-(trifluoroacetyl)acetonitrile	1773	<b>C<sub>10</sub>H<sub>8</sub>F<sub>4</sub>O<sub>2</sub></b>	3'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1381
<b>C<sub>10</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub></b>	4-Allyl-2,3,5,6-tetrafluorobenzoic acid	1247		4'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1382
	2,3,5,6-Tetrafluorophenyl methacrylate	1301	<b>C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>MoO<sub>6</sub></b>	Molybdenum(VI) dioxide bis(1,1,1-trifluoroacetylacetonate)	1516
<b>C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>O<sub>2</sub></b>	4-(1,1,2,3,3,3-Hexafluoropropoxy)benzaldehyde	1365	<b>C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>O</b>	Hexafluoro-2-(4-methylphenyl)propan-2-ol	0503
<b>C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>O<sub>3</sub></b>	4-(Hexafluoro-2-hydroxyisopropyl)benzoic acid	1869	<b>C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>O<sub>3</sub>S</b>	1,1,1,3,3,3-Hexafluoroisopropyl p-toluenesulfonate	0489
<b>C<sub>10</sub>H<sub>6</sub>F<sub>8</sub>O<sub>2</sub></b>	1,2-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0085	<b>C<sub>10</sub>H<sub>8</sub>F<sub>11</sub>I</b>	(4-Iodobutyl)perfluorocyclohexane	0520
	1,4-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0086	<b>C<sub>10</sub>H<sub>8</sub>F<sub>12</sub>O<sub>2</sub></b>	3-(1H,1H,7H-Perfluoroheptyloxy)-1,2-propenoxide	1603
	1,3-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0087	<b>C<sub>10</sub>H<sub>8</sub>F<sub>13</sub>I</b>	1-Iodo-4-(perfluorohexyl)butane	1333
<b>C<sub>10</sub>H<sub>6</sub>F<sub>12</sub>O<sub>2</sub></b>	1H,1H,7H-Perfluoroheptyl acrylate	0359	<b>C<sub>10</sub>H<sub>8</sub>F<sub>3</sub>O</b>	(3,4,4-Trifluorobut-3-enyloxy)benzene	1058
<b>C<sub>10</sub>H<sub>6</sub>F<sub>12</sub>O<sub>4</sub></b>	Dimethyl perfluorosuberate, 95%	1964	<b>C<sub>10</sub>H<sub>8</sub>F<sub>9</sub>O<sub>2</sub></b>	1H,1H,2H,2H-Nonafluorohexyl methacrylate	1427
<b>C<sub>10</sub>H<sub>6</sub>F<sub>17</sub>N</b>	1H,1H,2H,2H-Perfluorodecylamine	0773	<b>C<sub>10</sub>H<sub>8</sub>F<sub>11</sub>O</b>	4-(Perfluorocyclohexyl)butan-1-ol	0761
<b>C<sub>10</sub>H<sub>7</sub>BrF<sub>6</sub>O</b>	2-[4-(Bromomethyl)phenyl]hexafluoropropan-2-ol	1676	<b>C<sub>10</sub>H<sub>8</sub>F<sub>13</sub>O</b>	5,5-Bis(trifluoromethyl)-6,6,7,7,8,8-heptafluorooctan-1-ol, 99%	1953
<b>C<sub>10</sub>H<sub>7</sub>ClF<sub>2</sub>N<sub>2</sub></b>	4-Chloro-3(5)-difluoromethyl-5(3)-phenylpyrazole	0202	<b>C<sub>10</sub>H<sub>8</sub>F<sub>13</sub>O<sub>2</sub>Si</b>	Trimethylsilyl perfluoroheptanoate	1601
<b>C<sub>10</sub>H<sub>7</sub>ClF<sub>4</sub>O<sub>3</sub></b>	2-Chloro-5-(1,1,2,2-tetrafluoroethoxy)phenylacetic acid, 98%	1903	<b>C<sub>10</sub>H<sub>10</sub>F<sub>2</sub>O<sub>2</sub></b>	Ethyl 2,2-difluoro-2-phenylacetate	1853
<b>C<sub>10</sub>H<sub>7</sub>F<sub>3</sub>N<sub>2</sub></b>	5(3)-Phenyl-3(5)-(trifluoromethyl)pyrazole	0904	<b>C<sub>10</sub>H<sub>10</sub>F<sub>4</sub>O<sub>2</sub></b>	1,4-Diethoxytetrafluorobenzene	0320
<b>C<sub>10</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub></b>	1-Phenyl-4,4,4-trifluorobutane-1,3-dione	0051	<b>C<sub>10</sub>H<sub>10</sub>F<sub>4</sub>O<sub>2</sub>Si</b>	Trimethylsilyl 2,3,4,5-tetrafluorobenzoate	1937

<b>C<sub>10</sub>H<sub>10</sub>F<sub>4</sub>O<sub>3</sub>S</b>	2,2,3,3-Tetrafluoropropyl p-toluenesulfonate	0980	<b>C<sub>11</sub>H<sub>6</sub>BrF<sub>11</sub>N<sub>2</sub>O<sub>2</sub></b>	1-Acetyl-4-bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0005
<b>C<sub>10</sub>H<sub>10</sub>F<sub>8</sub>O<sub>4</sub></b>	Diethyl octafluoroadipate	1421	<b>C<sub>11</sub>H<sub>6</sub>ClF<sub>11</sub>N<sub>2</sub>O<sub>2</sub></b>	1-Acetyl-4-chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0010
<b>C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>O<sub>3</sub>S</b>	3,3,3-Trifluoropropyl p-toluenesulfonate	1471	<b>C<sub>11</sub>H<sub>6</sub>F<sub>6</sub>N<sub>2</sub></b>	1-Phenyl-3,5-bis(trifluoromethyl)pyrazole	0897
<b>C<sub>10</sub>H<sub>11</sub>F<sub>7</sub>O<sub>2</sub></b>	1,1,1,2,2,3,3-Heptafluoro-7,7-dimethyloctane-4,6-dione	0434	<b>C<sub>11</sub>H<sub>6</sub>F<sub>11</sub>N<sub>3</sub>O<sub>4</sub></b>	1-Acetyl-5(3)-methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0016
<b>C<sub>10</sub>H<sub>11</sub>F<sub>9</sub></b>	1,1,1,2,2,3-Hexafluoro-3-(trifluoromethyl)non-4-ene	0511	<b>C<sub>11</sub>H<sub>6</sub>F<sub>16</sub>O<sub>2</sub></b>	Ethyl 9H-perfluorononanoate	0384
<b>C<sub>10</sub>H<sub>12</sub>F<sub>3</sub>N</b>	2-Amino-1-[4-(trifluoromethyl)phenyl]propane	1659	<b>C<sub>11</sub>H<sub>6</sub>F<sub>17</sub>IO</b>	2-Iodo-1H,1H,2H,3H,3H-perfluoroundecan-1-ol	0552
<b>C<sub>10</sub>H<sub>12</sub>F<sub>9</sub>I</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)nonane	0484	<b>C<sub>11</sub>H<sub>6</sub>F<sub>17</sub>O<sub>4</sub></b>	N-(2-Hydroxyethyl)perfluoro(2,5-dimethyl-3,6-dioxanonan)amide	0515
<b>C<sub>10</sub>H<sub>14</sub>MoO<sub>6</sub></b>	Molybdenum(VI) dioxide bis(acetylacetonate)	0662	<b>C<sub>11</sub>H<sub>7</sub>F<sub>3</sub>O<sub>3</sub>S</b>	2-Naphthyl trifluoromethanesulfonate	1981
<b>C<sub>10</sub>H<sub>16</sub>Br<sub>2</sub>ClF<sub>3</sub></b>	2-Chloro-1,4-dibromo-1,1,2-trifluorodecane	0192	<b>C<sub>11</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub></b>	2,3,4,5,6-Pentafluorobenzyl methacrylate	0688
<b>C<sub>10</sub>H<sub>17</sub>F<sub>3</sub></b>	1,1,2-Trifluorodec-1-ene	1061	<b>C<sub>11</sub>H<sub>7</sub>F<sub>5</sub>O<sub>3</sub></b>	Ethyl (pentafluorobenzoyl)acetate	1722
<b>C<sub>10</sub>H<sub>17</sub>F<sub>3</sub>O<sub>2</sub></b>	4,4,4-Trifluorobutyl hexanoate	1802	<b>C<sub>11</sub>H<sub>7</sub>F<sub>11</sub>N<sub>2</sub>O<sub>2</sub></b>	1-Acetyl-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0019
<b>C<sub>10</sub>H<sub>17</sub>F<sub>7</sub>I</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)nonane	1745	<b>C<sub>11</sub>H<sub>7</sub>F<sub>13</sub>O<sub>2</sub></b>	1H,1H-Perfluoroheptyl methacrylate	1298
<b>C<sub>10</sub>H<sub>21</sub>F</b>	1-Fluorodecane	1476		1H,1H,2H,2H-Perfluorooctyl acrylate	1947
<b>C<sub>11</sub>F<sub>20</sub></b>	Perfluoro(methyldecalin) (mixture of isomers)	0816	<b>C<sub>11</sub>H<sub>7</sub>F<sub>15</sub>O</b>	Allyl 1H,1H-perfluorooctyl ether	1575
<b>C<sub>11</sub>F<sub>22</sub>O<sub>6</sub>S</b>	11-Fluorosulfonylperfluoro(2,5,8-trimethyl-3,6,9-trioxaundecanoyl) fluoride	1849	<b>C<sub>11</sub>H<sub>7</sub>F<sub>17</sub>O</b>	1H,1H,2H,2H,3H,3H-Perfluoroundecan-1-ol	1439
<b>C<sub>11</sub>HCIF<sub>20</sub>O</b>	11H-Perfluoroundecanoyl chloride	0892	<b>C<sub>11</sub>H<sub>7</sub>F<sub>17</sub>O<sub>2</sub></b>	1H,1H,2H,3H,3H-Perfluoroundecane-1,2-diol	0888
<b>C<sub>11</sub>HCIF<sub>20</sub>O<sub>2</sub></b>	11-Chloroperfluoroundecanoic acid	1389	<b>C<sub>11</sub>H<sub>8</sub>F<sub>6</sub>O</b>	Hexafluoro-2-(4-vinylphenyl)propan-2-ol	1733
<b>C<sub>11</sub>HF<sub>17</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3,5-bis(heptafluoropropyl)pyrazole	0083	<b>C<sub>11</sub>H<sub>8</sub>F<sub>6</sub>O<sub>2</sub></b>	4-(1,1,2,3,3,3-Hexafluoropropoxy)acetophenone	1367
<b>C<sub>11</sub>HF<sub>23</sub>O<sub>3</sub></b>	2H-Perfluoro(5,8-dimethyl-3,6,9-trioxadodecane)	1763	<b>C<sub>11</sub>H<sub>8</sub>F<sub>12</sub>O<sub>2</sub></b>	1H,1H,7H-Perfluoroheptyl methacrylate	1426
<b>C<sub>11</sub>H<sub>2</sub>F<sub>18</sub>N<sub>2</sub></b>	3,5-Bis(nonafluorobutyl)pyrazole	0070	<b>C<sub>11</sub>H<sub>9</sub>F<sub>13</sub>O</b>	Allyl 1H,1H,2H,2H-perfluorooctyl ether	1194
<b>C<sub>11</sub>H<sub>2</sub>F<sub>18</sub>O<sub>2</sub></b>	6H,6H-Perfluoroundecane-5,7-dione	0889	<b>C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub></b>	1-Phenyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0636
<b>C<sub>11</sub>H<sub>2</sub>F<sub>20</sub>O<sub>2</sub></b>	11H-Perfluoroundecanoic acid	0890	<b>C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub>O</b>	5(3)-(4-Methoxyphenyl)-3(5)-(trifluoromethyl)pyrazole	1208
	2,2,3,3,4,4,4-Heptafluorobutyl perfluoroheptanoate	1129	<b>C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub></b>	1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione	1550
<b>C<sub>11</sub>H<sub>4</sub>F<sub>14</sub>N<sub>2</sub>O</b>	1-Acetyl-3,5-bis(heptafluoropropyl)pyrazole	0003		2,4,6-Trifluorobenzyl methacrylate	1917
<b>C<sub>11</sub>H<sub>4</sub>F<sub>20</sub>O</b>	1H,1H,11H-Perfluoroundecan-1-ol	0891	<b>C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub></b>	1-(4-Methoxyphenyl)-4,4,4-trifluorobutane-1,3-dione	0586
<b>C<sub>11</sub>H<sub>5</sub>F<sub>17</sub>O</b>	(1H,1H-Perfluorononyl)oxirane	0845	<b>C<sub>11</sub>H<sub>9</sub>F<sub>17</sub>O<sub>2</sub>Si</b>	Trimethyl(perfluoro-1,1,2-trimethyl-3-oxahexyloxy)silane	1931
	1H,1H,2H,3H-Perfluoroundec-2-en-1-ol	1440	<b>C<sub>11</sub>H<sub>10</sub>F<sub>2</sub>N<sub>2</sub>O</b>	3(5)-Difluoromethyl-5(3)-(4-methoxyphenyl)pyrazolemethoxyphenyl	1140
<b>C<sub>11</sub>H<sub>5</sub>F<sub>17</sub>O<sub>2</sub></b>	Ethyl perfluorononanoate	0385			

## Molecular Formula Index

**C<sub>11</sub> C<sub>12</sub>**

<b>C<sub>11</sub>H<sub>10</sub>F<sub>2</sub>O<sub>3</sub></b>	4,4-Difluoro-1-(4-methoxyphenyl)butane-1,3-dione	0332	<b>C<sub>12</sub>H<sub>5</sub>F<sub>5</sub></b>	2,3,4,5,6-Pentafluorobiphenyl	0689
<b>C<sub>11</sub>H<sub>10</sub>F<sub>4</sub>O</b>	4-Isopropoxy-2,3,5,6-tetrafluorostyrene	1746	<b>C<sub>12</sub>H<sub>5</sub>F<sub>17</sub>N<sub>2</sub></b>	5(3)-Methyl-3(5)-(perfluorooctyl)pyrazole	0631
<b>C<sub>11</sub>H<sub>11</sub>F<sub>11</sub>O</b>	1,1,1,2-Tetrafluoro-2-(heptafluoropropoxy)oct-3-ene	0955	<b>C<sub>12</sub>H<sub>5</sub>F<sub>17</sub>O<sub>2</sub></b>	Allyl perfluorononanoate	0034
<b>C<sub>11</sub>H<sub>12</sub>F<sub>11</sub>IO</b>	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorooctane	0467		1H,1H,1H,3H,3H-Perfluorododecane-2,4-dione	0414
	4,4'-Dibromooctafluorobiphenyl	0955		1H,1H-Perfluorononyl acrylate	1838
<b>C<sub>12</sub>Br<sub>2</sub>F<sub>8</sub></b>	4,4'-Dibromooctafluorobiphenyl	0281	<b>C<sub>12</sub>H<sub>5</sub>F<sub>17</sub>O<sub>4</sub></b>	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanonyl) acrylate	1227
	2,2'-Dibromooctafluorobiphenyl	1941	<b>C<sub>12</sub>H<sub>6</sub>BrF<sub>7</sub>N<sub>2</sub></b>	4-Bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0147
<b>C<sub>12</sub>Cl<sub>4</sub>F<sub>22</sub></b>	1,2,11,12-Tetrachloroperfluorododecane	1781	<b>C<sub>12</sub>H<sub>6</sub>ClF<sub>7</sub>N<sub>2</sub></b>	4-Chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0243
<b>C<sub>12</sub>F<sub>10</sub></b>	Decafluorobiphenyl	0272	<b>C<sub>12</sub>H<sub>6</sub>F<sub>6</sub>N<sub>2</sub>O</b>	1-Benzoyl-3,5-bis(trifluoromethyl)pyrazole	0055
<b>C<sub>12</sub>F<sub>10</sub>S</b>	Decafluorodiphenyl sulfide	0703	<b>C<sub>12</sub>H<sub>6</sub>F<sub>12</sub>O<sub>2</sub></b>	1,3(1,4)-Bis(2-hydroxyhexafluoroisopropyl)benzene,	0063
<b>C<sub>12</sub>F<sub>21</sub>N<sub>3</sub></b>	Tris(heptafluoropropyl)-1,3,5-triazine	1591		1,3-Bis(2-hydroxyhexafluoroisopropyl)benzene	0064
<b>C<sub>12</sub>F<sub>23</sub>N</b>	Perfluoro-N-(4-methylcyclohexyl)piperidine	0815		1,4-Bis(2-hydroxyhexafluoroisopropyl)benzene	0065
<b>C<sub>12</sub>F<sub>24</sub>O<sub>4</sub></b>	Perfluoro(2,5,8-trimethyl-3,6,9-trioxadecanoyl) fluoride	1242		1,4-Bis(2,2,3,3-tetrafluoropropoxy)tetrafluorobenzene	0088
<b>C<sub>12</sub>F<sub>26</sub></b>	Perfluorododecane	1477	<b>C<sub>12</sub>H<sub>6</sub>F<sub>16</sub>O<sub>2</sub></b>	1H,1H,9H-Perfluorononyl acrylate	0843
<b>C<sub>12</sub>HF<sub>9</sub>O</b>	4-Hydroxynonafluorobiphenyl	1199	<b>C<sub>12</sub>H<sub>7</sub>F<sub>7</sub>N<sub>2</sub></b>	3(5)-Heptafluoropropyl-5(3)-phenylpyrazole	0881
<b>C<sub>12</sub>HF<sub>10</sub>OP</b>	Bis(pentafluorophenyl)hydroxyphosphine	0093	<b>C<sub>12</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub></b>	1-Phenyl-2H,2H-perfluorohexane-1,3-dione	0899
<b>C<sub>12</sub>HF<sub>19</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0808	<b>C<sub>12</sub>H<sub>8</sub>BrF<sub>3</sub>N<sub>2</sub>O</b>	1-Acetyl-4-bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0009
<b>C<sub>12</sub>H<sub>2</sub>F<sub>8</sub></b>	4H,4'H-Octafluorobiphenyl	0659	<b>C<sub>12</sub>H<sub>8</sub>ClF<sub>3</sub>N<sub>2</sub>O</b>	1-Acetyl-4-chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0014
<b>C<sub>12</sub>H<sub>2</sub>F<sub>8</sub>O<sub>2</sub></b>	4,4'-Di(hydroxy)octafluorobiphenyl	1874	<b>C<sub>12</sub>H<sub>8</sub>F<sub>16</sub>O<sub>2</sub></b>	3-(1H,1H,9H-Perfluorononyloxy)-1,2-propenoxide	1604
<b>C<sub>12</sub>H<sub>2</sub>F<sub>8</sub>O<sub>2</sub>•H<sub>2</sub>O</b>	4,4'-Di(hydroxy)octafluorobiphenyl hydrate	0339	<b>C<sub>12</sub>H<sub>8</sub>F<sub>17</sub>I</b>	1-Iodo-4-(perfluorooctyl)butane	1334
<b>C<sub>12</sub>H<sub>2</sub>F<sub>8</sub>S</b>	Bis(2,3,5,6-tetrafluorophenyl)sulfide	1507	<b>C<sub>12</sub>H<sub>8</sub>F<sub>3</sub>N<sub>2</sub>O</b>	1-Acetyl-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0031
<b>C<sub>12</sub>H<sub>2</sub>F<sub>9</sub>N</b>	4-Aminoperfluorobiphenyl	0043		1-Benzoyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0056
<b>C<sub>12</sub>H<sub>3</sub>F<sub>23</sub>O<sub>4</sub></b>	1H,1H-Perfluoro(2,5,8-trimethyl-3,6,9-trioxadecan-1-ol)	1772	<b>C<sub>12</sub>H<sub>8</sub>F<sub>13</sub>O<sub>2</sub></b>	1H,1H,2H,2H-Perfluorooctyl methacrylate	1308
<b>C<sub>12</sub>H<sub>4</sub>ClF<sub>17</sub>N<sub>2</sub></b>	4-Chloro-5(3)-methyl-3(5)-(perfluorooctyl)pyrazole	0218	<b>C<sub>12</sub>H<sub>8</sub>F<sub>15</sub>O<sub>2</sub></b>	n-Butyl perfluorooctanoate	1408
<b>C<sub>12</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>12</sub></b>	1,4-Bis(2-chlorohexafluoroisopropyl)benzene	0060	<b>C<sub>12</sub>H<sub>8</sub>F<sub>17</sub>O<sub>2</sub>Si</b>	Trimethylsilyl perfluorononanoate	1505
<b>C<sub>12</sub>H<sub>4</sub>F<sub>8</sub>N<sub>2</sub></b>	4,4'-Diaminooctafluorobiphenyl	0274	<b>C<sub>12</sub>H<sub>10</sub>F<sub>2</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-difluoromethyl-5(3)-phenylpyrazole	0015
<b>C<sub>12</sub>H<sub>4</sub>F<sub>14</sub></b>	1,4-Bis(heptafluoroisopropyl)benzene	0078	<b>C<sub>12</sub>H<sub>10</sub>F<sub>8</sub>O<sub>3</sub>S</b>	1H,1H,5H-Octafluoropentyl p-toluenesulfonate	1472
<b>C<sub>12</sub>H<sub>4</sub>F<sub>16</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0027	<b>C<sub>12</sub>H<sub>10</sub>F<sub>8</sub>O<sub>4</sub></b>	2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl diacrylate	1165

C <sub>12</sub> H <sub>11</sub> F <sub>13</sub>	1-(Perfluorohexyl)hex-1-ene	1025	C <sub>14</sub> H <sub>6</sub> F <sub>10</sub> N <sub>2</sub> O	1-Benzoyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0059
C <sub>12</sub> H <sub>12</sub> F <sub>4</sub> O	4-(tert-Butoxy)-2,3,5,6-tetrafluorostyrene	1514	C <sub>14</sub> H <sub>6</sub> F <sub>10</sub> O <sub>2</sub> Si	Dimethoxybis(pentafluorophenyl)silane	0346
C <sub>12</sub> H <sub>12</sub> F <sub>13</sub> I	2-Iodo-1-(perfluorohexyl)hexane	0571	C <sub>14</sub> H <sub>6</sub> F <sub>10</sub> Si	Bis(pentafluorophenyl)dimethylsilane	0352
C <sub>12</sub> H <sub>14</sub> F <sub>4</sub> O <sub>2</sub>	1,4-Diisopropoxytetrafluorobenzene	1706	C <sub>14</sub> H <sub>6</sub> F <sub>20</sub> O <sub>2</sub>	1H,1H,11H-Perfluoroundecyl acrylate	0893
	1,2-Diisopropoxytetrafluorobenzene	1938	C <sub>14</sub> H <sub>8</sub> BrF <sub>7</sub> N <sub>2</sub> O	1-Acetyl-4-bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0008
C <sub>12</sub> H <sub>15</sub> F <sub>5</sub> O <sub>3</sub> Si	Triethoxy(pentafluorophenyl)silane	0711	C <sub>14</sub> H <sub>8</sub> ClF <sub>7</sub> N <sub>2</sub> O	1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0013
C <sub>12</sub> H <sub>25</sub> F	1-Fluorododecane	0404	C <sub>14</sub> H <sub>9</sub> F <sub>5</sub> O <sub>3</sub> S	2,3,4,5,6-Pentafluorobenzyl p-toluenesulfonate	1901
C <sub>13</sub> F <sub>10</sub> O	Decafluorobenzophenone	0271	C <sub>14</sub> H <sub>9</sub> F <sub>7</sub> N <sub>2</sub> O	1-Acetyl-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0029
C <sub>13</sub> F <sub>10</sub> O <sub>3</sub>	Bis(pentafluorophenyl)carbonate	0067	C <sub>14</sub> H <sub>9</sub> F <sub>17</sub> O <sub>2</sub>	1H,1H,2H,2H-Perfluorodecyl methacrylate	0772
C <sub>13</sub> HF <sub>21</sub> N <sub>2</sub> O	1-Trifluoroacetyl-3,5-bis(nonafluorobutyl)pyrazole	0071	C <sub>14</sub> H <sub>10</sub> F <sub>4</sub> O	4-(1,1,2,2-Tetrafluoroethoxy)biphenyl	1376
C <sub>13</sub> H <sub>15</sub> F <sub>7</sub> O <sub>3</sub> Si	Triethoxy[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane	0886	C <sub>14</sub> H <sub>11</sub> ClF <sub>2</sub> O	2-Chloro-2,2-difluoro-1,1-diphenylethanol	1971
C <sub>13</sub> H <sub>2</sub> F <sub>10</sub>	Bis(pentafluorophenyl)methane	1120	C <sub>14</sub> H <sub>11</sub> F <sub>7</sub> O <sub>4</sub>	Diethyl 4-(trifluoromethyl)tetrafluoromethylmalonate	1877
C <sub>13</sub> H <sub>2</sub> F <sub>10</sub> O	Decafluorobenzhydrol	0270	C <sub>14</sub> H <sub>14</sub> F <sub>8</sub> O <sub>4</sub>	2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl dimethacrylate	1253
C <sub>13</sub> H <sub>3</sub> F <sub>23</sub> O <sub>5</sub>	Methyl perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoate)	1750	C <sub>14</sub> H <sub>15</sub> F <sub>13</sub>	1-(Perfluorohexyl)oct-1-ene	1030
C <sub>13</sub> H <sub>4</sub> F <sub>18</sub> N <sub>2</sub> O	1-Acetyl-3,5-bis(nonafluorobutyl)pyrazole	0001	C <sub>14</sub> H <sub>17</sub> F <sub>13</sub>	1-(Perfluorohexyl)octane	1768
C <sub>13</sub> H <sub>4</sub> F <sub>24</sub> O	1H,1H,13H-Perfluorotridecan-1-ol	0887	C <sub>14</sub> H <sub>18</sub> F <sub>4</sub> O <sub>2</sub>	1,4-Bis(tert-butoxy)tetrafluorobenzene 96%	0084
C <sub>13</sub> H <sub>5</sub> F <sub>5</sub> O	2,3,4,5,6-Pentafluorobenzophenone	0681	C <sub>15</sub> F <sub>30</sub> O <sub>5</sub>	Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoyl) fluoride	0514
C <sub>13</sub> H <sub>6</sub> ClF <sub>9</sub> N <sub>2</sub>	4-Chloro-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0229	C <sub>15</sub> HF <sub>29</sub> O <sub>6</sub>	Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoic) acid	1840
C <sub>13</sub> H <sub>6</sub> F <sub>20</sub> O <sub>2</sub>	Ethyl 11H-perfluoroundecanoate	0388	C <sub>15</sub> H <sub>2</sub> F <sub>26</sub> N <sub>2</sub>	3,5-Bis(perfluorohexyl)pyrazole	0076
C <sub>13</sub> H <sub>7</sub> F <sub>5</sub> O	2,3,4,5,6-Pentafluorobenzhydrol	0678	C <sub>15</sub> H <sub>2</sub> F <sub>26</sub> O <sub>2</sub>	8H,8H-Perfluoropentadecane-7,9-dione	0856
C <sub>13</sub> H <sub>7</sub> F <sub>9</sub> N <sub>2</sub>	3(5)-Nonafluorobutyl-5(3)-phenylpyrazole	0746	C <sub>15</sub> H <sub>3</sub> F <sub>29</sub> O <sub>5</sub>	1H,1H,-Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecan-1-ol)	1771
C <sub>13</sub> H <sub>7</sub> F <sub>9</sub> O <sub>2</sub>	1-Phenyl-2H,2H-perfluoroheptane-1,3-dione	0898	C <sub>15</sub> H <sub>6</sub> ClF <sub>13</sub> N <sub>2</sub>	4-Chloro-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0234
C <sub>13</sub> H <sub>7</sub> F <sub>17</sub> O <sub>2</sub>	1H,1H,2H,2H-Perfluorodecyl acrylate	0771	C <sub>15</sub> H <sub>6</sub> F <sub>12</sub> N <sub>2</sub> O	1-Benzoyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0057
C <sub>13</sub> H <sub>8</sub> F <sub>16</sub> O <sub>2</sub>	1H,1H,9H-Perfluorononyl methacrylate, 94%	1948	C <sub>15</sub> H <sub>7</sub> F <sub>13</sub> N <sub>2</sub>	3(5)-Perfluorohexyl-5(3)-phenylpyrazole	0806
C <sub>13</sub> H <sub>11</sub> F <sub>13</sub> O <sub>2</sub>	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl acrylate	1914	C <sub>15</sub> H <sub>7</sub> F <sub>13</sub> O <sub>2</sub>	1-Phenyl-2H,2H-perfluorononane-1,3-dione	0900
C <sub>14</sub> F <sub>26</sub> O <sub>3</sub>	Perfluoroheptanoic anhydride	0785	C <sub>15</sub> H <sub>8</sub> F <sub>20</sub> O <sub>2</sub>	1H,1H,11H-Perfluoroundecyl methacrylate	0894
C <sub>14</sub> F <sub>30</sub>	Perfluorotetradecane	1638	C <sub>15</sub> H <sub>8</sub> F <sub>24</sub> O <sub>2</sub>	Bis(1H,1H,7H-perfluoroheptyloxy) methane	0073
C <sub>14</sub> H <sub>6</sub> F <sub>8</sub>	4,4'-Dimethyloctafluorobiphenyl	0353	C <sub>15</sub> H <sub>9</sub> F <sub>24</sub> PO <sub>4</sub>	Tris(1H,1H,5H-octafluoropentyl) phosphate	1850

## Molecular Formula Index

**C<sub>15</sub>C<sub>24</sub>**

<b>C<sub>15</sub>H<sub>9</sub>F<sub>9</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0024	<b>C<sub>18</sub>H<sub>10</sub>F<sub>5</sub>P</b>	Diphenyl(pentafluorophenyl)phosphine	0383
<b>C<sub>15</sub>H<sub>21</sub>F<sub>13</sub>O<sub>3</sub>Si</b>	Triethoxy[4,4-bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl]silane	1919	<b>C<sub>18</sub>H<sub>10</sub>F<sub>12</sub>O<sub>2</sub></b>	4,4'-Bis(2-hydroxyhexafluoroisopropyl)biphenyl	0066
<b>C<sub>16</sub>BrF<sub>33</sub>O<sub>5</sub></b>	1-Bromoperfluoro(4,7,10,13-tetramethyl-3,6,9,12,15-pentaoxaheptadecane	1873	<b>C<sub>18</sub>H<sub>10</sub>F<sub>14</sub>O<sub>2</sub>Si</b>	Diethoxybis[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane	0319
<b>C<sub>16</sub>Cl<sub>2</sub>F<sub>32</sub></b>	1,16-Dichloroperfluorohexadecane	1155	<b>C<sub>18</sub>H<sub>25</sub>F<sub>13</sub></b>	1-(Perfluorohexyl)dodecane	1480
<b>C<sub>16</sub>F<sub>34</sub></b>	Perfluorohexadecane	1156	<b>C<sub>19</sub>H<sub>3</sub>F<sub>15</sub>OSi</b>	Methoxytris(pentafluorophenyl)silan	0588
<b>C<sub>16</sub>H<sub>3</sub>F<sub>29</sub>O<sub>6</sub></b>	Methyl perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoate)	1749	<b>C<sub>19</sub>H<sub>9</sub>F<sub>17</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0028
<b>C<sub>16</sub>H<sub>6</sub>F<sub>14</sub>N<sub>2</sub>O</b>	1-Benzoyl-3,5-bis(heptafluoropropyl)pyrazole	0054	<b>C<sub>20</sub>H<sub>29</sub>F<sub>13</sub></b>	1-(Perfluorohexyl)tetradecane	1481
<b>C<sub>16</sub>H<sub>6</sub>F<sub>14</sub>O<sub>2</sub>Si</b>	Dimethoxybis(4-perfluorotolyl)silane	1248	<b>C<sub>21</sub>F<sub>42</sub>O<sub>7</sub></b>	Perfluoro-2,5,8,11,14,17-hexamethyl-3,6,9,12,15,18-hexaoxaheneicosanoyl fluoride, 94%	1889
<b>C<sub>16</sub>H<sub>6</sub>F<sub>26</sub></b>	5H,5H,6H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodec-6-ene)	1893	<b>C<sub>22</sub>H<sub>6</sub>F<sub>26</sub>N<sub>2</sub>O</b>	1-Benzoyl-3,5-bis(perfluorohexyl)pyrazole	0053
<b>C<sub>16</sub>H<sub>8</sub>F<sub>26</sub></b>	5H,5H,6H,6H,7H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodecane)	1949	<b>C<sub>22</sub>H<sub>29</sub>F<sub>17</sub></b>	1-(Perfluorooctyl)tetradecane	1482
<b>C<sub>16</sub>H<sub>19</sub>F<sub>13</sub></b>	1-(Perfluorohexyl)dec-1-ene	1027	<b>C<sub>24</sub>H<sub>37</sub>F<sub>13</sub></b>	1-(Perfluorohexyl)octadecane	1767
<b>C<sub>16</sub>H<sub>19</sub>F<sub>17</sub>O<sub>3</sub>Si</b>	1H,1H,2H,2H-Perfluorodecyltriethoxysilane	1900			
<b>C<sub>16</sub>H<sub>21</sub>F<sub>13</sub></b>	1-(Perfluorohexyl)decane	1479			
<b>C<sub>16</sub>H<sub>23</sub>F<sub>13</sub>O<sub>3</sub>Si</b>	Triethoxy[5,5-bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluorooctyl]silane	1932			
<b>C<sub>17</sub>HF<sub>29</sub>N<sub>2</sub>O</b>	1-Trifluoroacetyl-3,5-bis(perfluorohexyl)pyrazole	0077			
<b>C<sub>17</sub>H<sub>4</sub>F<sub>26</sub>N<sub>2</sub>O</b>	1-Acetyl-3,5-bis(perfluorohexyl)pyrazole	0002			
<b>C<sub>17</sub>H<sub>6</sub>ClF<sub>17</sub>N<sub>2</sub></b>	4-Chloro-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0240			
<b>C<sub>17</sub>H<sub>6</sub>F<sub>16</sub>N<sub>2</sub>O</b>	1-Benzoyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0058			
<b>C<sub>17</sub>H<sub>7</sub>F<sub>17</sub>N<sub>2</sub></b>	3(5)-Perfluorooctyl-5(3)-phenylpyrazole	0854			
<b>C<sub>17</sub>H<sub>7</sub>F<sub>17</sub>O<sub>2</sub></b>	1-Phenyl-2H,2H-perfluoroundecane-1,3-dione	0901			
<b>C<sub>17</sub>H<sub>9</sub>F<sub>13</sub>N<sub>2</sub>O</b>	1-Acetyl-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0026			
<b>C<sub>17</sub>H<sub>10</sub>F<sub>6</sub>O<sub>4</sub></b>	2,2-Bis(4-carboxyphenyl)hexafluoropropane	1973			
<b>C<sub>18</sub>BF<sub>15</sub></b>	Tris(pentafluorophenyl)borane	1113			
<b>C<sub>18</sub>F<sub>15</sub>P</b>	Tris(pentafluorophenyl)phosphine	1114			
<b>C<sub>18</sub>F<sub>36</sub>O<sub>6</sub></b>	Perfluoro-2,5,8,11,14-pentamethyl-3,6,9,12,15-pentaoxaoctadecanoyl fluoride, 96%	1888			
<b>C<sub>18</sub>H<sub>5</sub>F<sub>10</sub>P</b>	Bis(pentafluorophenyl)phenylphosphine	0068			
<b>C<sub>18</sub>H<sub>6</sub>F<sub>18</sub>N<sub>2</sub>O</b>	1-Benzoyl-3,5-bis(nonafluorobutyl)pyrazole	0052			



## CAS検索

CAS index	substance	catalog number	CAS index	substance	catalog number
75-45-6	Chlorodifluoromethane (Freon 22)	1950	314-41-0	2,3,4,6-Tetrafluoronitrobenzene	1185
75-61-6	Dibromodifluoromethane	0277	315-14-0	2,4,6-Trifluoronitrobenzene	1088
75-63-8	Bromotrifluoromethane	0181	319-88-0	1,3,5-Trichlorotrifluorobenzene	1018
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1689	326-06-7	1-Phenyl-4,4,4-trifluorobutane-1,3-dione	0051
75-69-4	Fluorotrichloromethane	1491	327-54-8	1,2,4,5-Tetrafluorobenzene, 98%	0919
75-88-7	2-Chloro-1,1,1-trifluoroethane	0262	328-84-7	3,4-Dichlorobenzotrifluoride	1976
75-89-8	2,2,2-Trifluoroethanol, 99%	1067	334-56-5	1-Fluorodecane	1476
75-90-1 component	Trifluoroacetaldehyde hydrate, 75% (tech.)	1033	334-68-9	1-Fluorododecane	0404
76-04-0	Chlorodifluoroacetic acid	0198	335-08-0	2-Hydroxy-2-(trifluoromethyl)propionitrile	1039
76-05-1	Trifluoroacetic acid, 99%	1036	335-23-9	Perfluoro(1,3-diethylcyclohexane)	1762
76-12-0	1,2-Difluorotetrachloroethane	1905	335-27-3	Perfluoro(1,3-dimethylcyclohexane), tech.	0775
76-13-1	1,1,2-Trichlorotrifluoroethane	1022	335-42-2	Heptafluorobutyl fluoride	1546
76-18-6	2-Chloroheptafluoropropane	1143	335-56-8	1-Bromoperfluorohexane	0142
76-21-1	9H-Perfluorononanoic acid, 95%	0835	335-57-9	Perfluoroheptane	1764
76-37-9	2,2,3,3-Tetrafluoropropan-1-ol, 99%	0968	335-58-0	1-Iodoperfluoroheptane, 80%	1742
79-38-9	Chlorotrifluoroethene	0263	335-64-8	Perfluorooctanoyl chloride, 95%	1651
79-51-6	1,3-Difluorotetrachloroacetone	1908	335-65-9	1H-Perfluorooctane, 96%	1175
79-52-7	1,1,3-Trichloro-1,3,3-trifluoroacetone	1909	335-66-0	Perfluorooctanoyl fluoride, 95%	1652
79-53-8	Chloropentafluoroacetone	0226	335-67-1	Perfluorooctanoic acid	1286
98-13-5	Phenyltrichlorosilane, 99%	0902	335-70-6	1,8-Diiodoperfluorooctane	0349
98-61-3	4-Iodobenzenesulfonyl chloride	1469	335-95-5	Sodium perfluorooctanoate	1780
106-90-1	2,3-Epoxypropyl acrylate	1817	335-99-9	1H,1H,7H-Perfluoroheptan-1-ol, 98%	0789
116-15-4	Hexafluoropropene	0496	336-01-6	8H-Perfluorooct-1-ene	1607
121-17-5	4-Chloro-3-nitrobenzotrifluoride	0223	336-06-1	Octafluoroadipoyl dichloride	1420
124-73-2	1,2-Dibromotetrafluoroethane (Freon 114 B2)	0291	336-07-2	1H,6H-Perfluorohexane, 98%	0798
127-21-9	1,3-Dichlorotetrafluoroacetone	1907	336-08-3	Octafluoroadipic acid	0655
303-04-8	2,3-Dichlorohexafluorobut-2-ene	0297	336-13-0	1-Bromoperfluorocyclohexane	0139
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1960	336-15-2	Chloroperfluorocyclohexane	1492
306-94-5	cis/trans-Perfluorodecalin, 99%	0763	336-23-2	Potassium nonafluoropentanoate	1152
307-22-2	1-Chloro-6H-perfluorohexane	0233	336-59-4	Heptafluorobutyric anhydride, 99%	0427
307-29-9	1H,1H-Perfluorooctylamine, 85%	1529	336-62-9	Ethyl heptafluorobutylacetate	1719
307-30-2	1H,1H-Perfluorooctan-1-ol, 96%	1438	337-20-2	Octafluorobutan-2-one	1490
307-31-3	Perfluorooctanamide	1535	337-28-0	Pentafluoropropionaldehyde ethyl hemiacetal (tech.)	1910
307-35-7	Perfluorooctanesulfonyl fluoride	0849	337-82-6	Ethyl 2,2,3,3-tetrafluoropropionate	1725
307-59-5	Perfluorododecane	1477	338-03-4	3-Hydroxy-3-methyl-4,4,4-trifluorobutyric acid	0516
307-620	Perfluorotetradecane	1638	338-65-8	2-Chloro-1,1-difluoroethane	1984
307-70-0	1H,1H,11H-Perfluoroundecan-1-ol, 94%	0891	338-75-0	1,2-Dichloro-3,3,3-trifluoropropane	0318
307-87-9	1H,1H-Perfluorononyl acrylate	1838	340-05-6	1-Phenyl-2,2,2-trifluoroethanol	0903
307-96-0	n-Butyl perfluorooctanoate, 92%	1408	344-00-3	Ethyl 2-methyl-4,4,4-trifluoroacetoacetate	0376
307-99-3	1H,8H-Perfluorooctane	0847	344-03-6	1,4-Dibromotetrafluorobenzene, 99%	0287
308-28-1	Nonafluoropentanoic anhydride, 99%	0863	344-04-7	Bromopentafluorobenzene	0133
309-88-6	N,N-Diethyl-1,1,2,3,3,3-hexafluoropropylamine (Ishikawa's reagent)	0323	344-07-0	Chloropentafluorobenzene	0228
310-71-4	Ethyl 2-chloro-1,1,2-trifluoroethyl ether	0264	345-40-4	2,2,3,3,3-Pentafluoro-1-phenylpropan-1-ol	1445
311-81-9	1,2-Dichlorodifluoroethylene	0294	348-75-4	3-Methyl-4,4,4-trifluorobutyric acid	1653
311-86-4	2-Bromo-3,3,3-trifluoropropan-1-ol	1687	349-49-5	2-Amino-4-trifluoromethyl-1,3-thiazole	1250
313-72-4	Octafluoronaphthalene	0664	350-57-2	(1,1,2,2-Tetrafluoroethoxy)benzene	1364
			350-92-5	3-Phenyl-1,1,1-trifluoroacetone	1211

351-70-2	Benzyl trifluoroacetate	1393	355-93-1	1H,1H,5H-Octafluoropentyl methacrylate	0666
352-23-8	Ethyl 3,3,3-trifluoropropionate	1269	355-94-2	5-Bromo-1,1,1,2,2,3,3-heptafluoropentane	1336
352-24-9	Ethyl 4,4-difluoroacetoacetate	0370	355-95-3	4,4,5,5,6,6,6-Heptafluorohex-2-ene	0441
352-60-3	5-Iodo-1,1,1-trifluoropentane	0578	356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid	0438
352-61-4	5,5,5-Trifluoropentan-1-ol	1091	356-03-6	4,4,5,5,6,6,6-Heptafluorohex-2-enoic acid	0804
352-87-4	2,2,2-Trifluoroethyl methacrylate	1073	356-24-1	Methyl heptafluorobutyrate, 98%	0598
353-36-6	Fluoroethane	0405	356-26-3	Heptafluorobutanal ethyl hemiacetal	1911
353-54-8	Fluorotribromomethane (FC 11B3)	1010	356-27-4	Ethyl heptafluorobutyrate, 99%	0373
353-83-3	2-Iodo-1,1,1-trifluoroethane	0575	356-30-9	5,5,6,6,7,7,7-Heptafluoroheptane-2,4-dione	0436
353-85-5	Trifluoroacetonitrile	1040	356-32-1	Methyl 2,2,3,3,4,4-hexafluorobutyrate	1864
354-08-5	Bromodifluoroacetic acid, 98%	0113	356-40-1	5,5,6,6,6-Pentafluorohexane-2,4-dione	0696
354-19-8	Dichlorodifluoroacetic acid	1827	356-42-3	Pentafluoropropionic anhydride, 99%	0716
354-24-5	Chlorodifluoroacetyl chloride	0200	356-73-0	5-Bromo-4-chloro-4,4,5-trifluoropent-2-ene	0107
354-27-8	Chlorodifluoroacetyl fluoride	0201	356-86-5	2,2,3,3,3-Pentafluoropropyl acrylate	0728
354-28-9	Chlorodifluoroacetamide	0197	357-26-6	Octafluorobut-1-ene, 90% (8%-isomer)	1163
354-31-4	Trifluoroacetyl bromide	1203	357-83-5	N,N-Diethyl-2-chloro-1,1,2-trifluoroethylamine (Yarovenko's reagent)	0266
354-32-5	Trifluoroacetyl chloride, 98%	1042	357-98-2	(1,1,2,3,3,3-Hexafluoropropoxy)benzene	0499
354-33-6	Pentafluoroethane, 99%	0695	358-23-6	Trifluoromethanesulfonic anhydride	1455
354-34-7	Trifluoroacetyl fluoride	1043	358-37-2	n-Butyl 1,1,2,2-tetrafluoroethyl ether	0189
354-37-0	Trifluoroacetamidine	1229	359-01-3	2-Fluorobutane	1870
354-38-1	Trifluoroacetamide	1035	359-07-9	1-Bromo-2,2-difluoroethane (FC-142B1)	1671
354-41-6	1-Iodo-1,1,2,2-tetrafluoroethane, 98%	1956	359-12-6	Difluoroacetonitrile	0256
354-51-8	1-Chloro-1,2-dibromotrifluoroethane	0193	359-13-7	2,2-Difluoroethanol, 98%	0329
354-53-0	1-Bromo-2-chlorotetrafluoroethane	1503	359-37-5	Iodotrifluoroethylene	0576
354-54-1	2-Bromo-1-chloro-1-iodotrifluoroethane	1674	359-38-6	Difluoroacetamide	1138
354-55-2	Bromopentafluoroethane	0136	359-41-1	(Trifluoromethyl)oxirane	1085
354-56-3	Fluoropentachloroethane	1961	359-49-9	2,3,3,3-Tetrafluoropropionic acid	0971
354-61-0	1,2-Dichloro-2-iodotrifluoroethane, 93%	0301	359-70-6	Perfluorotriethylamine, 98%	1112
354-64-3	Iodopentafluoroethane, 98% min	0527	360-54-3	Methyl 3,3,3-trifluoro-2-(trifluoromethyl) propionate	0624
354-69-8	3-Iodo-1,1,1,2,2-pentafluoropropane	0529	360-89-4	Octafluorobut-2-ene	0661
354-76-7	Pentafluoropropionamide	0714	360-92-9	N,N-Diethyltrifluoroacetamide	1397
355-02-2	Perfluoro(methylcyclohexane), 95% min	0814	362-56-1	1,4-Dimethoxytetrafluorobenzene	0347
355-08-8	3,3,4,4,5,5,5-Heptafluoropent-1-ene	0462	363-40-6	2',4',6'-Trifluoroacetanilide	0991
355-17-9	Methyl heptafluoropropyl ketone	0461	363-58-6	Ethyl 2-chloro-4,4,4-trifluoroacetoacetate	0368
355-20-4	2,3-Dichlorooctafluorobutane	0303	363-72-4	Pentafluorobenzene	0676
355-22-6	3,3,4,4,5,5,5-Heptafluoro-2-methylpentan-2-ol	1153	363-73-5	2,3,4,6-Tetrafluoroaniline	1340
355-24-8	1,4-Dichlorooctafluorobutane	0302	363-81-5	2,4,6-Trifluoroaniline	1046
355-27-1	1H,1H-Nonafluoropentylamine	0877	367-57-7	1,1,1-Trifluoroacetylacetone	1090
355-28-2	1H,1H-Nonafluoropentan-1-ol	0865	367-64-6	n-Butyl trifluoroacetate	1394
355-30-6	Perfluoropentanal hydrate	0858	368-35-4	n-Butyl difluoroacetate	1399
355-36-2	1-Bromo-6H-perfluorohexane	0143	368-53-6	5-(Trifluoromethyl)-1,3-phenylenediamine	1086
355-37-3	1H-Perfluorohexane, 98%	0799	368-66-1	Tris(trifluoromethyl)-1,3,5-triazine	1261
355-40-8	1,6-Dichloroperfluorohexane	0306	369-22-2	Tris(difluoromethyl)-1,3,5-triazine	1816
355-41-9	1-Chloroperfluorohexane	1137	371-26-6	Ethyl 4,4,4-trifluorobutyrate	1254
355-42-0	Perfluorohexane, 99%	0800	371-41-5	4-Fluorophenol	1201
355-43-1	1-Iodoperfluorohexane	0539	371-62-0	2-Fluoroethanol	1951
355-47-5	1H,1H-Perfluorononylamine	0844	372-27-0	Ethyl 3-bromo-4,4,4-trifluorobutyrate	1713
355-49-7	Perfluorohexadecane	1156	372-30-5	Ethyl 3-hydroxy-4,4,4-trifluorobutyrate	0375
355-66-8	Octafluoroadipamide	0656	372-31-6	Ethyl 4,4,4-trifluoroacetoacetate	0392
355-69-1	Iodoperfluorocyclohexane, 94%	0534	372-38-3	1,3,5-Trifluorobenzene	1048
355-74-8	2,2,3,3,4,4,5,5-Octafluorohexane-1,6-diol	0663	372-46-3	Fluorocyclohexane	0403
355-75-9	Decafluorocyclohexene, 94%	0760	373-14-8	1-Fluorohexane	0408
355-80-6	1H,1H,5H-Octafluoropentan-1-ol, 99%	0864	373-88-6	2,2,2-Trifluoroethylamine hydrochloride	1524
355-84-0	5,5,6,6,7,7,8,8,8-Nonafluorooctane-2,4-dione	0653			
355-86-2	Tris(1H,1H,5H-octafluoropentyl)phosphate	1850			

<b>374-01-6</b>	1,1,1-Trifluoropropan-2-ol	1097	<b>378-75-6</b>	Methyl pentafluoropropionate, 99%	0603
<b>374-14-1</b>	2,2,3,3,3-Pentafluoropropylamine hydrochloride	1528	<b>378-76-7</b>	Potassium pentafluoropropionate	1240
<b>374-25-4</b>	4-Bromo-3-chloro-3,4,4-trifluorobut-1-ene	0102	<b>378-77-8</b>	Sodium pentafluoropropionate	0909
<b>374-26-5</b>	3,4-Dichloro-3,4,4-trifluorobut-1-ene	0311	<b>378-81-4</b>	4-Chloroheptafluorobut-1-ene	1613
<b>374-27-6</b>	3,3,4,4,4-Pentafluorobut-1-ene, 99%	0692	<b>379-90-8</b>	2,2,3,4,4,4-Hexafluorobutyric acid	1383
<b>374-35-6</b>	2-Hydroxy-2-(trifluoromethyl)propionic acid	1131	<b>379-95-3</b>	Dimethyl difluoromalonate	1305
<b>374-40-3</b>	3,3,4,4,4-Pentafluorobutan-2-ol	0691	<b>380-34-7</b>	Ethyl 1,1,2,3,3,3-hexafluoropropyl ether	1563
<b>374-41-4</b>	Methyl pentafluoroethyl ketone	1166	<b>380-44-9</b>	Allyl 2-chloro-1,1,2-trifluoroethyl ether	1577
<b>374-60-7</b>	Perfluoro(butylcyclohexane)	1972	<b>380-45-0</b>	2-Chloroethyl 2-chloro-1,1,2-trifluoroethyl ether	0205
<b>374-88-9</b>	Perfluorocyclohexanecarboxylic acid, 95%	0759	<b>380-57-4</b>	2-Chloro-1,4-dibromo-1,1,2-trifluoropentane	0195
<b>374-98-1</b>	4-Iodo-1,1,1,2,2,3,3-heptafluorobutane	0445	<b>381-71-5 (E)</b>	1,2-Dichloro-1,2-difluoroethylene	0294
<b>374-99-2</b>	2,2,3,3,4,4,4-Heptafluorobutylamine	0744	<b>381-72-6</b>	Difluoroacetyl chloride	0325
<b>375-00-8</b>	Heptafluorobutyronitrile	0428	<b>381-73-7</b>	Difluoroacetic acid, 98%	0324
<b>375-01-9</b>	2,2,3,3,4,4,4-Heptafluorobutan-1-ol, 99%	0419	<b>381-84-0</b>	2-(Trifluoromethyl)acrylonitrile	1082
<b>375-02-0</b>	Heptafluorobyaldehyde	1196	<b>381-88-4</b>	1,1,1-Trifluorobutan-2-one	1053
<b>375-03-1</b>	Methyl heptafluoropropyl ether	1558	<b>381-98-6</b>	2-(Trifluoromethyl)acrylic acid	1313
<b>375-13-3</b>	Heptafluorobutyl bromide	0430	<b>382-01-4</b>	3-Bromo-1,1,1-trifluorobutan-2-one	1684
<b>375-14-4</b>	3,3,4,4,5,5,5-Heptafluoropentan-2-ol	0460	<b>382-14-9</b>	2-(Bromomethyl)-1,1,1,3,3,3-hexafluoropropane	1501
<b>375-16-6</b>	Heptafluorobutyl chloride, 98%	0431	<b>382-15-0</b>	1-Bromo-2-(trifluoromethyl)-3,3,3-trifluoropropene	1512
<b>375-19-9</b>	Heptafluorobutanamidine	1534	<b>382-19-4</b>	3,3,3-Trifluoro-2-(trifluoromethyl)propionyl chloride	1270
<b>375-21-3</b>	Heptafluorobutylaldehyde hydrate	0424	<b>382-31-0</b>	2,2,3,4,4,4-Hexafluorobutan-1-ol	0478
<b>375-22-4</b>	Heptafluorobutyric acid, 99%	0426	<b>382-34-3</b>	1,1,2,3,3,3-Hexafluoropropyl methyl ether	0501
<b>375-45-1</b>	1,2,3,4-Tetrachlorohexafluorobutane	0913	<b>382-40-1</b>	Ethyl 2,2-dibromo-4,4,4-trifluoroacetate	1291
<b>375-48-4</b>	1-Bromononafluorobutane	0138	<b>382-43-4</b>	3-Hydroxy-2-(trifluoromethyl)propionic acid, 92%	0517
<b>375-51-9</b>	2-Iodononafluorobutane	0531	<b>382-90-1</b>	Methyl 2-(trifluoromethyl)acrylate	1429
<b>375-53-1</b>	Perfluoropentanal	1912	<b>382-93-4</b>	Methyl 2,3,3,3-tetrafluoropropionate	0617
<b>375-53-1 component</b>	Perfluoropentanal hydrate	0858	<b>383-61-9</b>	Ethyl dichlorodifluoroacetate	1288
<b>375-60-0</b>	Nonafluoropentanoyl chloride, 98%	0869	<b>383-62-0</b>	Ethyl chlorodifluoroacetate	0365
<b>375-62-2</b>	Nonafluoropentanoyl fluoride	1428	<b>383-63-1</b>	Ethyl trifluoroacetate, 99%	0391
<b>375-72-4</b>	Perfluorobutanesulfonyl fluoride	1761	<b>383-67-5</b>	Allyl trifluoroacetate, 98%	0037
<b>375-82-6</b>	1H,1H-Perfluoroheptan-1-ol, 98%	0788	<b>383-84-6</b>	1,1,2-Trifluorobut-1-ene	1056
<b>375-84-8</b>	Perfluoroheptanoyl fluoride	0795	<b>384-51-0</b>	2,3-Dibromohexafluorobut-2-ene	1521
<b>375-85-9</b>	Perfluoroheptanoic acid, 98%	0787	<b>384-67-8</b>	2-Chloro-2,2-difluoroacetophenone, 96%	1239
<b>375-95-1</b>	Perfluorononanoic acid	0836	<b>389-40-2</b>	2,3,4,5,6-Pentafluoroanisole	0673
<b>376-18-1</b>	1H,1H,9H-Perfluorononan-1-ol, 95% min	0837	<b>392-41-6</b>	Methyl trifluoroacrylate	0621
<b>376-27-2</b>	Methyl perfluorooctanoate, 92%	1406	<b>392-56-3</b>	Hexafluorobenzene, 99%	0476
<b>376-32-9</b>	1-Iodo-1H,1H,7H-perfluoroheptane	0537	<b>392-56-3</b>	Hexafluorobenzene, 99.9%	0495
<b>376-50-1</b>	Diethyl perfluoroadipate	1421	<b>392-57-4</b>	1,4-Diiodotetrafluorobenzene	0343
<b>376-53-4</b>	Octafluoroadipodinitrile	0657	<b>392-63-2</b>	N,N-Diethyl-2,3,3,3-tetrafluoropropionamide	1400
<b>376-69-2</b>	5H-Octafluoropentanoyl bromide	0866	<b>393-75-9</b>	4-Chloro-3,5-dinitrobenzotrifluoride, 98% min	0204
<b>376-71-6</b>	5H-Octafluoropentanoyl chloride	0868	<b>393-77-1</b>	2,6-Dinitro-4-(trifluoromethyl)phenol, 95%	0358
<b>376-72-7</b>	5H-Octafluoropentanoic acid, 98%	0861	<b>394-52-5</b>	Pentafluoroethyl phenyl ketone	0727
<b>376-84-1</b>	1H,1H,5H-Octafluoropentyl acrylate	0665	<b>394-59-2</b>	4-(Trifluoroacetyl)toluene	1372
<b>376-98-7</b>	Methyl 1H,1H-heptafluorobutyl ether	1592	<b>399-92-8</b>	Ethyl 2,3,3,3-tetrafluoropropionate	0390
<b>377-36-6</b>	1H,4H-Octafluorobutane, 98%	0660	<b>400-28-2 (E)</b>	3-(Trifluoromethyl)crotonic acid	1285
<b>377-46-8</b>	4,5-Dibromo-1,1,1,2,2,3,3-heptafluoropentane	1319	<b>400-37-3</b>	1,1,1-Trifluoropropyl acetate	1805
<b>377-52-6</b>	Heptafluorobutanol methyl hemiacetal	1852	<b>400-38-4</b>	Isopropyl trifluoroacetate, 99%	0580
<b>378-13-2</b>	2-Chloro-1,4-dibromo-1,1,2-trifluorobutane	0191	<b>400-49-7</b>	1,1,1,4,4,4-Hexafluorobutan-2-one	1727
<b>378-16-5</b>	Methyl 2,2,3,3,3-pentafluoropropyl ether	1560	<b>400-52-2</b>	tert-Butyl trifluoroacetate	1395
<b>378-34-7</b>	(Heptafluoroisopropyl)benzene	1257	<b>400-53-3</b>	Trimethylsilyl trifluoroacetate	1815
<b>378-67-6</b>	Methyl 2-bromotetrafluoropropionate	0591	<b>400-54-4</b>	1,1,1-Trifluorohexane-2,4-dione	1244
<b>378-69-8</b>	3,4-Dibromo-1,1,1,2,2-pentafluorobutane	1318	<b>401-49-0</b>	1,1,2-Trifluoropenta-1,4-diene	1522
<b>378-72-3</b>	Ethyl pentafluoroethyl ketone	1541			

401-67-2	Difluoroacetic anhydride	1702	423-55-2	1-Bromoperfluorooctane, 99%	0145
401-78-5	3-Bromobenzotrifluoride, 98%	1669	423-56-3	1H,1H-Perfluorononan-1-ol, 98%	0838
401-79-6	3-Methylbenzotrifluoride	1495	423-72-3	1H,1H,13H-Perfluorotridecan-1-ol, 90%	0887
401-94-5	3-Amino-5-nitrobenzotrifluoride	1373	423-95-0	9H-Perfluorononanoyl chloride	1388
401-99-0	3,5-Dinitrobenzotrifluoride	0356	424-36-2	Ethyl nonafluoropentanoate, 99%	0387
402-43-7	4-Bromobenzotrifluoride	1494	424-64-6	2,2,3,3,4,4,4-Heptafluorobutyl acrylate	0420
402-50-6	4-(Trifluoromethyl)styrene	1943	425-61-6	2,2,3,3-Tetrafluorobutane-1,4-diol	1784
403-61-2	4-(2-Chloro-1,1,2-trifluoroethoxy)aniline	1371	425-75-2	Ethyl trifluoromethanesulfonate	1317
406-10-0	Ethyl 4,4,4-trifluorocrotonate	1238	425-87-6	Methyl 2-chloro-1,1,2-trifluoroethyl ether	0265
406-39-3	1,1,1-Trifluorobut-2-ene	1055	425-88-7	Methyl 1,1,2,2-tetrafluoroethyl ether	0616
406-47-3	2-Bromo-4,4,4-trifluorobutane	1683	426-54-0	2-Phenyl-1,1,1-trifluoropropan-2-ol	1232
406-78-0	1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether	1202	426-65-3	Ethyl pentafluoropropionate, 99%	0380
406-81-5	1-Bromo-4,4,4-trifluorobutane	0177	428-59-1	Hexafluoropropene oxide	0497
406-85-9	4-Chloro-1,1,1-trifluorobutane	1693	428-63-7	2,2-Difluoropropane-1,3-diol	1236
406-86-0	4,4,4-Trifluorocrotononitrile	1207	430-67-1	2,2-Difluoroethylamine	0330
406-89-3	1-Methoxy-3,3,3-trifluoropropene	1160	431-05-0	1,1-Difluoroacetone	1703
406-92-8	4,4,4-Trifluorocrotonoyl chloride	1431	431-21-0	1,2-Dibromo-3,3,3-trifluoropropane	0292
406-93-9	4,4,4-Trifluorobutyric acid	1059	431-32-3	2,3,3,3-Tetrafluoropropionitrile	0973
406-94-0 (E)	4,4,4-Trifluorocrotonic acid	1060	431-34-5	3-Bromo-1,1,1-trifluoropropan-2-ol	0183
406-95-1	2,2,2-Trifluoroethyl acetate	1070	431-35-6	3-Bromo-1,1,1-trifluoroacetone	0174
407-12-5	(2,2,2-Trifluoroethyl)oxirane, 98%	1076	431-36-7	1,1,1-Trifluorobutan-2-ol	1799
407-25-0	Trifluoroacetic anhydride, 99%	1037	431-38-9	3-Amino-1,1,1-trifluoropropan-2-ol	1118
407-38-5	2,2,2-Trifluoroethyl trifluoroacetate, 99%	1075	431-40-3	1,1,1-Trifluoroacetone oxime	1475
407-47-6	2,2,2-Trifluoroethyl acrylate	1071	431-44-7	Methyl dichlorofluoroacetate	1833
407-62-5	5,5,5-Trifluoropentanoic acid	1809	431-46-9	Trifluoroacetaldehyde methyl hemiacetal	1034
407-97-6	1-Bromo-5-fluoropentane	1858	431-47-0	Methyl trifluoroacetate, 99%	0619
421-06-7	2-Bromo-1,1,1-trifluoroethane	0179	431-52-7	1,1,2-Trichloro-3,3,3-trifluoroprop-1-ene	1023
421-45-4	Chlorodifluoroacetyl bromide	0199	431-67-4	1,1-Dibromo-3,3,3-trifluoroacetone	1135
421-46-5	2-Bromo-1,1,1-trifluoropropane	1686	431-72-1	Trifluoropyruvic acid monohydrate	1813
421-49-8	2-Amino-1,1,1-trifluoropropane	1179	431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane	0304
421-50-1	1,1,1-Trifluoroacetone	1038	433-06-7	2,2,2-Trifluoroethyl p-toluenesulfonate	1074
421-53-4 diol	Trifluoroacetaldehyde hydrate, 75% (tech.)	1033	433-27-2	Trifluoroacetaldehyde ethyl hemiacetal	1032
421-70-5	1-Bromo-2-iodotetrafluoroethane	1493	433-53-4	Methyl difluoroacetate	0596
421-78-3	1-Chloro-2-iodotetrafluoroethane, 95%	0214	434-45-7	2,2,2-Trifluoroacetophenone	1041
421-83-0	Trifluoromethanesulfonyl chloride	1456	434-64-0	Octafluorotoluene	0670
421-90-9	2,2,3-Tribromo-1,1,1-trifluoropropane	1013	434-90-2	Decafluorobiphenyl	0272
422-01-5	3-Bromo-1,1,1,2,2-pentafluoropropane	1678	440-60-8	2,3,4,5,6-Pentafluorobenzyl alcohol	0685
422-02-6	3-Chloro-1,1,1,2,2-pentafluoropropane	1642	445-28-3	2-Fluorobenzamide	1200
422-03-7	2,2,3,3,3-Pentafluoropropylamine	0732	446-52-6	2-Fluorobenzaldehyde	0401
422-04-8	Pentafluoropropionitrile	0715	453-11-2	1-Chloro-3-fluoropropan-2-ol, 95%	1212
422-05-9	2,2,3,3,3-Pentafluoropropan-1-ol, 99%	0717	453-13-4	1,3-Difluoropropan-2-ol	1224
422-22-0	2-Bromotetrafluoropropionamide	0166	453-34-9	3-Hydroxy-4,4,4-trifluorobutyramide	0519
422-59-3	Pentafluoropropionyl chloride	0725	453-35-0	3-Nitro-1,1,1-trifluoropropan-2-ol	0669
422-61-7	Pentafluoropropionyl fluoride	0879	454-31-9	Ethyl difluoroacetate, 99%	0369
422-62-8	Pentafluoropropanamidine	1316	454-89-7	3-(Trifluoromethyl)benzaldehyde	1321
422-63-9	Pentafluoropropanal hydrate	0721	455-19-6	4-(Trifluoromethyl)benzaldehyde	1281
422-64-0	Pentafluoropropionic acid, 98%	0723	455-32-3	Benzoyl fluoride	1662
422-77-5	2-Bromoheptafluoropropane	0123	456-55-3	(Trifluoromethoxy)benzene	1209
422-85-5	1-Bromoheptafluoropropane	0124	458-92-4	(Difluoromethoxy)benzene	0327
422-86-6	1-Chloroheptafluoropropane (FC 217A)	1119	459-59-6	4-Fluoro-N-methylaniline	1206
423-31-4	1-Chloro-4H-octafluorobutane	0224	460-32-2	1-Bromo-3,3,3-trifluoropropane	0182
423-39-2	1-Iodononafluorobutane	0530	460-34-4	1,1,1-Trifluorobutane	1478
423-49-4	1H,1H-Perfluoroheptylamine	0796	460-35-5	3-Chloro-1,1,1-trifluoropropane	0267
423-50-7	Perfluorohexanesulfonyl fluoride, 93%	1902	460-37-7	1-Iodo-3,3,3-trifluoropropane	0579
423-53-0	1-Chloro-8H-perfluorooctane	0238	460-39-9	3,3,3-Trifluoropropylamine	1182

460-40-2	3,3,3-Trifluoropropanal	1099	652-31-3	Pentafluorobenzamide	0675
461-01-8	2-Chloro-1,4-dibromo-1,1,2-trifluorodecane	0192	652-32-4	4-Methyltetrafluorobenzoic acid, 98%	0642
461-17-6	1-Iodo-4,4,4-trifluorobutane	1217	652-34-6	4-Hydroxy-2,3,5,6-tetrafluorobenzoic acid	0962
461-18-7	4,4,4-Trifluorobutan-1-ol	1052	652-36-8	Tetrafluoroterephthalic acid	0985
461-34-7	4,4,4-Trifluorobutyramide	1081	653-11-2	2,3,5,6-Tetrafluorophenylhydrazine	0966
461-82-5	4-(Trifluoromethoxy)aniline	1080	653-21-4	(Pentafluorophenyl)acetic acid	0704
461-92-7	6-Methyl-1,1,1-trifluoroheptane-2,4-dione	1807	653-30-5	Pentafluorophenylacetonitrile	0705
462-40-8	1-Fluoro-3-iodopropane	1924	653-31-6	2-(Pentafluorophenyl)ethanol	0708
463-11-6	1-Fluorooctane	0410	653-34-9	2,3,4,5,6-Pentafluorostyrene, 99%	0733
463-18-3	1-Fluorononane	0409	653-35-0	2,3,4,5,6-Pentafluorobenzyl chloride	0687
463-98-9	2,2-Dichloro-2-fluoroethanol	1699	653-37-2	Pentafluorobenzaldehyde	0674
464-00-6	2-Chloro-2,2-difluoroethanol	1690	654-53-5	2,3,4,5-Tetrafluorobenzotrifluoride, 98%	1783
464-21-1	Perfluorohexanamide	1442	659-98-3	tert-Butyl 1,1,2,2-tetrafluoroethyl ether	0188
492-16-0	2-Phenyl-2-(trifluoroacetyl)acetonitrile	1773	661-11-0	1-Fluoroheptane	0407
500-73-2	Phenyl trifluoroacetate, 98%	0896	661-54-1	3,3,3-Trifluoropropyne	1101
503-09-3	Epifluorohydrin	1707	661-82-5	3-Chlorotetrafluoropropionic acid	0250
507-52-8	2-(Trifluoromethyl)propan-2-ol	1231	661-95-0	1,2-Dibromohexafluoropropane	0279
507-63-1	1-Iodoperfluorooctane	0548	661-97-2	1,2-Dichlorohexafluoropropane	0299
512-51-6	Ethyl 1,1,2,2-tetrafluoroethyl ether	0389	662-22-6	2-Hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionic acid	0518
527-21-9	Tetrafluoro-1,4-benzoquinone	0923	662-50-0	Heptafluorobutyramide, 98%	0425
540-87-4	3-Iodo-1,1,1-trifluorobutane, 95%	0573	662-62-4	7-Chloroperfluoroheptanoyl chloride	0231
551-62-2	1,2,3,4-Tetrafluorobenzene	0917	662-63-5	7-Chloroperfluoroheptanoyl fluoride	0232
558-86-1	1-Bromo-4H-octafluorobutane	0137	663-35-4	Ethyl pentafluoropropionylacetate	1300
558-89-4	1-Chlorononafluorobutane	1641	663-41-2	Tetrafluorosuccinodinitrile	1791
558-95-2	Perfluorononanoyl fluoride	1649	663-73-0	2,2,3,3-Tetrafluoropropionyl chloride	0975
559-11-5	1H,1H-Perfluoroheptyl acrylate	1295	667-27-6	Ethyl bromodifluoroacetate, 98%	0363
559-14-8	Perfluorooct-1-ene	1511	652-30-2	(Dichloromethyl)pentafluorobenzene	1876
559-91-1	Heptafluoropropyl phenyl ketone	0429	674-35-1	2-Iodo-4,4,4-trifluorobut-2-en-1-ol	0574
564-10-3	3,3,3-Trifluoro-2-(trifluoromethyl)propionic acid	1105	674-53-3	4,4,4-Trifluorobut-2-en-1-ol	1057
571-55-1	Ethyl 2-(ethoxymethylene)-4,4,4-trifluoroacetate	1718	675-14-9	Cyanuric fluoride 2,4,6-Trifluoro-1,3,5-triazine	1589
584-20-3	3-Amino-4,4,4-trifluorobutyric acid	1294	675-62-7	(3,3,3-Trifluoropropyl)methyldichlorosilane	1933
590-76-1	4,4,4-Trifluorocrotonamide	1303	677-21-4	3,3,3-Trifluoropropene	1098
592-50-7	1-Fluoropentane	0411	677-69-0	Heptafluoro-2-iodopropane	0453
593-70-4	Chlorofluoromethane (Freon-31)	1959	677-77-0	2-Hydroxy-2-(trifluoromethyl)-3,3,3-trifluoropropionitrile	1734
598-39-0	2-Iodo-1,1-difluoroethane	1736	678-18-2	Methyl nonafluorobutyl ketone	0604
598-88-9 (Z)	1,2-Dichloro-1,2-difluoroethylene	0294	678-32-0	1,2-Dibromoperfluoroheptane	1506
602-94-8	Pentafluorobenzoic acid	0679	678-39-7	1H,1H,2H,2H-Perfluorodecan-1-ol	0768
646-97-9	2-Allylhexafluoroisopropanol	1446	678-74-0	1-Iodo-1H,1H,5H-octafluoropentane	0551
647-25-6	1,8-Dichloroperfluorooctane	0308	679-02-7	4,4,5,5,6,6,6-Heptafluorohexan-1-ol	0439
647-42-7	1H,1H,2H,2H-Perfluorooctan-1-ol	0852	679-03-8	4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol	0442
647-44-9	7H-Perfluoroheptanal	0781	679-12-9	2,2,3,3,4,4-Hexafluorobutyric acid	1863
647-44-9 component	7H-Perfluoroheptanal hydrate	0782	679-69-6	1,2-Dichloro-4-iodo-1,1,2-trifluorobutane, 95%	0313
647-84-7	4,4,5,5,6,6,6-Heptafluoro-2-iodohexan-1-ol	1518	679-85-6	3-Chloro-1,1,2,2-tetrafluoropropane	0249
648-42-0	Allyl 1H,1H-heptafluorobutyl ether	1574	679-87-8	1-Iodo-2,2,3,3-tetrafluoropropane	0557
649-65-0	1,1,1,5,5,5-Hexafluoro-2-hydroxy-2-methylpentan-2-one	1547	679-97-0	3,3,4,4-Tetrafluorobutan-2-one	0931
651-80-9	2,3,5,6-Tetrafluorobenzotrifluoride	0924	680-05-7	Methyl heptafluoroisobutyrate	0599
651-83-2	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)aniline	0047	680-28-4	n-Butyl pentafluoropropionate	1403
651-84-3	Tetrafluoro-4-(trifluoromethyl)thiophenol	1130	680-54-6	1,1,2,3,3,4,4-Heptafluorobut-1-ene	1176
652-03-9	Tetrafluorophthalic acid	1894	681-58-3	2,2,3,3-Tetrafluoropropyl acetate	1283
652-18-6	2,3,5,6-Tetrafluorobenzoic acid	0922	681-68-5	Allyl 2,2,3,3-tetrafluoropropyl ether	1579
652-22-2	Perfluoroacetophenone	0737	683-81-8	Difluoromethyldimethylamine	1322
652-29-9	2',3',4',5',6'-Pentafluoroacetophenone	0671	683-98-7	Methyl bromodifluoroacetate	0590
			684-07-1	3,3,3-Trifluoro-DL-lactic acid	1132

684-10-6	Trifluoroethenesulfonyl fluoride, 92%	1068	771-60-8	Pentafluoroaniline	0672
684-16-2	Hexafluoroacetone	0472	771-61-9	Pentafluorophenol	0700
684-78-6	N,O-Bis(trifluoroacetyl)hydroxylamine	0090	771-62-0	Pentafluorothiophenol	0735
685-27-8	N-Methyl-bis(trifluoroacetamide)	1398	771-63-1	Tetrafluorobenzene-1,4-diol	0967
685-63-2	Hexafluorobut-1,3-diene	0477	773-15-9	1-(Trifluoromethyl)trifluoroethanesultone	0826
688-29-9	3,3,3-Trifluoropropanal diethylacetal	1310	773-82-0	Pentafluorobenzonitrile	0680
690-27-7	1,1,3,3,3-Pentafluoropropene	0718	776-39-6	Ethoxypentafluorobenzene	1287
690-95-9	4,4,4-Trifluorobutyronitrile	1134	776-40-9	1,4-Bis(bromomethyl)tetrafluorobenzene	1342
691-77-0 (E)	Ethyl 3-(trifluoromethyl)crotonate	1218	778-34-7	Pentafluorobenzotrichloride	0682
692-05-7	1,1,2-Trifluorodec-1-ene	1061	778-35-8	4-Methyl-2,3,5,6-tetrafluorobenzotrifluoride	0638
692-50-2	Hexafluorobut-2-yne	0481	778-36-9	Pentafluorobenzenesulfonamide, 96%	1978
698-80-6	3,4-Difluorobenzyl chloride	0328	784-14-5	2,3,4,5,6-Pentafluorobiphenyl	0689
700-16-3	Pentafluoropyridine	1581	786-31-2	2,2,3,3-Tetrafluoropropyl p-toluenesulfonate	0980
700-17-4	2,3,5,6-Tetrafluoroaniline	0914	788-67-0	3,3-Bis(trifluoromethyl)-2-fluoro-2-(pentafluoroethyl)oxirane	1665
700-27-6	(Trifluoromethyl)maleic anhydride, 99%	1084	799-34-8	3-(1H,1H,7H-Perfluoroheptyloxy)-1,2-propenoxide	1603
703-87-7	1,4-Dimethyltetrafluorobenzene	0354	802-93-7	1,3(1,4)-Bis(2-hydroxyhexafluoroisopropyl)benzene, 85% (15%)	0063
703-95-7	5-Fluoroorotic acid monohydrate	0413	802-93-7	1,3-Bis(2-hydroxyhexafluoroisopropyl)benzene	0064
706-89-8	3-(2,2,3,3,3-Pentafluoropropoxy)-1,2-propenoxide	1759	812-72-6	Allyl 1H,1H-perfluorooctyl ether	1575
709-21-7	2,2,2-Trifluoroethyl phenyl ketone	1548	812-87-3	7H-Perfluoroheptanal hydrate	0782
711-38-6	4'-Methoxy-2,2,2-trifluoroacetophenone	1379	813-03-6	5H-Octafluoropentanol fluoride	0870
713-62-2	4-(1,1,2,2-Tetrafluoroethoxy)aniline	0936	813-44-5	Bis(heptafluoroisopropyl)ketone	1545
715-31-1	2-(Pentafluorophenyl)propan-2-ol	1449	815-06-5	N-Methyltrifluoroacetamide	1396
715-37-7	Methyl 4-amino-2,3,5,6-tetrafluorobenzoate	0589	815-23-6	Bromopentafluoroacetone	0132
718-64-9	Hexafluoro-2-phenylpropan-2-ol	0493	819-46-5	4,4,4-Trifluorobutylamine	1195
720-94-5	1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione	1550	827-08-7	1,2-Dibromotetrafluorobenzene	0285
722-92-9	4-(Hexafluoro-2-hydroxyisopropyl)aniline, 95%	0044	827-15-6	Iodopentafluorobenzene	0524
742-84-7	(6H-Perfluorohexyl)trifluorooxirane	1619	828-73-9	Pentafluorophenylhydrazine	0709
753-90-2	2,2,2-Trifluoroethylamine	1523	830-50-2	1-(Pentafluorophenyl)ethanol	0707
754-12-1	2,3,3,3-Tetrafluoropropene	1843	831-75-4	3-(1,1,2,2-Tetrafluoroethoxy)aniline	0935
754-23-4	1-Chloro-1-iodotetrafluoroethane, 95%	0213	832-53-1	Pentafluorobenzenesulfonyl chloride	0677
754-34-7	Heptafluoro-1-iodopropane, 96,5%	0452	836-78-2	2-(2-Hydroxyhexafluoroisopropyl)phenol	1729
754-73-4	1-Iodo-4H-octafluorobutane	0532	836-79-3	4-(2-Hydroxyhexafluoroisopropyl)phenol	1126
755-25-9	Perfluorohex-1-ene	1517	853-39-4	Decafluorobenzophenone	0271
755-40-8	3,3,4,4,5,5,5-Heptafluoropentan-1-ol	0459	858-46-8	Tris(pentafluoroethyl)-1,3,5-triazine	1590
755-48-6	1,1,1,2,2,3,3-Heptafluoro-5-iodononane	0449	865-79-2	9-Chloroperfluorononanoic acid, 95%	0236
755-73-7	2,2,3,3-Tetrafluoro-3-methoxypropionate	1854	880-78-4	Pentafluoronitrobenzene	0698
756-04-7 component	2,2,3,3-Tetrafluoropropanal hydrate	0969	915-76-4	Tris(heptafluoropropyl)-1,3,5-triazine	1591
756-09-2	2,2,3,3-Tetrafluoropropionic acid, 98%	0972	918-21-8	Hexafluoro-2,3-bis(trifluoromethyl)butane-2,3-diol	0774
756-12-7	Heptafluoroisopropyl trifluoromethyl ketone	1234	920-66-1	Hexafluoroisopropanol, 99,5%	0494
756-13-8	Perfluoro(2-methylpentan-3-one)	0824	944-43-4	4-Amino-2,3,5,6-tetrafluorobenzoic acid	0046
756-92-3	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)nonane	1745	950-68-5	Ethyl 4-aminotetrafluorobenzoate	0362
757-02-8	2-Bromotetrafluoroethyl fluorosulfate	1465	967-95-3	Bis(2,3,5,6-tetrafluorophenyl)sulfide	1507
757-04-0	4-Chloro-2,5-dibromo-4,5,5-trifluoropentan-1-ol	0196	969-25-5	4-Aminoperfluorobiphenyl	0043
757-06-2	2-Iodo-4,4,5,5,5-pentafluoropentan-1-ol	1740	993-95-3	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1128
758-42-9	1,1,1-Trichlorotrifluoroacetone	1017	1000-28-8	1H,1H,2'H-Perfluorodipropyl ether	1564
758-48-5	Perfluoro(diethylmethylamine)	1891	1038-66-0	4,4'-Diaminoctafluorobiphenyl	0274
760-99-6	1,1,2-Trifluorooct-1-ene	1089	1043-50-1	Decafluorodiphenyl sulfide	0703
769-39-1	2,3,5,6-Tetrafluorophenol	0965	1074-91-5	1-Bromo-2,3,4,5-tetrafluorobenzene	1679
769-40-4	2,3,5,6-Tetrafluorothiophenol	0986	1109-15-5	Tris(pentafluorophenyl)borane	1113
771-56-2	Methylpentafluorobenzene	0736			

1171-47-7	2,2-Bis(4-carboxyphenyl)hexafluoropropane	1973	1717-59-5	2-(Fluorosulfonyl)difluoroacetic acid	1979
1187-93-5	Trifluoromethyl trifluorovinyl ether	0813	1730-22-9	1,1,1,2,3-Pentafluorohexa-2,5-diene	1756
1201-31-6	2,3,4,5-Tetrafluorobenzoic acid, 98%	0921	1735-87-1	2,2-Bis(trifluoromethyl)propionyl fluoride	1825
1206-46-8	Trimethyl(pentafluorophenyl)silane	0713	1736-06-7	3'-Methyl-2,2,2-trifluoroacetophenone	1549
1259-35-4	Tris(pentafluorophenyl)phosphine	1114	1736-60-3	Allylpentafluorobenzene	0038
1422-36-2	5,5,5-Trifluoro-4-(trifluoromethyl)pent-3-en-2-one	1115	1737-10-6	3-(1,1,2,2-Tetrafluoroethoxy)toluene	0948
1422-42-0	4,4,5,5,6,6-Heptafluoro-2-iodohex-2-en-1-ol	0448	1737-11-7	4-(1,1,2,2-Tetrafluoroethoxy)toluene	0949
1428-33-7	Allyl 1,1,2,2-tetrafluoroethyl ether	0036	1743-87-9	5,6,7,8-Tetrafluorobenzo-1,4-dioxane	0920
1428-41-7	Potassium octafluoroadipate	1775	1763-23-1	Perfluorooctanesulfonic acid	1839
1493-03-4	Difluoriodomethane	1117	1763-27-5	Ethyl trifluorovinyl ether	0397
1493-13-6	Trifluoromethanesulfonic acid	1079	1763-28-6	4,4,4-Trifluoro-3-(trifluoromethyl)crotonic acid	1104
1513-60-6	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)crotonate	0396	1765-26-0	2,2-Bis(trifluoromethyl)1,3-dioxolane	1824
1513-88-8	1,1,1,2,2,3,3-Heptafluoro-5-iodopentane, 94%	0450	1765-40-8	2,3,4,5,6-Pentafluorobenzyl bromide	0686
1514-82-5	2-Bromo-3,3,3-trifluoropropene	0184	1765-48-6	11H-Perfluoroundecanoic acid, 94%	0890
1514-87-0	Methyl chlorodifluoroacetate	1413	1765-92-0	(2,2,3,3,4,4,4-Heptafluorobutyl)oxirane	0423
1515-14-6	Hexafluoro-2-methylisopropanol	0490	1766-76-3	Decafluorobenzhydrol	0270
1516-64-9 (E)	Octafluorobut-2-ene	0661	1767-94-8	6H-Perfluorohex-1-ene	1606
1516-65-0 (Z)	Octafluorobut-2-ene	0661	1796-12-9	Bromodifluoroacetyl bromide	0114
1522-22-1	1,1,1,5,5,5-Hexafluoroacetylacetone, 99%	0475	1799-47-9	Ethyl 9H-perfluorononanoate	0384
1524-54-5	Allyl 2,2,2-trifluoroethyl ether	1572	1799-84-4	1H,1H,2H,2H-Nonafluorohexyl methacrylate	1427
1536-23-8	2,3,4,5,6-Pentafluorobenzophenone	0681	1814-89-7	1,1,1,3,3-Pentafluoropropan-2-ol	1955
1536-63-6	4-(2-Chloro-1,1,2-trifluoroethoxy)acetophenone	1370	1827-19-6	(3-Bromo-2-chloro-2,3,3-trifluoropropyl)oxirane	0110
1538-08-5	Trifluoroacetyl hydrazide	1266	1827-19-6	5-Bromo-4-chloro-4,5,5-trifluoropent-2-en-1-ol	0109
1546-79-8	N-(Trifluoroacetyl)imidazole	1045	1835-61-6	1-Chloro-2,3,5,6-tetrafluorobenzene, 99%	0245
1546-95-8	7H-Perfluoroheptanoic acid, 98%	0786	1841-46-9	1H,1H,9H-Perfluorononyl methacrylate, 94%	1948
1547-36-0	4,4,4-Trifluoro-3-hydroxy-3-(trifluoromethyl)butyric acid	1078	1868-85-5	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenylhydrazine	1087
1548-74-9	4-Amino-2,3,5,6-tetrafluorobenzamide, 90%	0045	1885-48-9	Difluoromethyl 2,2,2-trifluoroethyl ether	1556
1550-24-9	7-Chloroperfluoroheptanoic acid	0230	1893-38-5	Methyl 2,2,3,3-tetrafluoropropionate	1256
1550-44-3	2,2-Difluoroethyl acetate	1390	1898-91-5	Decafluorocyclohexanone, 92%	1193
1550-50-1	N,N-Dimethyl-1,1,2,2-tetrafluoroethylamine	1890	1944-05-4	2,3,4,5,6-Pentafluorobenzhydrol	0678
1555-20-0	1,16-Dichloroperfluorohexadecane	1155	1992-15-0	1,3(1,4)-Bis(2-hydroxyhexafluoroisopropyl)benzene, 85% (15%)	0063
1559-07-5	n-Butyl heptafluorobutyrate, 98%	0187	1992-15-0	1,4-Bis(2-hydroxyhexafluoroisopropyl)benzene	0065
1559-87-1	1,3-Dibromotetrafluorobenzene	0286	1992-91-2	4,4,5,5,6,6,6-Heptafluorohexane-1,2-diol	0437
1559-88-2	1-Bromo-2,3,5,6-tetrafluorobenzene, 99%	0150	1996-88-9	1H,1H,2H,2H-Perfluorodecyl methacrylate	0772
1561-52-0	2-Iodo-1-(trifluoromethoxy)tetrafluoroethane	0556	1998-61-4	4-Bromotetrafluorophenol	0164
1582-18-9	2-Amino-3-methyl-1,1,1-trifluorobutane	1822	1998-66-9	4-Bromo-2,3,5,6-tetrafluoroaniline	0149
1584-03-8	Perfluoro(2-methylpent-2-ene), 98%	0827	2002-92-8	3-(Pentafluorophenyl)propionic acid	0710
1619-92-7	1,1,1,3,3,3-Hexafluoroisopropylamine	1127	2002-99-5	4-Ethoxy-2,3,5,6-tetrafluorobenzotrifluoride	1710
1623-05-8	Heptafluoropropyl trifluorovinyl ether	0880	2003-15-8	3-(2-Chloro-1,1,2-trifluoroethoxy)benzaldehyde	1369
1626-74-0	2-Amino-1-[4-(trifluoromethyl)phenyl]propane	1659	2010-61-9	Hexafluoro-2-(4-methylphenyl)propan-2-ol	0503
1644-11-7	Perfluoro(5-methyl-3,6-dioxanon-1-ene)	1769	2010-63-1	2-(4-Chlorophenyl)hexafluoropropan-2-ol	0211
1644-21-9	3-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1375	2036-62-6	Chloropentafluoroacetone monohydrate	0227
1645-75-6	Hexafluoroacetone imine	1223	2043-47-2	1H,1H,2H,2H-Nonafluorohexan-1-ol	0652
1647-57-0	2,3,3,3-Tetrafluoropropionamide	0970	2043-53-0	1-Iodo-1H,1H,2H,2H-perfluorodecane	0535
1648-99-3	2,2,2-Trifluoethanesulfonyl chloride	1848	2043-55-2	6-Iodo-1,1,1,2,2,3,3,4,4-nonafluorohexane	0538
1649-08-7	1,2-Dichloro-1,1-difluoroethane	0293	2043-57-4	1-Iodo-1H,1H,2H,2H-perfluorooctane	0549
1649-56-5	Ethyl 11H-perfluoroundecanoate	0388	2062-20-6	Dimethyl perfluorosuberate, 95%	1964
1651-41-8	3-(Perfluorooctyl)propan-1-ol	1439	2062-98-8	Perfluoro(2-methyl-3-oxahexanoyl) fluoride	0821
1652-80-8	2,2-Dichlorohexafluoropropane	1139	2063-40-3	3-(Pentafluorophenyl)propionyl chloride	1758
1652-89-7	Pentachloro-1,1,1-trifluoropropane (CFC-213ab)	1753			

2070-70-4	Perfluoro(4-methylpent-2-ene)	0828	2797-79-7	4-Bromotetrafluorophenylhydrazine	0165
2106-40-3	1-Chloro-2,4,6-trifluorobenzene	0260	2823-49-6	11-Chloroperfluoroundecanoic acid, 94%	1389
2144-53-8	1H,1H,2H,2H-Perfluorooctyl methacrylate	1308	2834-23-3	Chlorodifluoroacetic anhydride	1414
2145-68-8	6,6-Dimethyl-1,1,1,2,2-pentafluoroheptane-3,5-dione	0694	2837-90-3	Sodium dichlorofluoroacetate	1842
			2875-18-5	2,3,5,6-Tetrafluoropyridine	1263
2160-89-6	1,1,1,3,3,3-Hexafluoroisopropyl acrylate	0487	2894-87-3	4-Hydroxynonafluorobiphenyl	1199
2169-67-7	Bromodifluoroacetamide	1416	2923-16-2	Potassium trifluoroacetate	0906
2180-30-5	4,4'-Bis(2-hydroxyhexafluoroisopropyl) biphenyl	0066	2923-18-4	Sodium trifluoroacetate	0912
			2923-26-4	Sodium perfluorohexanoate	1963
2200-70-6	4,4'-Di(hydroxy)octafluorobiphenyl	1874	2925-22-6	Difluoroacetyl fluoride	1828
2200-70-6 component	4,4'-Di(hydroxy)octafluorobiphenyl monohydrate	0339	2925-59-9	9-Chloroperfluorononanoyl chloride	0237
			2926-99-0	2-Chloroethyl 1,1,2,3,3,3-hexafluoropropyl ether	0206
2218-52-2	Sodium difluoroacetate	1161	2966-54-3	Potassium heptafluorobutyrate	1148
2218-54-4	Sodium heptafluorobutyrate	0908			
2240-88-2	3,3,3-Trifluoropropan-1-ol	1096	2967-60-4	1,1,1,2,2,3,3-Heptafluoro-7-iodoheptane, 94%	0446
2248-46-6	Ethyl 2,2-difluoro-2-phenylacetate	1853	2968-32-3	2-Amino-1,1,1-trifluoropropane hydrochloride	1530
2248-93-3	11H-Perfluoroundecanoyl chloride, 95%	0892	2968-33-4	3,3,3-Trifluoropropylamine hydrochloride	1235
2251-50-5	Pentafluorobenzoyl chloride	0683	2993-85-3	1H,1H,7H-Perfluoroheptyl acrylate	0359
2253-14-7	1-Iodo-1H,1H-nonafluoropentane	1643	3063-94-3	1,1,1,3,3,3-Hexafluoroisopropyl methacrylate	0471
2261-99-6	1H,1H,7H-Perfluoroheptyl methacrylate	1426			
2263-97-0	1,2,11,12-Tetrachloroperfluorododecane	1781	3107-98-0	Dimethyl perfluoroadipate	0348
2264-00-8	1H,1H,5H-Octafluoropentyl p-toluenesulfonate	1472	3108-07-4	Allyl 1H,1H,5H-octafluoropentyl ether	1576
2264-01-9	2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl diacrylate	1165	3108-24-5	Ethyl perfluorooctanoate, 92%	1407
			3110-03-0	5-Chlorooctafluoropentanoyl chloride	0241
2264-25-7	Sodium 7H-perfluoroheptanoate	0911	3150-40-1	4-Methyl-2,3,5,6-tetrafluoroanisole	0637
2314-97-8	Iodotrifluoromethane	1083	3217-47-8	2,3,5,6-Tetrafluoroterephthalaldehyde	1792
2324-98-3	2,3,5,6-Tetrafluoroanisole	0915	3321-96-8	2-Amino-3-(pentafluorophenyl)propionic acid	0706
2340-84-3	1H,1H,2H,3H-Perfluoroundec-2-en-1-ol	1440	3330-14-1	2H-Perfluoro(5-methyl-3,6-dioxanonane)	1188
2342-67-8	3,3,3-Trifluoropropyl p-toluenesulfonate	1471	3330-16-3	2H-Perfluoro(5,8-dimethyl-3,6,9-trioxadodecane)	1763
2343-27-3	2-Fluorophenylglycine	0412			
2354-05-4	Pentachloro-1,1,2-trifluoropropane	1754	3336-58-1	Ammonium trifluoroacetate, 99%	0049
2358-22-7	Perfluoroheptanamide	1026	3492-24-8	1H,10H-Perfluorodecane	0766
2365-82-4	Methyl 4,4,4-trifluorobutyrate	1834	3512-17-2	2,4,6-Trifluoropyridine	1262
2366-52-1	1-Fluorobutane	0402	3516-87-8	Ethyl (pentafluorobenzoyl)acetate	1722
2366-70-3	4,4,4-Trifluorobutan-2-one	1054	3637-31-8	4,4,5,5,5-Pentafluoropentanoic acid	1168
2367-76-2	2-Bromo-1,3,5-trifluorobenzene	0175	3709-70-4 (Z)	Perfluoro(4-methylpent-2-ene)	0828
2367-82-0	1,2,3,5-Tetrafluorobenzene	0918	3709-71-5 (E)	Perfluoro(4-methylpent-2-ene)	0828
2368-53-8	2,4-Dichloro-1,3,5-trifluorobenzene	0309	3792-02-7	5,5,6,6,7,7,8,8,8-Nonafluorooctan-1-ol	0654
2378-02-1	Nonafluoro-tert-butanol	0740	3802-76-4	3,3,4,4-Tetrafluorotricyclo-[4.2.1.0<sup>2,5</sup>]non-7-ene	1794
2396-26-1	4-(Heptafluoroisopropyl)toluene	0455			
2418-21-5 (E)	2,3-Dichlorohexafluorobut-2-ene	0297	3831-49-0	1-Iodo-1,2,2,2-tetrafluoroethane	0553
2418-22-6 (Z)	2,3-Dichlorohexafluorobut-2-ene	0297	3832-24-4	3-Amino-1,1,1-trifluoropropan-2-ol hydrochloride	1660
2516-99-6	3,3,3-Trifluoropropionic acid	1095			
2641-34-1	Perfluoro(2,5-dimethyl-3,6-dioxanonoyl) fluoride	0776	3832-48-2	Bromodifluoroacetyl chloride	0115
			3832-65-3	1,4-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0086
2648-47-7	5H-Octafluoropentanal	0857	3834-42-2	Trimethyl(heptafluoropropyl)silane	1770
2706-89-0	Sodium nonafluoropentanoate	1164	3857-83-8	2-Naphthyl trifluoromethanesulfonate	1981
2706-90-3	Nonafluoropentanoic acid, 98%	0862	3883-86-1	4H,4'H-Octafluorobiphenyl	0659
2708-97-6	1,2-Diiodotetrafluorobenzene, 99%	0342	3914-19-0	1,3-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0087
2711-81-1	3,3,4,5,5,5-Hexafluoropentan-2-ol	0491	3967-55-3	4,5-Dichloro-1,3-dioxolan-2-one	1698
2712-78-9	[Bis(trifluoroacetoxy)iodo]benzene	1663	4027-54-7	5(3)-Phenyl-3(5)-(trifluoromethyl)pyrazole	0904
2730-58-7	Ammonium pentafluoropropionate	0048	4063-48-3	1,2-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0085
2730-62-3	2-Chloro-3,3,3-trifluoropropene	0268	4084-38-2	2,3,5,6-Tetrafluorobenzyl alcohol	0927
2787-79-3	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenol	0433	4089-57-0	5-Fluorosulfonylperfluoro(2-methyl-3oxapentanoyl) fluoride	1467
2795-50-8	Ethyl 5H-octafluoropentanoate, 99%	0386			



<b>6401-02-1</b>	2,2,3,3-Tetrafluoropropyl trifluoromethanesulfonate	1461	<b>14312-89-1</b>	Methyl perfluoroheptanoate, 99%	0608
<b>6588-63-2</b>	Perfluorocyclohexanecarbonyl fluoride 85% (tech)	0756	<b>14324-82-4</b>	Copper(II) 1,1,1-trifluoroacetylacetonate	0269
<b>6669-03-0</b>	(2,2,2-Trifluoroethoxy)pentafluorobenzene	1069	<b>14353-88-9</b>	[Bis(trifluoroacetoxy)iodo] pentafluorobenzene	1664
<b>6715-31-7</b>	1,4-Bis(2,2,2-trifluoroethoxy) tetrafluorobenzene	0091	<b>14533-847</b>	Pentafluorophenyl trifluoroacetate, 98%+	1265
<b>6792-31-0</b>	Hexafluoropropene trimer (mixture of isomers), 97% min	0498	<b>14548-74-4</b>	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanone-1-ol)	1172
<b>6975-13-9</b>	Ethyl 3-methyl-4,4,4-trifluorobutyrate	0393	<b>14620-81-6</b>	1H,1H-Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan-1-ol)	1772
<b>6984-99-2</b>	Chloropentafluoroacetone monohydrate	0227	<b>14704-41-7</b>	3,5-Bis(trifluoromethyl)pyrazole	0094
<b>7096-51-7</b>	3,3,4,4,4-Pentafluorobut-1-yne	1755	<b>14737-09-8</b>	1-Bromo-2-(bromodifluoromethyl) cyclohexane	0100
<b>7383-71-3</b>	2,2,3,3-Tetrafluoropropyl acrylate	0977	<b>14742-37-1</b>	Ethyl (pentafluorophenoxy)acetate	1723
<b>7594-49-2</b>	1,1-Bis(trifluoromethyl)-2,2,2-trichloroethanol	1324	<b>14781-45-4</b>	Copper(II) hexafluoroacetylacetonate	1553
<b>7601-98-1</b>	Bromodifluoroacetic anhydride, 98%	1826	<b>14892-14-9</b>	(Pentafluorophenoxy)acetic acid	0701
<b>7601-99-2</b>	Bromodifluoroacetone nitrile	1289	<b>15191-68-1</b>	1-(4-Methoxyphenyl)-4,4,4-trifluorobutane-1,3-dione	0586
<b>7621-51-4</b>	1H-Perfluorooct-1-ene	1617	<b>15895-68-8</b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzonitrile	1249
<b>7648-30-8</b>	Ethyl iododifluoroacetate	0371	<b>16063-80-2</b>	4,4,4,4',4',4'-Hexafluoro-DL-valine	0810
<b>10008-97-6</b>	2-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0940	<b>16251-00-6</b>	1,4-Diethoxytetrafluorobenzene	0320
<b>10009-25-3</b>	4-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0942	<b>16261-80-6</b>	4-(Hexafluoro-2-(hydroxyisopropyl) benzoic acid	1869
<b>10010-93-2</b>	5(3)-Methyl-3(5)-(trifluoromethyl)pyrazole	0641	<b>16329-89-8</b>	Methyl 2,3-dichlorotrifluoropropionate	1159
<b>10186-63-7</b>	Methyl 2-methoxytetrafluoropropionate	0600	<b>16486-97-8</b>	1-Chloro-6-iodoperfluorohexane	1488
<b>10186-66-0</b>	Ethyl 2-ethoxy-2,3,3,3-tetrafluoropropionate	1187	<b>16486-98-9</b>	1-Chloro-8-iodoperfluorooctane	1489
<b>10186-73-9</b>	Ethyl 2-bromotetrafluoropropionate	0364	<b>16500-37-1</b>	Perfluoro(2,3-dimethylbutan-2-ol), 96%	1927
<b>10321-14-9</b>	Trifluoropyruvic acid monohydrate	1813	<b>16582-93-7</b>	2,3,4,5-Tetrafluorobenzonitrile	1348
<b>10372-98-2</b>	Perfluoro(isopropyl vinyl)ether	1916	<b>16582-94-8</b>	2,3,4,5-Tetrafluorobenzamide	1346
<b>10386-84-2</b>	4,4'-Dibromooctafluorobiphenyl	0281	<b>16583-06-5</b>	2,3,4,5-Tetrafluorobenzaldehyde	1280
<b>10493-44-4</b>	4-Bromo-1,1,2-trifluorobut-1-ene	0178	<b>16583-08-7</b>	2,3,4,5-Tetrafluoro-6-nitrobenzoic acid	1347
<b>10536-62-6</b>	Bis(pentafluorophenyl)dimethylsilane, 99%	0352	<b>16627-68-2</b>	1,1,2,2-Tetrafluoroethyl 2,2,3,3-tetrafluoropropyl ether	0950
<b>13038-26-1</b>	Methyl perfluoropentanoate, 99%	1157	<b>16627-71-7</b>	1H,1H,5H-Octafluoropentyl 1,1,2,2-tetrafluoroethyl ether	0667
<b>13057-08-4</b>	Heptafluoroisopropyl acrylate	0454	<b>16878-50-5</b>	(2-Chlorohexafluoroisopropyl)benzene	0209
<b>13081-18-0</b>	Ethyl trifluoropyruvate	0394	<b>17129-06-5</b>	4-Ethoxy-1,1,1-trifluorobut-3-en-2-one	1276
<b>13089-11-7</b>	Methyl trifluoropyruvate	0623	<b>17327-33-2</b>	4,4,4-Trifluoro-3-(trifluoromethyl)butyric acid	1405
<b>13098-39-0</b>	Hexafluoroacetone sesquihydrate	0473	<b>17327-34-3</b>	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl) butyrate	0395
<b>13140-24-4</b>	Perfluoro-2,5,8,11,14,17-hexamethyl-3,6,9,12,15,18-hexaaxaheneicosanoyl fluoride, 94%	1889	<b>17327-35-4</b>	4,4,4-Trifluoro-3-(trifluoromethyl)butan-1-ol	1173
<b>13140-34-6</b>	Methyl perfluoro(2-methyl-3-oxahexanoate)	0612	<b>17352-10-2</b>	1H,1H,5H-Octafluoropentyl trifluoromethanesulfonate	1462
<b>13140-35-7</b>	Perfluoro(2-methyl-3-oxahexan)amide	0822	<b>17463-43-3</b>	3,3,3-Trifluoro-DL-alanine	1795
<b>13171-18-1</b>	Methyl 1,1,1,3,3,3-hexafluoroisopropyl ether	1566	<b>17524-05-9</b>	Molybdenum(VI) dioxide bis(acetylacetonate)	0662
<b>13252-13-6</b>	Perfluoro(2-methyl-3-oxahexanoic) acid	0818	<b>17527-29-6</b>	1H,1H,2H,2H-Perfluorooctyl acrylate	1947
<b>13252-14-7</b>	Perfluoro(2,5-dimethyl-3,6-dioxanone) acid	1171	<b>17556-42-2</b>	1-(4-Methoxyphenyl)-2,2,2-trifluoroethanol, 90%	1904
<b>13252-15-8</b>	Perfluoro-2,5,8,11,14-pentamethyl-3,6,9,12,15-pentaoxaoctadecanoyl fluoride, 96%	1888	<b>17559-01-2</b>	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanone) acrylate	1227
<b>13265-56-0</b>	3,3,4,4,4-Pentafluoropentanenitrile	1484	<b>17587-22-3</b>	1,1,1,2,2,3,3-Heptafluoro-7,7-dimethyloctane-4,6-dione	0434
<b>13485-61-5</b>	Nonafluoropentanamide	1417	<b>17617-95-7 (E)</b>	2,3-Dibromohexafluorobut-2-ene	1521
<b>13642-97-2</b>	Pentafluorophenyl methacrylate	1302	<b>17617-96-8 (Z)</b>	2,3-Dibromohexafluorobut-2-ene	1521
<b>13656-36-5</b>	3,5-Dichloro-2,4,6-trifluorobenzoic acid	0310			
<b>13695-31-3</b>	2,2,3,3,4,4,4-Heptafluorobutyl methacrylate	0422			
<b>13859-31-9</b>	2-Bromotetrafluoropropionic acid	0168			
<b>14115-49-2</b>	3,3-Bis(trifluoromethyl)-4,4,4-trifluorobutan-1-ol	0095			
<b>14117-17-0</b>	2,2-Bis(trifluoromethyl)-3,3,3-trifluoropropan-1-ol, 95%	1945			

17763-67-6	Phenyl trifluoromethanesulfonate	1841	25264-81-7	Perfluoroheptanamidine	1571
17823-40-4	4-Bromotetrafluorobenzonitrile, 98%	1897	25291-17-2	1H,1H,2H-Perfluorooct-1-ene	0853
17823-46-0	4-Bromo-2,3,5,6-tetrafluorobenzotrifluoride	0125	25497-29-4	2-Chloro-1,1-difluoroethane	1984
18599-20-7	1,4-Dibromo-1,1,2,2-tetrafluorobutane	0288	25561-30-2	N,O-Bis(trimethylsilyl)trifluoroacetamide	0098
18599-22-9	4-Bromo-3,3,4,4-tetrafluorobut-1-ene	0152	25597-16-4 (E)	Ethyl 4,4,4-trifluorocrotonate	1238
18830-44-9	Methyl 3,3,3-trifluoropropionate	1268	26103-07-1	Chloromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)	1567
18931-60-7	1-(4-Chlorophenyl)-4,4,4-trifluorobutane-1,3-dione	1551	26131-32-8	Methyl perfluoro(2,5-dimethyl-3,6-dioxanonoate)	0606
19430-93-4	1H,1H,2H-Nonafluorohex-1-ene	0803	26475-18-3	4,4'-Dimethyloctafluorobiphenyl	0353
19486-93-2	Ethyl 3-hydroxy-4,4,4-trichlorobutyrate	0374	26537-88-2	2-Heptafluoropropoxy-2,3,3,3-tetrafluoropropan-1-ol	1441
19701-19-0	2-Vinylhexafluoroisopropanol	1447	26644-86-0	Dichloromethyl 2,2,2-trifluoroethyl ether	1555
19842-76-3	2,3,5,6-Tetrafluorobenzaldehyde, 98%	0916	26675-46-7	Difluoromethyl 1-chloro-2,2,2-trifluoroethyl ether (Isoflurane)	1557
19932-26-4	3-(2,2,3,3-Tetrafluoropropoxy)-1,2-propenoxide	1273	26717-76-0	Ethyl 2,2-dimethyl-4,4,4-trifluoroacetoacetate	1716
19932-27-5	3-(1H,1H,5H-Octafluoropentoxo)-1,2-propenoxide	0875	26885-67-6 (Z)	1-Methoxy-3,3,3-trifluoropropene	1160
20017-49-6	4-(Heptafluoroisopropyl) tetrafluorobenzotrifluoride	0812	26885-71-2 (E)	1-Methoxy-3,3,3-trifluoropropene	1160
20082-71-7	Chlorodimethyl(pentafluorophenyl)silane, 99%	0203	26954-17-6	2,4,4,5,5-Pentafluoro-2-trifluoromethyl-3-oxathiolane-1,1-dioxide	1958
20083-34-5	Triethoxy(pentafluorophenyl)silane	0711	27116-80-9	5(3)-Methyl-4-nitro-3(5)-(trifluoromethyl) pyrazole	0627
20084-49-5	(1H,1H-Perfluorooctyl)oxirane, 95%	1315	27336-23-8	1,1-Dibromotetrafluoroethane	0290
20109-59-5	Sodium perfluoroheptanoate	1600	27607-77-8	Trimethylsilyl trifluoromethanesulfonate	1597
20411-83-0	3-Chloro-2,2,3,3-tetrafluoropropan-1-ol	1391	27639-98-1	Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoyl) fluoride	1242
20530-38-5	3,3,3-Trifluoropropionitrile	1162	27854-30-4	2H,2H,3H,3H-Perfluorononanoic acid	0834
20583-66-8	3H,3H-Decafluoroheptane-2,4-dione	0783	27905-45-9	1H,1H,2H,2H-Perfluorodecyl acrylate	0771
20825-07-4	3H,3H-Octafluorohexane-2,4-dione	0801	28012-10-4	4-Dimethylaminoheptafluorotoluene	0351
20867-94-1	4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride	0583	28202-30-4	2-(1,1,2,2-Tetrafluoroethoxy)-5-nitrotoluene	1296
21045-62-5	4-Diethylamino-1,1,1-trifluorobut-3-en-2-one	0322	28202-31-5	2-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	0944
21049-36-5	Potassium perfluoroheptanoate	1151	28202-32-6	4-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1374
21049-38-7	Potassium perfluorononanoate, 98%	1777	28314-80-9	2,4,6-Trifluorobenzoic acid	1049
21622-18-4	2,3,4,5-Tetrafluorobenzyl chloride	1245	28509-44-6	Methyl 2-chlorotetrafluoropropionate	1402
21622-19-5	2,3,4,5-Tetrafluorotoluene	1793	28523-86-6	Fluoromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)	0582
21634-97-9	2,3,4,5,6-Pentafluorobenzyl propionate	1392	28627-00-1	2-Chlorotetrafluoropropionyl fluoride	0254
21652-57-3	1-Bromo-1H,1H,2H,2H-perfluorodecane	0140	28788-68-3	(Perfluorocyclohexyl)methanol, 95%	0762
21652-58-4	1H,1H,2H-Perfluorodec-1-ene	0769	29514-94-1	Perfluoro(3-oxapent-4-ene)sulfonyl fluoride	1830
22052-81-9	Ethyl pentafluoroethyl ether	1554	29551-55-1	4-Methoxy-2,3,5,6-tetrafluorostyrene	1747
22052-84-2	Heptafluoroisopropyl methyl ether	1928	29819-73-6	4,5,5,5-Tetrafluoro-4-(trifluoromethyl) pentan-1-ol, 95%	1005
22325-71-9	Nonafluoropentanenitrile	0860	30377-52-7	Ethyl perfluorononanoate, 99%	0385
22528-67-2	2-Bromoperfluoro(2-methylpentane)	0144	30428-47-8	2-Chloro-1,4-dibromo-1,1,2-trifluorooctane	0194
22715-46-4	Sodium 5H-octafluoropentanoate	1779	30428-56-9	1-Bromo-2-chloro-1,1,2-trifluorooct-3-ene	0104
22715-47-5	Potassium 5H-octafluoropentanoate	1957	30670-30-5	1H,1H,2H,2H-Perfluorodecylamine	0773
22767-90-4	1,1,1-Trifluoro-5,5-dimethylhexane-2,4-dione	0355	30984-28-2	5-Methyl-1,1,1-trifluorohexane-2,4-dione	1241
24165-10-4	Nonafluoro-tert-butyl trifluoroacetate	1252	31001-56-6	6-Chloroperfluorohex-1-ene	1614
24482-88-0	Ethyl 3-chlorotetrafluoropropionate	0367	31224-45-0	Trifluoroacetaldehyde diethyl acetal	1536
24490-03-7	Ethyl 3-(trifluoromethyl)crotonate	1218	31253-34-6	2-Aminohexafluoroisopropanol (30% in dioxane or diglyme)	0041
24503-62-6	3-Chlorotetrafluoropropionyl chloride	0253	31450-05-2 (E)	1,1,1-Trifluorobut-2-ene	1055
24528-41-4 component	2,3,3,3-Tetrafluoropropanal hydrate	1788	31450-06-3 (Z)	1,1,1-Trifluorobut-2-ene	1055
24690-53-7	3,4,4,4-Tetrafluoro-3-(trifluoromethyl) but-1-yne	1002	32042-38-9	2,2,2-Trifluoroethyl formate	1538
24812-13-3	1-Bromo-3,5-dichloro-2,4,6-trifluorobenzene	0111	32304-29-3	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) phenylacetic acid	0885
24929-99-5	Trimethylsilyl heptafluorobutyrate	1595			
24930-02-7	Trimethylsilyl pentafluoropropionate	1258			
25065-50-3	2,3,4,5,5,5-Hexafluoro-2,4-bis(trifluoromethyl)pentan-1-ol	0778			

32477-35-3	N-(Heptafluorobutyl)imidazole, 98%	0432	42298-15-7	Potassium (trifluoromethyl)trifluoroborate	1778
32890-92-9	2,3,4,6-Tetrafluorobenzoic acid	1351	42415-20-3	Trifluoroacetaldehyde dimethyl acetal	1031
32974-30-4	(2,3,4,5,6-Pentafluorobenzyl)oxirane	1625	42532-60-5	Heptafluoroisobutyronitrile	1226
32974-36-8	2,3,4,5,6-Pentafluorobenzyl p-toluenesulfonate	1901	42566-65-4	2,2,3,3-Tetrafluoro-3-(trifluoromethoxy) propionic anhydride	1844
33104-02-8	Allyloxypentafluorobenzene	0033	44507-93-9	Iododifluoroacetyl fluoride	0331
33739-04-7	5,6,7,8-Tetrafluorocoumarin	1785	44925-09-9	2,2,2-Trichloroethyl acrylate	1014
33953-86-5	Trifluoroacetaldehyde hydrate, 75% (tech.)	1033	45048-36-0	2,2-Bis(trifluoromethyl)propionic acid	1668
34202-69-2	Hexafluoroacetone trihydrate, 98%	0474	45102-52-1	2,2,3,3-Tetrafluoropropyl methacrylate	0979
34761-47-2	Perfluoro(2,5,8,11-tetramethyl-3,6,9,12- tetraoxapentadecanoyl) fluoride	0514	45115-53-5	2,2,3,3,3-Pentafluoropropyl methacrylate	0731
35175-79-2	4-Methoxy-2,3,5,6-tetrafluorobenzyl alcohol	1237	48076-44-4	1H,1H-Perfluoroheptyl methacrylate	1298
35295-34-2	2-(1,1,2,2-Tetrafluoroethoxy)aniline	0934	50594-82-6	3,4,5-Trichlorobenzotrifluoride, 98%	1977
35295-35-3	3-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0938	50601-47-3	2,2,2-Trichloroethyl methacrylate	1016
35295-36-4	4-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0939	50733-66-9	Dimethyl perfluoro(2-methyl-3-oxadipinate)	1290
36405-47-7	2,2,3,4,4,4-Hexafluorobutyl methacrylate	0480	50807-74-4	2,2,3,3,3-Pentafluoropropyl 1,1,2,2-tetrafluoroethyl ether	1562
36629-42-2	Methyl pentafluorobenzoate	0601	50838-66-9	(4H-Octafluorobutyl)trifluorooxirane	1618
37697-64-6	Perfluoro(2,2-dimethyl-1,3-dioxole)	0777	50838-67-0	(2-Chlorotetrafluoroethyl)trifluorooxirane	1620
37759-76-5 (E)	4,4,5,5,6,6,6-Heptafluorohex-2-enoic acid	0804	50838-69-2	(4-Chlorooctafluorobutyl)trifluorooxirane	1621
37759-87-8 (Z)	4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol	0442	51114-12-6	1,4-Bis(heptafluoroisopropyl)benzene	0078
37759-88-9 (E)	4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol	0442	51249-62-8	1,2-Dibromo-1H,1H,2H-perfluorooctane	1325
37881-62-2	Octafluoroadipoyl difluoride	0658	51249-63-9	1,2-Dibromo-1H,1H,2H-perfluorodecane	1326
38007-33-9	4H,4H-Decafluoroheptane-3,5-dione	0273	51249-64-0	2-Bromo-1H,1H-perfluorooct-1-ene	0146
38126-07-7	Bromodifluoroacetyl fluoride	0116	51249-65-1	2-Bromo-1H,1H-perfluorodec-1-ene	1124
38436-14-5	1-Bromo-3,3,4,4,5,5,6,6-nonafluorohexane	0141	51294-16-7	Perfluoro(methyldecalin) (mixture of isomers), 94%	0816
38436-17-8	1H,1H,1H,2H,2H-Perfluorohexane, 99%	1144	51502-45-5	Methyl perfluorononanoate, 99%	0613
38436-18-9	8-Bromo-1,1,1,2,2,3,3,4,4-nonafluorooctane	1279	51579-56-7	Perfluorocyclohexanecarbonitrile	0042
38550-34-4	2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane	0572	52328-77-5	1-Bromo-2-(1,1,2,3,3,3-hexafluoropropoxy) benzene	1673
38550-44-6	2-Iodo-1H,1H,2H,3H,3H-perfluorononan-1-ol	0546	52328-78-6	1-Bromo-4-(1,1,2,3,3,3- hexafluoropropoxy)benzene	1366
38550-45-7	2-Iodo-1H,1H,2H,3H,3H-perfluoroundecan-1-ol	0552	52447-22-0	Perfluoroheptanoyl chloride	0793
38550-47-9	1H,1H,2H,3H-Perfluoronon-2-en-1-ol	0842	52447-23-1	Perfluorononanoyl chloride	0840
38565-52-5	(1H,1H-Perfluoroheptyl)oxirane	0797	52591-27-2	1H,1H,2H,2H-Nonafluorohexyl acrylate	1946
38565-53-6	(1H,1H-Perfluorononyl)oxirane	0845	52671-70-2	4-Bromo-1,1,1,2,2-pentafluorobutane	1335
38565-61-6	1-Iodo-4-(perfluorohexyl)butane	1333	53001-68-6	Methyl 2,3,4,6-tetrafluorobenzoate	1352
38565-62-7	1-Iodo-4-(perfluorooctyl)butane	1334	53001-69-7	Methyl 3-bromo-2,4,5,6-tetrafluorobenzoate	1354
38568-21-7	2,2-Dibromohexafluoropropane	0280	53001-71-1	2,3,4,5-Tetrafluorobenzyl bromide	0929
39187-47-8	Methyl perfluoro(2,5,8-trimethyl-3,6,9- trioxadodecanoate)	1750	53001-73-3	2,3,5,6-Tetrafluorobenzyl bromide	0928
40723-80-6	4-Iodo-1,1,1,2,2-pentafluorobutane	0525	53005-42-8	2-(1,1,2,3,3,3-Hexafluoropropyl) tetrahydrofuran	0502
41123-44-8	1H,1H,1H-Perfluoroundecyl methacrylate, 92%	0894	53038-41-8	Hexafluoro-2-methylisopropyl acrylate	1730
41242-02-8	2-(1,1,2,3,3,3-Hexafluoropropoxy)aniline	1732	53072-18-7	2,3,4,5-Tetrafluorobenzyl alcohol	1450
41405-35-0	7H-Perfluoroheptanoyl chloride, 95% min	0792	53392-78-2	1,1,1-Trifluorohept-2-ene	1077
41430-70-0	Ethyl perfluoroheptanoate, 99%	0381	53580-21-5	1-Phenyl-2H,2H-perfluorohexane-1,3-dione	0899
41463-83-6	3,3,3-Trifluoropropionyl chloride	1100	53638-10-1	6-Iodo-5H,5H,6H-perfluorodecane	0536
41739-23-5	1,1-Difluoroacetylacetone	0326	53997-99-2	3-(1,1,2,2-Tetrafluoroethoxy)phenol	0945
41874-81-1	2-Bromotetrafluoropropionyl bromide	0169	53998-00-8	2-(1,1,2,3,3,3-Hexafluoropropoxy)phenol	1453
42031-15-2	1,1,1,3,3,3-Hexafluoroisopropyl trifluoroacetate, 99%+	1264	54052-90-3	2,2,3,4,4,4-Hexafluorobutyl acrylate	0479
42099-81-0	1-Ethoxy-2,3,5,6-tetrafluorobenzene	1709	54822-22-9	Methyl 5H-octafluoropentanoate, 99%	0615
42145-66-4	2-(1,1,2,2-Tetrafluoroethoxy)toluene	0947	54864-78-7	3(5)-Heptafluoropropyl-5(3)-phenylpyrazole	0881
42173-52-4	2-(Difluoromethoxy)toluene	0333	54932-74-0	5-Bromo-1,1,1-trifluoropentane	1297
42287-85-4	Ethyl 7H-perfluoroheptanoate	1409	54949-74-5	3,3,4,4,4-Pentafluorobutan-1-ol	0690
42289-34-9	Potassium 2,3,5,6-tetrafluorophenolate	1314			

55258-28-1	tert-Butyl pentafluoropropionate	1404	63418-08-6	2,6-Dichloro-3,5-difluorophenol	0295
55321-69-2	4-(1,1,2,3,3,3-Hexafluoropropoxy) benzaldehyde	1365	63539-54-8	N-(2,3,5,6-Tetrafluorophenyl)maleimide	1570
55756-24-6	1H-Perfluorooct-1-yne	0855	63693-10-7	2-(2,2,3,4,4,4-Hexafluorobutoxy)ethanol	1443
55810-48-5	Diethyl 4-(trifluoromethyl) tetrafluoromethylmalonate	1877	63693-13-0	2-(1,1,1,3,3,3-Hexafluoroisopropoxy)ethanol	1444
56184-37-3 (E)	1H-Perfluorooct-1-ene	1617	63703-16-2	1-Iodo-6H-perfluorohexane	0540
56734-81-7	2H,2H-Perfluorooctanal	0846	63967-46-4	1H,1H,1H,2H,3H-Perfluoronon-2-ene	1029
56860-81-2	Difluoromethyl 2,2,3,3,3-pentafluoropropyl ether	1561	64499-81-6	2,2-Bis(trifluoromethyl)tetrachloro-1,3-dioxolane	1122
56860-85-6	1,1,2,3,3,3-Hexafluoropropyl difluoromethyl ether	1875	64609-91-2	Pentafluoropropionyl bromide	0724
57069-95-1	Iodopentafluoroacetone	0523	64739-16-8	Perfluoroheptanal hydrate	1215
57325-39-0 (Z)	1,1,1,2,2,3,3-Heptafluoronon-4-ene	0456	64750-89-6 (Z)	Ethyl 3-(trifluoromethyl)crotonate	1218
57325-40-3 (E)	1,1,1,2,2,3,3-Heptafluoronon-4-ene	0456	65064-78-0	1H,1H,2'H,3H-Decafluorodipropyl ether	1565
57981-02-9	O-(2,3,4,5,6-Pentafluorobenzyl) hydroxylamine hydrochloride	1341	65150-95-0	Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoic) acid	1840
58380-92-0	3,3,4,5,5,5-Hexafluoro-2-methylpentan-2-ol	1448	65269-92-3	Chlorofluorometanesulfonyl chloride, 95%	1983
58521-27-0	Potassium pentafluorobenzoate	1123	65864-64-4	(Difluoromethyl)trimethylsilane	1860
58551-83-0	2,4,6-Trifluorobenzaldehyde	1047	66249-21-6	1H-Perfluorohex-1-ene	1616
58556-45-9	5,5,6,6,6-Pentafluorohexan-1-ol	0697	66286-21-3	2',3',4',5'-Tetrafluoroacetophenone	1782
58808-59-6	4-(Trifluoroacetyl)benzoic acid	1422	66443-79-6	5-Chlorooctafluoropentanoic acid	0225
58808-60-9	4-Trifluoroacetylbenzoyl chloride	1847	66443-80-9	8-Chloroperfluorooct-1-ene	1615
58816-79-8	Perfluorocyclohexanecarbonyl chloride, 95%	0758	66443-82-1	(6-Chloroperfluorohexyl)trifluorooxirane	1622
59158-81-5	Allyl 1,1,2,3,3,3-hexafluoropropyl ether	0032	66716-11-8 (Z)	1,1,1-Trifluorohept-2-ene	1077
59483-84-0	Bis(pentafluorophenyl)carbonate	0067	66716-12-9 (E)	1,1,1-Trifluorohept-2-ene	1077
59665-23-5	2-Bromo-3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene	1329	66818-54-0	2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl dimethacrylate	1253
59665-24-6	1,2,2-Tribromo-1H,1H-perfluorohexane	1011	66840-50-4	Heptafluoropropyl pentafluoroethyl ether	1966
59665-25-7	1,2,2-Tribromo-1H,1H-perfluorooctane	1331	67033-41-4	1-(Bromomethyl)-4-(1,1,2,2-tetrafluoroethoxy)benzene	1277
59665-26-8	1,2,2-Tribromo-1H,1H-perfluorodecane	1332	67437-97-2	2-Chloro-2-(trifluoromethyl) perfluoropentane	0235
59872-84-3	Pentafluoropropionaldehyde methyl hemiacetal	0722	67641-28-5	Pentafluoroallyl fluorosulfate	1835
59938-06-6 (E)	4-Ethoxy-1,1,1-trifluorobut-3-en-2-one	1276	67674-48-0	1,1,1,3,3,3-Hexafluoroisopropyl p-toluenesulfonate	0489
60061-68-9	4-Bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0130	67815-57-0	1,3-Diiodotetrafluorobenzene	1178
60129-85-3	Pentafluorophenyl trifluoromethanesulfonate	1757	67899-41-6	Perfluoroallylbenzene	0738
60249-67-4	3,3,4,5,5,5-Hexafluoropentane-2-one	0492	68318-95-6	2-Bromo-3,3,4,4,4-pentafluorobut-1-ene	1328
60308-66-9	Perfluoro(2-methyl-3-oxahexanenitrile)	0823	68834-05-9	1-Bromo-4-(1,1,2,2-tetrafluoroethoxy) benzene	0155
60433-11-6	cis-Perfluorodecalin	0764	69056-67-3	3-(Trifluoromethyl)crotonic acid	1285
60433-12-7	trans-Perfluorodecalin, 99%+	0765	69066-98-4	1-Iodo-1-(trifluoromethoxy) tetrafluoroethane	0555
60598-17-6	Methyl 2,2,3,3-tetrafluoropropyl ether	0618	70086-62-3	1,1,5,5-Tetrafluoroacetylacetone	0964
60644-92-0	2,2-Bis(trifluoromethyl)-4,5-dichloro-4,5-difluoro-1,3-dioxolane	1823	70126-48-6	3-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0941
60838-59-7	2,2,3,3,4,4-Hexafluorobutan-1-ol	1862	70755-50-9	Potassium perfluoro(4-methyl-3,6-dioxaoctane)sulfonate (Chromoxane)	1259
60903-82-4	4-Chloro-2,3,5,6-tetrafluorotoluene	1214	71027-02-6	4,4,4-Trifluorocrotonic acid	1060
61444-66-4	2,2,3,3-Tetrafluoropropionyl bromide	0974	71195-85-2	Pentafluorophenyl acrylate	1656
61874-51-9	Isopropoxypentafluorobenzene	1167	71735-32-5	N-(Pentafluoropropionyl)imidazole	0726
62037-80-3	Ammonium perfluoro(2-methyl-3-oxahexanoate)	0050	72016-05-8	4,4,5,5,6,6,7,7,7-Nonafluorohept-2-en-1-ol	0651
62038-08-8	Perfluoroheptanenitrile	0784	72114-82-0	2-Hydroxy-2-(trifluoromethyl)butyric acid	1284
64248-61-9	2,4-Difluorobenzotrifluoride	1975	72804-48-9	(Nonafluorobutyl)trifluorooxirane	1626
62679-61-2	1-Phenyl-4,4-difluorobutane-1,3-dione	0337	72848-57-8	Perfluoro(2-methyl-3-oxahexanoyl) chloride	0820
63034-47-9	Chlorodifluoroacetaldehyde hydrate	1539	74328-57-7	[2,3,3,3-Tetrafluoro-2-(trifluoromethyl) propyl]oxirane	0811

74727-22-3 (Z)	2-(Pentafluoroprop-1-enyl)tetrahydrofuran	0720	83643-84-9	Methyl 4,4,4-trifluoroacetoacetate	0620
74727-27-8 (E)	2-(Pentafluoroprop-1-enyl)tetrahydrofuran	0720	83706-94-9 (E)	4,4,4-Trifluorobut-2-en-1-ol	1057
74793-72-9	1-Bromo-1,1,2,2-tetrafluorooct-3-ene	0160	83706-95-0 (E)	4,5,5,5-Tetrafluoro-4-(trifluoromethyl) pent-2-en-1-ol	1009
75108-34-8 (Z)	2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one	1599	83706-98-3 (Z)	4,4,4-Trifluorobut-2-en-1-ol	1057
75108-40-6 (E)	2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one	1599	83706-99-4 (Z)	4,5,5,5-Tetrafluoro-4-(trifluoromethyl) pent-2-en-1-ol	1009
75777-49-0	2-Hydroxy-3,5,6-trifluoropyridine	1735	83789-90-6	4-Acetoxy-2,3,5,6-tetrafluorobenzoic acid	1658
75823-64-2	3(5)-Heptafluoropropyl-5(3)-methylpyrazole	0635	84145-17-5	Allyl nonafluoropentanoate	0035
75824-01-0	5,5,6,6,7,7,8,8,9,9,9-Undecafluorononane-2,4-dione	1116	84153-82-2	4,4,4-Trifluorobutylamine hydrochloride	1804
75853-08-6	1-(Pentafluorophenyl)ethanol	0707	84207-08-9	Methyl 9H-perfluorononanoate, 89%	1886
76437-40-6	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzyl bromide, 98%	0128	84336-22-1	5H-Octafluoropentanal hydrate	0859
76711-87-0	5-Chloro-1H,1H-octafluoropentan-1-ol	1412	84349-27-9	Sodium bromodifluoroacetate	1415
76711-89-2	7-Chloro-1H,1H-perfluoroheptan-1-ol	1540	84476-96-0 (E)	4,4,4-Trifluorocrotononitrile	1207
77117-48-7	1H,1H,1H,2H,2H-Perfluorodecane, 99%	1640	84567-13-5	Methyl 7H-perfluoroheptanoate	0607
77614-79-0	3,5-Bis(difluoromethyl)-1H-pyrazole	1871	85187-22-0	2-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0937
77893-60-8	1H,1H,1H,3H,3H-Perfluorononan-2-one	0609	85211-95-6	1-(Nonafluorobutyl)trifluoroethanesultone	1629
78185-92-9	Ethyl 4,4,4,4',4'-hexafluoro-DL-valinate	0507	85567-21-1	3-(1,1,2,2-Tetrafluoroethoxy)-1,2-propenoxide	0943
78225-99-7	Perfluoroheptanoic anhydride, 98%	0785	85578-29-6	4-(1,1,2,2-Tetrafluoroethoxy)phenol	0946
79162-64-4	1-Iodo-8H-perfluorooctane	1150	85623-66-1	4-Isopropoxy-2,3,5,6-tetrafluorobenzotrifluoride	0976
79272-26-7	3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluorohex-1-ene	0417	85694-31-1	Methyl 4,4,4-trifluorocrotonate	0622
79538-02-6	4-Allyl-2,3,5,6-tetrafluorobenzoic acid	1247	85737-06-0	2-Bromotetrafluoroethyl trifluorovinyl ether	0156
79538-03-7	4-Methyl-2,3,5,6-tetrafluorobenzyl alcohol	0639	86630-50-4	Perfluoro-N-(4-methylcyclohexyl)piperidine	0815
79538-29-7	2,4,6-Trifluorobenzoyl chloride	1051	87189-16-0	Potassium bromodifluoroacetate	1774
79667-91-7	2,2-Difluoroethylamine hydrochloride	1525	87375-53-9	(Perfluorohexyl)trifluorooxirane	1627
79674-46-7	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzyl alcohol	1190	88022-48-4	Hexafluoro-4-(trifluoromethyl)pent-2-enoyl fluoride	0831
79851-29-9	Ethyl perfluoro(2-methyl-3-oxahexanoate)	0382	88553-89-3	4-(2-Chloro-1,1,2-trifluoroethoxy)phenol	1452
79865-03-5	Heptafluorobenzyl iodide	0739	88562-41-8	3,4,4,4-Tetrafluoro-3-(trifluoromethyl) but-1-ene	1001
80043-98-7	Perfluoro(4-methyl-3,6-dioxaoctane) sulfonic acid	1980	89129-69-1	Methyl 2H,2H,7H-perfluoro-3-oxoheptanoate	0614
80201-33-8	2,3-Dichlorononafluoro-2-(trifluoromethyl) pentane	0307	89608-37-7	3-Iodo-1,1,1-trifluoroheptane	0577
80337-25-3	3,3,4,4,5,5,5-Heptafluoropent-1-yne	0463	89621-93-2	3-Iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1436
80793-17-5	1H,1H,1H,2H,2H-Perfluorooctane	1639	89740-38-5	1-Bromo-8H-perfluorooctane	1509
80793-19-7 (Z)	1H,1H,1H,2H,3H-Perfluoronon-2-ene	1029	89847-87-0	(2,2,3,3-Tetrafluoropropoxy) pentafluorobenzene	0734
80793-20-0 (E)	1H,1H,1H,2H,3H-Perfluoronon-2-ene	1029	89847-88-1	1,4-Bis(2,2,3,3-tetrafluoropropoxy) tetrafluorobenzene	0088
80793-21-1	Methyl perfluorohexyl ketone	0610	89866-61-5	5,5,5-Trifluorovaleronitrile	1197
80806-68-4	3-(Perfluorohexyl)propan-1-ol	1028	89889-20-3	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-9- iodononane, 95%+	1934
81190-28-5	(1H,1H-Perfluoropentyl)oxirane	0878	90177-96-1	1H,1H,8H,8H-Perfluorooctane-1,8-diol	1952
81290-20-2	Trimethyl(trifluoromethyl)silane	1111	90499-30-2	1-(Perfluorohexyl)dodecane	1480
82416-71-5	Perfluorononanenitrile	1857	90999-87-4	3,4,4,4-Tetrafluoro-3-(trifluoromethyl) butan-1-ol	1000
82633-43-0	5(3)-Methyl-3(5)-(perfluoropentyl)pyrazole	0633	91600-33-8	Ethyl 3-hydroxy-2-methyl-4,4,4-trifluorobutyrate	1423
82633-48-5	4-Bromo-3(5)-heptafluoropropyl-5(3)- methylpyrazole	1271	91600-34-9 (Z)	Ethyl 4,4,4-trifluorocrotonate	1238
82633-52-1	4-Bromo-3(5)-heptafluoropropyl-5(3)- phenylpyrazole	0147	91600-36-1 (Z)	Ethyl 2-methyl-4,4,4-trifluorocrotonate	0377
82633-69-0	3(5)-Heptafluoropropyl-5(3)-methyl-4- nitropyrazole	0626	91600-40-7 (E)	Ethyl 2-methyl-4,4,4-trifluorocrotonate	0377
82822-26-2	(Perfluoroheptanoyl)acetone	1024	91944-47-7	Trifluoropyruvic aldehyde (20% aqueous solution)	1198
83310-97-8	4,4,5,5,6,6,7,7-Nonafluoroheptan-1-ol	1216	92339-07-6	1,4-Bis(hydroxymethyl)-2,3,5,6-tetrafluorobenzene	1189

<b>92737-01-4</b>	1-Bromo-3,3,4,4,4-pentafluorobutan-2-one	0134	<b>108661-89-8</b>	(2-Bromo-1,1-difluoroethyl)benzene	1944
<b>92835-82-0 (E)</b>	4,4,5,5,6,6,6-Heptafluoro-2-iodohex-2-en-1-ol	0448	<b>108858-09-9</b>	1-(2-Chlorotetrafluoroethyl)trifluoroethanesultone	1631
<b>92835-92-2 (Z)</b>	4,4,5,5,6,6,6-Heptafluoro-2-iodohex-2-en-1-ol	0448	<b>109574-81-4</b>	3-Iodo-5,5,6,6,7,7,8,8,8-nonafluorooctan-1-ol	1437
<b>93343-11-4</b>	2,4,6-Trifluorotoluene	1103	<b>109993-33-1</b>	4,5,5-Trifluoropent-4-en-1-ol	1094
<b>93404-33-2 (Z)</b>	3-(Trifluoromethyl)crotonic acid	1285	<b>110003-22-0</b>	4,5,5-Trifluoropent-4-enoic acid	1093
<b>93449-21-9</b>	3-(Methoxy)tetrafluoropropionic acid, 90%	1884	<b>110254-90-5</b>	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptan-1-ol, 95%	1666
<b>93496-85-6</b>	Methyl 3,3,3-trifluoro-DL-lactate	1748	<b>110260-75-8</b>	Methyl 2H,2H,3H,3H-perfluorononanoate	1411
<b>94159-84-9</b>	1H,1H,2H,3H,3H-Perfluoroundecane-1,2-diol	0888	<b>111079-04-0</b>	1-Phenyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0636
<b>94220-31-2</b>	4-Allyl-2,3,5,6-tetrafluorobenzonitrile	1485	<b>111234-64-1</b>	2,6-Dichloro-3,5-difluoro-4-(trifluoromethyl)phenylhydrazine	0296
<b>94695-48-4</b>	2,3,4,5-Tetrafluorobenzoyl chloride	0926	<b>113116-18-0</b>	5H,5H-Perfluorononane-4,6-dione	0833
<b>94726-00-8</b>	Ethyl 3,3,3-trifluoro-DL-lactate	1243	<b>113507-82-7</b>	Perfluoro(2-ethoxyethane)sulfonic acid	0779
<b>96105-72-5</b>	3,3,3-Trifluoro-DL-alanine hydrochloride	1796	<b>113507-87-2</b>	Sodium perfluoro(2-ethoxyethane)sulfonate	0910
<b>96606-37-0</b>	2,4,6-Trifluorobenzonitrile	1021	<b>113601-46-0</b>	3-Bromo-2,4,5,6-tetrafluorobenzotrifluoride, 96%	1918
<b>96916-53-9</b>	2-Bromo-3,3,4,4,5,5,5-heptafluoropent-1-ene	0122	<b>113612-30-9 (Z)</b>	1-Iodoheptafluorobut-1-ene	0533
<b>97168-13-3</b>	1,1,2-Trifluorobut-1-en-4-ol	1801	<b>113688-49-6</b>	1-(2-Bromotetrafluoroethyl)cyclohexene	0157
<b>99324-96-6</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)butane	0564	<b>113999-58-9 (E)</b>	1-(Perfluorohexyl)oct-1-ene	1030
<b>99324-97-7</b>	6-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	1147	<b>114435-02-8</b>	4-Fluoro-1,3-dioxolan-2-one	0406
<b>99324-98-8</b>	8-Iodo-1,1,1,2,2,3,3,4,4-nonafluorooctane	0522	<b>114715-77-4</b>	2-Hydroxy-2-(trifluoromethyl)propionic acid	1131
<b>99325-07-2 (Z)</b>	2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol	0547	<b>114810-56-9</b>	2-Iodo-4,5,5,5-tetrafluoro-4-(trifluoromethyl)pentan-1-ol	0569
<b>99325-08-3 (E)</b>	2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol	0547	<b>114859-23-3</b>	2,3,4,5,6-Pentafluorobenzyl methacrylate	0688
<b>99338-16-6</b>	1-Phenyl-2H,2H-perfluorononane-1,3-dione	0900	<b>115262-01-6</b>	Trimethyl(bromodifluoromethyl)silane	1222
<b>99783-23-0</b>	2-Methyl-4,4,4-trifluorobutyric acid	1158	<b>115347-68-7</b>	3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluoro-1-iodohexane	0443
<b>101054-93-7</b>	4,4,4-Trifluorobutan-2-ol	1800	<b>115630-80-3 (E)</b>	4,4,4-Trifluorocrotonoyl chloride	1431
<b>101156-31-4</b>	2,3,5,6-Tetrafluorophenyl methacrylate	1301	<b>116146-19-1</b>	Bis(1H,1H,7H-perfluoroheptyloxy)methane	0073
<b>101156-32-5</b>	2,3,5,6-Tetrafluorophenyl acrylate	1657	<b>116586-94-8</b>	3,3,3-Trifluoropropanal dimethylacetal	1810
<b>101947-16-4</b>	1H,1H,2H,2H-Perfluorodecyltriethoxysilane	1900	<b>117205-07-9</b>	Potassium perfluoro(2-ethoxyethane)sulfonate	0905
<b>101975-15-9</b>	4'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1382	<b>117338-23-5</b>	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzoyl fluoride	1498
<b>101975-16-0</b>	3'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1381	<b>117341-57-8</b>	3-Bromo-1,1,1-trifluoroacetone oxime	1474
<b>102682-97-3 (E)</b>	1,1,1,2,3-Pentafluorohexa-2,5-diene	1756	<b>117374-33-1</b>	Allyl perfluorononanoate	0034
<b>102780-88-1</b>	2-Iodoperfluoro(2-methylpentane)	0545	<b>117382-22-6</b>	2-Bromotetrafluoroethyl 1,2,2,2-tetrafluoroethyl ether	1680
<b>103229-77-2 (E)</b>	Hexafluoro-4-(trifluoromethyl)pent-2-enoyl fluoride	0831	<b>117539-28-3</b>	4-Iodo-1,1,1,2,2-pentafluorooctane	1738
<b>103229-89-6 (E)</b>	Hexafluoro-4-(trifluoromethyl)pent-2-enoic acid	0829	<b>117711-60-1</b>	1-(Bromodifluoromethyl)cyclohexene	0118
<b>103229-91-0 (E)</b>	Heptafluoropent-2-enoic acid	0440	<b>119285-89-1</b>	[2,2-Bis(trifluoromethyl)-1H,1H-heptafluoropentyl]oxirane	1611
<b>103628-86-0</b>	Allyl 1H,1H,2H,2H-perfluorooctyl ether	1194	<b>120120-26-5</b>	Triethyl(trifluoromethyl)silane	1312
<b>104291-39-6</b>	4,4,4-Trifluoro-3-(trifluoromethyl)crotonal	1221	<b>120193-44-4</b>	Sodium pentafluorosulfonate	1968
<b>104315-28-8</b>	5-Fluoro-1-methyl-3-pentafluoroethyl-4-trifluoromethyl-1H-pyrazole	1920	<b>120464-26-8</b>	1-(Perfluorohexyl)oct-1-ene	1030
<b>104857-88-7</b>	Methyl pentafluoropropionylacetate	0602	<b>120464-27-9</b>	1-(Perfluorohexyl)dec-1-ene	1027
<b>104863-67-4</b>	N-Methoxy-N-methyltrifluoroacetamide	0584	<b>120695-82-1</b>	2-Iodo-1-(perfluorohexyl)hexane	0571
<b>105774-97-8 (Z)</b>	1-Iodononfluoro(3-methylbut-1-ene)	0542	<b>120801-75-4</b>	Trimethylsilyl 2-(fluorosulfonyl)difluoroacetate	1930
<b>105935-24-8</b>	tert-Butyl 2-(trifluoromethyl)acrylate	1430	<b>121088-09-3</b>	1,4-Bis(tert-butoxy)tetrafluorobenzene, 96%	0084
<b>106538-78-7</b>	Methyl 2,2,3,4,4,4-hexafluorobutyrate	1384	<b>122030-04-0</b>	2,4,6-Trifluorobenzotrifluoride	1050
<b>107018-39-3</b>	Ethyl 2-hydroxy-2-(trifluoromethyl)propionate	1720	<b>122033-54-9</b>	4-Bromo-2,3,5,6-tetrafluorobenzoyl chloride	1921
<b>107070-09-7</b>	2-Iodo-3,3,3-trifluoropropene	1510	<b>122056-08-0</b>	Hexafluoro-2-(4-vinylphenyl)propan-2-ol	1733
<b>107103-95-7</b>	2-Methyl-4,4,4-trifluorobutan-1-ol	1255	<b>122502-50-5</b>	3-(2-Chloro-1,1,2-trifluoroethoxy)-1,2-propeneoxide	1634
<b>107267-44-7</b>	2,3,5,6-Tetrafluorobenzyl chloride	0930			
<b>107368-61-6</b>	Methyl perfluoro(1,4-dimethyl-2,5-dioxaoctyl) ketone, 92%	1940			
<b>107432-46-2</b>	1-Iodo-1-(heptafluoropropoxy)tetrafluoroethane	0554			
<b>107650-06-6</b>	1H,1H,2H,3H,3H-Perfluorononane-1,2-diol	0832			

122502-53-8	3-(1,1,2,3,3,3-Hexafluoropropoxy)-1,2-propenoxide	1612	137131-12-5 (E)	Ethyl 5,5,5-trifluoropent-2-enoate	1726
122894-73-9	Ethyl 2,3,4,5-tetrafluorobenzoate	1345	137506-19-5	N-(2-Hydroxyethyl)perfluoro(2,5-dimethyl-3,6-dioxanone)amide	0515
122980-86-3	3(5)-Difluoromethyl-5(3)-phenylpyrazole	0336	138526-69-9	1-Bromo-3,4,5-trifluorobenzene	1363
123629-51-6	5H,5H,6H,6H,7H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodecane)	1949	138778-59-3 (Z)	4,4,4-Trifluorocrotononitrile	1207
123950-44-7	4-Amino-2,6-difluorobenzotrifluoride	0039	139604-89-0	1-Iodo-1-(trifluoromethoxy)tetrafluoroethane	0555
123973-33-1	2-Amino-4,6-difluorobenzotrifluoride	1183	139903-87-0	5-Bromo-2-iodo-4,4,5,5-tetrafluoropentan-1-ol	1434
124699-32-7	2-Pentafluoroethyl-4,5-dichloro-2,4,5-trifluoro-1,3-dioxolane, 94%	1898	140647-19-4	1-Phenyl-3,5-bis(trifluoromethyl)pyrazole	0897
124898-13-1	Trimethyl(pentafluoroethyl)silane	1311	141522-69-2	1-Phenyl-2H,2H-perfluoroundecane-1,3-dione	0901
125070-38-4	4,4,5,5,6,6,7,7,7-Nonafluoroheptane-1,2-diol	0650	141680-53-7	2-Fluoroethyl acrylate	1829
125370-60-7	3-(1H,1H,9H-Perfluorononyloxy)-1,2-propenoxide	1604	141893-84-7	7H-Perfluoroheptanoyl bromide	0790
126015-32-5	3,3,4,4,5,5,5-Heptafluoropentanal	0457	141977-66-4	1H,1H,-Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecan-1-ol)	1771
126266-75-9	3,3-Dichloro-1,1,1-trifluoroacetone trihydrate	1544	142685-25-4	2,3,5,6-Tetrafluorophenyl trifluoroacetate, 98%+	1787
126828-28-2	2-Chloro-1,6-dibromo-1,1,2-trifluorohexane	1233	145886-83-5	2,2,3,3,4,4,5,5-Octafluoropentanenitrile	1985
126828-29-3	6-Bromo-1,1,2-trifluorohex-1-ene	0180	146195-65-5	1,1,1-Trifluoro-5-methoxy-5-methylhexane-2,4-dione	1939
127117-30-0	1-Bromo-1,1,2,2-tetrafluorobutane	1865	147492-59-9	1-(Perfluorohexyl)decane	1479
127589-63-3	Methyl 3-chlorotetrafluoropropionate	0595	147874-76-8	3H,3H-Perfluorodecane-2,4-dione	0767
128227-97-4	Ethyl 2-methyl-4,4,4-trifluorocrotonate	0377	148043-70-3	5,5,6,6,6-Pentafluorohexanoic acid	1410
128454-91-1	3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohexane	0120	148043-73-6	4,4,5,5,5-Pentafluoropentan-1-ol	0699
128454-94-4	3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohex-1-ene	0121	148757-93-1	4,4,5,5,5-Pentafluoropent-2-en-1-ol	1851
129135-87-1	Potassium bis-nonafluoro-1-butanedisulfonimide,	1935	150433-22-0	5(3)-tert-Butyl-3(5)-(trifluoromethyl)pyrazole	1580
129257-23-4	5(3)-Methyl-3(5)-(perfluorohexyl)pyrazole	0630	150622-65-4	Perfluoro(2-ethyl-1,3-dioxole)	1836
129587-49-1	1-Bromo-4-iodo-1,1,2,2-tetrafluorobutane	1675	150624-30-9	2-Pentafluoroethyl-1,3-dioxolane	1915
129670-05-9	4-(2-Chloro-1,1,2-trifluoroethoxy)-2-methylphenol	1451	151411-98-2	2,4,6-Trifluorobenzyl bromide	1798
129991-14-6	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptanoic acid	0415	151831-44-6	1-Bromo-1,1,2,2-tetrafluoropentane	0161
130130-81-3 (Z)	4,4,4-Trifluorocrotonic acid	1060	151831-45-7	1-Bromo-1,1,2,2-tetrafluorohexane	1866
130676-81-2	Triethoxy[4,4-bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl]silane	1919	152128-73-9 (Z)	1-(Perfluorohexyl)oct-1-ene	1030
131628-34-7	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0951	152128-75-1 (E)	1-(Perfluorohexyl)dec-1-ene	1027
131803-37-7	1,4-Bis(chloromethyl)tetrafluorobenzene	0061	152128-76-2 (Z)	1-(Perfluorohexyl)dec-1-ene	1027
133310-72-2	1-(Perfluorooctyl)tetradecane	1482	152718-74-6	Trimethylsilyl 2-(heptafluoropropoxy)tetrafluoropropionate	1598
133331-77-8	1-(Perfluorohexyl)octane	1768	153614-61-0	2,3,4,5,6-Pentafluorobenzyl acrylate	0684
133609-46-8	Methyl perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoate)	1749	153810-64-1	Fluoromethyl 2,2,3,3-tetrafluoropropyl ether	1293
134307-05-4 (Z)	1-Bromo-1,1,2,2-tetrafluorooct-3-ene	0160	154359-18-1 (Z)	1-Bromo-1,1-difluorohept-2-ene	0117
134307-06-5 (E)	1-Bromo-1,1,2,2-tetrafluorooct-3-ene	0160	154389-17-0 (E)	1-Bromo-1,1-difluorohept-2-ene	0117
134947-25-4	1-Benzoyl-3,5-bis(trifluoromethyl)pyrazole	0055	154628-00-9	1-(Perfluorohexyl)tetradecane	1481
135841-49-5	Trimethyl(perfluorohexyl)silane	1926	154628-01-0	1-(Perfluorohexyl)octadecane, 84%	1767
135984-68-8	2H,2H-Perfluorodecanal	1304	155311-12-9	Molybdenum(VI) dioxide bis(1,1,1-trifluoroacetylacetate)	1516
136049-37-1	Trimethylsilyl perfluoro(2-ethoxyethane)sulfonate	1110	155662-73-0	Molybdenum(VI) dioxide bis(1,1,1,5,5,5-hexafluoroacetylacetate)	1515
136176-46-0	Sodium 7-chloroperfluoroheptanoate	0907	156186-28-6	1,10-Dichloroperfluorodecane	0305
136564-76-6	Ethyl 2-methyl-4,4,4-trifluorobutyrate	0378	156241-41-7	1,1,1,3,3,3-Hexafluoroisopropyl trifluoromethanesulfonate	1463
136564-78-8	2-Methyl-4,4,4-trifluorobutyryl chloride	1637	156243-64-0	4-Bromo-2,6-difluorobenzotrifluoride, 94%	1942
136909-72-3	4,4,5,5,6,6,6-Heptafluorohexan-2-one	1542	159623-34-4	Perfluoroheptanoyl bromide	0791
			159623-35-5	Nonafluoropentanoyl bromide	0867
			161094-94-6	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)octane	0567
			161583-34-2	1-Bromo-1H,1H,2H,2H-perfluorooctane	1125
			161958-58-3	2,4-Dibromo-3,3,4,4-tetrafluorobut-1-ene	0289
			161981-34-6	7,7,8,8,8-Pentafluorooctan-1-ol	1433
			163702-05-4	Ethyl nonafluorobutyl ether	1721

163702-07-6	Methyl nonafluorobutyl ether	1559	223668-68-6	Dimethoxybis(pentafluorophenyl)silane	0346
167026-90-6	1-Iodononafluoro(3-methylbut-1-ene)	0542	223668-78-8	Methoxytris(pentafluorophenyl)silane	0588
167308-43-2	tert-Butyl chlorodifluoroacetate	0185	226575-14-0	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-ene	0988
168332-72-7 (Z)	1H-Perfluorohex-1-ene	1616	226909-72-4	Methyl perfluorohexyl ether	1588
168920-97-6	1-Phenyl-2H,2H-perfluoroheptane-1,3-dione	0898	229957-00-0	5(3)-Methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0634
170118-60-2 (E)	(1E)-1-Ethoxy-4,4,5,5,5-pentafluoropent-1-en-3-one	1923	229980-58-9	1-Acetyl-5(3)-methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole	0018
170804-18-9	Ethyl 3-amino-4,4,4-trifluorobutyrate	1712	229980-59-0	1-Acetyl-4-bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0007
175230-50-9	Isopropyl 4,4,4-trifluoroacetate	0581	229980-60-3	1-Acetyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0030
175838-97-8	4-(1,1,2,2-Tetrafluoroethoxy)biphenyl	1376	230295-07-5	4-Bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0148
181997-60-4	10-Bromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorodecane	1260	230295-10-0	1-Benzoyl-3,5-bis(perfluorohexyl)pyrazole	0053
184783-32-2	(1E)-1-Ethoxy-4,4,5,5,5-pentafluoropent-1-en-3-one	1923	231291-19-3	2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0172
185848-06-0	4-(Trifluorovinyl)benzenesulfonyl fluoride	1468	231301-09-0	1-Acetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0025
186907-75-5	Allyl 2,2,3,3,3-pentafluoropropyl ether	1573	231301-10-3	1-Acetyl-4-chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0012
188429-64-3	1,1-Bis(dimethylamino)-2,2,2-trifluoroethane	1879	231301-24-9	1-Acetyl-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0020
188639-80-7	(2-Iodoethyl)perfluorocyclohexane	0521	231301-25-0	1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0011
189287-30-7 (E)	Methyl 4,4,4-trifluorocrotonate	0622	231301-26-1	1-Benzoyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0058
189347-40-8	4,4-Difluoro-1-(4-methoxyphenyl)butane-1,3-dione	0332	231301-27-2	1-Benzoyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0059
200501-94-6	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)octane	0560	231301-28-3	1-Acetyl-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0019
200501-96-8	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)butane	0558	231301-29-4	1-Acetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0027
202134-57-4	2-[4-(Bromomethyl)phenyl]hexafluoropropan-2-ol	1676	231301-30-7	1-Acetyl-4-bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0005
203201-14-3	1H,1H,1H,3H,3H-Perfluorododecane-2,4-dione	0414	231301-31-8	1-Acetyl-4-chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0010
203302-90-3	1-Bromo-2-methyl-4,4,4-trifluorobutane	1677	231630-82-3	4-Bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0129
203302-91-4	2-Hydroxy-2-(trifluoromethyl)butyronitrile	1204	231630-85-6	1-Acetyl-3,5-bis(heptafluoropropyl)pyrazole	0003
203302-96-9	1,1-Dibromo-3,3,4,4,4-pentafluorobutan-2-one	1320	231630-89-0	1-Benzoyl-3,5-bis(nonafluorobutyl)pyrazole	0052
203303-02-0	4-Bromo-1,1,1-trifluoro-2-(trifluoromethyl)butane	1181	231630-92-5	1-Bromo-1,1,2,2-tetrafluorooctane	0159
204130-95-0	3(5)-Nonafluorobutyl-5(3)-phenylpyrazole	0746	231947-18-5	1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0013
204316-01-8	Trimethyl(nonafluorobutyl)silane	1925	231947-19-6	1-Benzoyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0056
205865-67-4	Ethyl trimethylsilyldifluoroacetate	1220	231947-20-9	1-Acetyl-5(3)-methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0016
205926-99-4	4,4'-Di(hydroxy)octafluorobiphenyl hydrate	0339	231947-22-1	1-Acetyl-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0031
207671-78-1	Hexafluoro-4-(trifluoromethyl)pent-2-enoyl chloride	0830	231947-23-2	1-Acetyl-4-chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0014
211985-86-3	Dimethyl(trifluoromethyl)(vinyl)silane	1309			
212563-43-4	1-Iodo-1H,1H-perfluoroheptane	1146			
215181-91-2	2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one	1599			
215858-32-5	2,2,3,3-Tetrafluoropropanal hydrate	0969			
217186-74-8	Ethyl 5,5,5-trifluoropentanoate, 80%	1887			
219777-03-4	4-Ethoxy-1,1,1-trifluorobutan-2-ol	1275			
219904-94-6	1,2-Dichloro-1,1,2-trifluorooctane	0314			
219904-95-7	1,2-Dichloro-1,1,2-trifluorooct-3-ene	0315			
219904-98-0	(1,2-Dichlorotrifluoroethyl)cyclohexane	0312			
220469-13-6	7,8,8,8-Tetrafluoro-7-(trifluoromethyl)-octan-1-ol, 92%	1845			
222026-50-8	5-Bromo-4-chloro-4,5,5-trifluoropentan-1-ol	0106			
222037-87-8	Perfluorooctanoyl bromide, 95%	1650			
222725-20-4	5-Bromo-4,4,5,5-tetrafluoropentan-1-ol	0163			
223668-64-2	Trimethoxy(pentafluorophenyl)silane	0712			



<b>231947-24-3</b>	1-Acetyl-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0029	<b>239464-01-8</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)nonane	0484
<b>231953-30-3</b>	1-(2-Bromo-1-chlorotrifluoroethyl)cyclohexene	0103	<b>239464-02-9</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)pentane	0485
<b>231953-34-7</b>	1-Acetyl-3,5-bis(perfluorohexyl)pyrazole	0002	<b>239795-57-4</b>	3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl)pent-1-ene	0512
<b>231953-37-0</b>	1-Benzoyl-3,5-bis(heptafluoropropyl)pyrazole	0054	<b>239795-58-5</b>	Hexafluoro-4-(trifluoromethyl)pent-2-enoic acid	0829
<b>231953-39-2</b>	1-Iodoheptaluorobut-1-ene	0533	<b>241819-51-2</b>	2-Bromo-3,4,4,4-tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0158
<b>231955-60-5</b>	1-Acetyl-4-bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0009	<b>242812-08-4</b>	(Trifluorovinyl)cyclohexane	1108
<b>231955-61-6</b>	1-Acetyl-4-bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0008	<b>243128-38-3</b>	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorobutane	0465
<b>232278-00-1</b>	1-Acetyl-4-bromo-5(3)-heptafluoropropyl-3(5)-methylpyrazole	0006	<b>243128-39-4</b>	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluoropentane	0468
<b>232587-49-4</b>	4-Chloro-5(3)-methyl-3(5)-(perfluorooctyl)pyrazole	0218	<b>243128-40-7</b>	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentanoic acid	0956
<b>232602-77-6</b>	1-Bromo-2-(2-bromo-1-chlorotrifluoroethyl)cyclohexane	0099	<b>243128-41-8</b>	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentan-1-ol, 95%	0957
<b>232602-78-7</b>	1-Bromo-4-chloro-1,1,2,2-tetrafluorobutane	0101	<b>243128-42-9</b>	[2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propyl]oxirane	0961
<b>232602-79-8</b>	5-Bromo-4-chloro-4,5,5-trifluoropentanoic acid	0105	<b>243128-48-5</b>	1,2,4-Tribromo-3,3,4,4-tetrafluorobutane	1012
<b>232602-80-1</b>	5-Bromo-4-chloro-4,5,5-trifluoropent-2-enoic acid	0108	<b>243139-56-2</b>	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)pentane	0561
<b>232602-81-2</b>	5-Bromo-4-chloro-4,5,5-trifluoropent-2-en-1-ol	0109	<b>243139-57-3</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)-2-iodopent-2-en-1-ol	0563
<b>234096-23-2</b>	4-Bromo-1,2-dichloro-1,1,2-trifluorobutane	0112	<b>243139-58-4</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentanoic acid	0993
<b>234096-31-2</b>	2-Bromo-3,4,4,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0126	<b>243139-59-5</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-1-ol, 95%	0994
<b>234443-22-2</b>	5-Bromo-4,4,5,5-tetrafluoropentanoic acid	0162	<b>243139-60-8</b>	[2,3,3,3-Tetrafluoro-2-(trifluoromethoxy)propyl]oxirane	0999
<b>234443-23-3</b>	2-Bromotetrafluoropropionitrile	0167	<b>243139-62-0</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentanoic acid	1004
<b>234443-24-4</b>	2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0173	<b>243139-63-1</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-ene	1007
<b>235106-08-8</b>	1-Chloro-1-iodo-1H,2H,2H-perfluorooctane	0212	<b>243139-64-2</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-enoic acid	1008
<b>235106-10-2</b>	2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0259	<b>243139-65-3</b>	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-en-1-ol	1009
<b>235106-11-3</b>	4-Chloro-1,1,2-trifluorobut-1-ene	0261	<b>243139-70-0</b>	2H,3H-Perfluoronon-2-enoic acid	0841
<b>235106-12-4</b>	4-Chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0222	<b>243659-12-3</b>	5(3)-Methyl-3(5)-(perfluorooctyl)pyrazole	0631
<b>235106-13-5</b>	4-Chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0244	<b>243863-42-5</b>	1-(Trifluorovinyl)cyclohexene	1109
<b>236736-19-9</b>	1,2-Dibromo-1H,1H,2H-perfluorohexane	0284	<b>244022-66-0</b>	4-Chloro-5(3)-methyl-3(5)-(perfluorohexyl)pyrazole	0217
<b>239463-94-6</b>	[2,3,3,4,4,4-Hexafluoro-2-(trifluoromethyl)butyl]oxirane	0504	<b>244033-12-3</b>	1-Acetyl-3(5)-heptafluoropropyl-5(3)-methyl-4-nitropyrazole	0017
<b>239463-95-7</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexanoic acid	0505	<b>244187-01-7</b>	1-Acetyl-3,5-bis(trifluoromethyl)pyrazole	0004
<b>239463-96-8</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexan-1-ol, 95%	0506	<b>244214-00-4</b>	1-Acetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0021
<b>239463-97-9</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-ene	0508	<b>247113-92-4</b>	2-(Pentafluoroprop-1-enyl)tetrahydrofuran	0720
<b>239463-98-0</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-enoic acid	0509	<b>247113-93-5</b>	4-Chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0220
<b>239463-99-1</b>	4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-en-1-ol	0510	<b>247126-42-7</b>	1-Benzoyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0057
<b>239464-00-7</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)hexane	0482			

247170-16-7	5(3)-Methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0625	261760-07-0	1,1,1,2-Tetrafluoro-2-(heptafluoropropoxy) oct-3-ene	0955
247170-22-5	4-Chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0221	261760-08-1	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy) pent-2-ene	0958
247170-28-1	1-Acetyl-3,5-bis(nonafluorobutyl)pyrazole	0001	261760-09-2	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy) pent-2-enoic acid	0959
247220-81-1	5(3)- Methyl-3(5)-(nonafluorobutyl)pyrazole	0629	261760-10-5	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy) pent-2-en-1-ol	0960
247220-82-2	4-Chloro-5(3)-methyl-3(5)-(nonafluorobutyl)pyrazole	0216	261760-11-6	Perfluoro(2-methyl-3-oxahexanoyl) bromide	0819
247220-85-5	4-Chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0243	261760-12-7	2,2,3,3-Tetrafluoropropanal hydrate	0969
247220-87-7	4-Chloro-5(3)-methyl-3(5)-(perfluoropentyl)pyrazole	0219	261760-14-9	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy) but-1-yne	0989
248262-31-9	2,3,5,6-Tetrafluoro-4-(trifluoromethyl) benzyl chloride	0215	261760-17-2	1,1,1,2-Tetrafluoro-2-(trifluoromethoxy) oct-3-ene	0992
253882-74-5	4-Allylheptafluorotoluene	1362	261760-18-3	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy) pentan-2-one	0995
261503-26-8	2-Chloro-1H,1H-perfluorooct-1-ene	0239	261760-19-4	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy) pent-2-ene	0996
261503-33-7	2,2-Dichloro-1,1,1-trifluorooct-3-ene	0316	261760-20-7	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy) pent-2-enoic acid	0997
261503-34-8	1,2-Dichloro-1,1,2-trifluoropentane	0317	261760-21-8	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy) pent-2-en-1-ol	0998
261503-39-3	7H-Perfluoroheptanal hydrate	0782	261760-23-0	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	0566
261503-40-6	3H,3H-Perfluorooctane-2,4-dione	0851	261760-24-1	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)pentane	0568
261503-42-8	Perfluorononanoyl bromide	0839	261760-25-2	4,5,5,5-Tetrafluoro-4-trifluoromethyl-2-iodopent-2-en-1-ol	0570
261503-43-9	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluorohept-2-enoic acid	0416	261760-26-3	1,1,1,2-Tetrafluoro-2-(trifluoromethyl)oct-3-ene	1003
261503-44-0	3,3-Bis(trifluoromethyl)-1H-heptafluorohex-1-yne	0418	261760-97-8	1,2,4-Trichloro-1,1,2-trifluorobutane	1019
261503-61-1	Methyl 7-chloroperfluoroheptanoate	0592	261760-98-9	2,3,4-Trichloro-3,4,4-trifluorobut-1-ene	1020
261503-64-4	2-Chloro-3,3,4,4,5,5,5-heptafluoropent-1-ene	0207	261761-00-6	1-(Perfluorohexyl)hex-1-ene	1025
261503-65-5	Methyl 9-chloroperfluorononanoate	0593	261761-01-7	2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol	0547
261503-66-6	2-Chloro-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0210	261761-04-4	1-Trifluoroacetyl-3,5-bis(heptafluoropropyl)pyrazole	0083
261503-67-7	Methyl 5-chlorooctafluoropentanoate	0594	261761-06-2	1-Trifluoroacetyl-3,5-bis(nonafluorobutyl)pyrazole	0071
261503-68-8	5-Chlorooctafluoropentanoyl fluoride	0242	261761-08-4	1-Trifluoroacetyl-3,5-bis(perfluorohexyl)pyrazole	0077
261503-69-9	2-Chloro-3-heptafluoropropoxy-3,4,4,4-tetrafluorobut-1-ene	0246	261761-10-8	1-Trifluoroacetyl-3,5-bis(trifluoromethyl)pyrazole	1044
261503-70-2	2-Chlorotetrafluoropropionyl bromide	0251	261761-12-0	5,5-Bis(trifluoromethyl)-6,6,6-trifluorohexa-1,3-diene	1986
261503-71-3	2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0258	261761-15-3	(3,4,4-Trifluorobut-3-enyloxy)benzene	1058
261503-73-5	1,1,1,2,2,3,3-Heptafluoro-5-iodohexane, 96%	0447	261761-18-6	3(5)-Heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0884
261503-74-6	8H,8H-Perfluoropentadecane-7,9-dione	0856	261761-31-3	1,1,2-Trifluoropent-1-ene	1092
261503-77-9	4,5,5,6,6,6-Hexafluoro-4-trifluoromethyl-2-iodohex-2-en-1-ol	0483	261761-76-6	Perfluorocyclohexanecarbonyl bromide, 96%	0757
261503-78-0	1,1,1,2,2,3-Hexafluoro-3-(trifluoromethyl) non-4-ene	0511	261761-77-7	Methyl perfluorocyclohexyl ketone, 95%	0605
261503-79-1	3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl) pent-1-yne	0513	261778-37-4	1-Trifluoroacetyl-3(5)-nonafluorobutyl-5(3)-trifluoromethylpyrazole	0747
261503-82-6	6H,6H-Perfluoroundecane-5,7-dione	0889	261778-38-5	1-Trifluoroacetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0808
261760-00-3	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy) butyral	0953			
261760-01-4	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy) but-1-yne	0952			
261760-03-6	5-Heptafluoropropoxy-5,6,6,6-tetrafluorohexane-2,4-dione	0954			
261760-05-8	4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorooctane	0467			
261760-06-9	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopent-2-en-1-ol	0470			

261778-39-6	1-Trifluoroacetyl-3(5)-heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0883	883529-13-3	(4-Iodobutyl)perfluorocyclohexane	0520
261778-40-9	1-Trifluoroacetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0640	883543-64-4	5,5,6,6,7,7,7-Heptafluoroheptan-1-ol	0435
262296-38-8	1-Bromo-1,1-difluorohept-2-ene	0117	883546-00-7	4-(Perfluorocyclohexyl)butan-1-ol, 95%	0761
264279-04-1 (Z)	2-Iodo-4,4,4-trifluorobut-2-en-1-ol	0574	883546-05-2	N-(Nonafluoropentanoyl)imidazole	0873
343305-41-9	4-(tert-Butoxy)-2,3,5,6-tetrafluorostyrene	1514	883882-12-0 (E)	1-Iodononafluoro(3-methylbut-1-ene)	0542
344452-10-4	6-Iodo-1,1,1,2,2-pentafluorohexane	0528	885275-92-3	Ethyl 2,2-dimethyl-4,4,4-trifluorobutyrate	1717
365427-25-4	5(3)-(4-Methoxyphenyl)-3(5)-(trifluoromethyl)pyrazole	1208	885276-36-8	4,4,4-Trifluorobutyl hexanoate	1802
385422-30-0	4-Hydroxy-2,3,5,6-tetrafluorostyrene	1831	885276-39-1	4,4,4-Trifluorobutyl 4,4,4-trifluorobutyrate	1803
391199-64-7 (E)	1H-Perfluorohex-1-ene	1616	886762-13-6	3,5-Bis(chloromethyl)-2,4,6-trifluorobenzotrifluoride, 96%	0062
476639-90-4	Potassium (pentafluoroethyl)trifluoroborate	1776	886762-19-2	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopentan-1-ol	0469
507485-96-3	1-Acetyl-3(5)-difluoromethyl-5(3)-phenylpyrazole	0015	886762-23-8	3,5-Dimethyl-2,4,6-trifluorobenzoic acid	1063
510768-12-4	3(5)-Perfluorohexyl-5(3)-phenylpyrazole	0806	887266-89-9	(Dibromomethyl)pentafluorobenzene	1133
510768-14-6	4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethoxy)pentan-1-ol	0562	887268-36-2	1-Fluoro-4-(1,1,2,2-tetrafluoroethoxy)benzene	1191
511243-92-8	1-Acetyl-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0024	907607-07-2	Heptafluorobutyraldehyde hydrate	0424
511243-93-9	1-Acetyl-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0026	907607-08-3	Perfluoropentanal hydrate	0858
511243-94-0	1-Acetyl-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0028	910136-24-2 (Z)	4-Ethoxy-1,1,1-trifluorobut-3-en-2-one	1276
526223-11-0	3-Iodo-5,5,6,6,6-pentafluorohexan-1-ol	1520	912578-73-5	2-Hydroxy-4,4,4-trifluorobutyronitrile	1504
527751-45-7	1-Bromo-3-(1,1,2,2-tetrafluoroethoxy)benzene	0154	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	0825
561069-04-3	Triethoxy[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane	0886	916134-86-6	1-Bromo-3,3,3,4,4,4-pentafluorobut-1-ene	0135
647836-31-5	Potassium 5-fluorosulfonylperfluoro(2-methyl-3-oxapentanoate)	1982	933673-41-7	4-(1,1,2,3,3,3-Hexafluoropropoxy)acetophenone	1367
659739-19-2 (E)	4,4,4-Trifluorocrotonamide	1303	934759-09-8	3(5)-Difluoromethyl-5(3)-methylpyrazole	0334
667938-77-4	1,4-Bis(2-chlorohexafluoroisopropyl)benzene	0060	1006627-74-2 (Z)	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)-2-iodopent-2-en-1-ol	0570
674335-88-7	Methyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate	1962	1029636-02-9	4-Chloro-3(5)-difluoromethyl-5(3)-phenylpyrazole	0202
730971-66-1	Methyl trimethylsilyldifluoroacetate	1219	1029636-05-2	4-Chloro-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0240
746180-23-4	4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl acrylate	1914	1029636-11-0	4-Chloro-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0234
748746-28-3	Methyl 3-amino-4,4,4-trifluorobutyrate	1832	1029636-15-4	4-Chloro-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0229
773869-22-0	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butanoic acid	1861	1029636-42-7	3(5)-Difluoromethyl-5(3)-(4-methoxyphenyl)pyrazole	1140
833499-00-1	1-Bromo-2-(1,1,2,2-tetrafluoroethoxy)benzene	0153	1029650-61-0	3(5)-Perfluorooctyl-5(3)-phenylpyrazole	0854
841313-56-2	Diethoxybis[(2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl)silane, 98%	0319	1030269-32-9	3,5-Bis(nonafluorobutyl)pyrazole	0070
845523-35-5	(1,1,2,3,3,3-Hexafluoropropoxy)pentafluorobenzene	0500	1030269-33-0	3,5-Bis(perfluorohexyl)pyrazole	0076
848337-76-8	Chloromethyl 2,2,3,3-tetrafluoropropyl ether	1292	1030269-34-1	3,5-Bis(heptafluoropropyl)pyrazole	0082
863323-03-9	1-Iodo-4-(1,1,2,2-tetrafluoroethoxy)benzene	1267	1032021-83-2	Iododifluoroacetic acid	1883
878160-69-1 (E)	4-Ethoxy-1,1,1-trifluorobut-3-en-2-ol	1274	1081534-24-8	1-Bromo-2-chloro-1,1,2-trifluorobutane	1670
882050-69-3	2-Bromo-4,4,4-trifluorobutyric acid	1685	1081782-31-1 (E)	4,4,5,5,6,6,6-Heptafluorohex-2-ene	0441
883500-27-4	Trifluoropyruvamide	1811	1081806-68-9 (Z)	4,4,4-Trifluorocrotonamide	1303
883521-27-5	4-Bromomethoxy-2,3,5,6-tetrafluorobenzotrifluoride	0131	1100832-66-3	3-Chloro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline	1691
			1131541-76-8	1-(Perfluorohexyl)trifluoroethanesultone	1630
			1185023-70-4	3,3-Dichloro-1,1,1-trifluoroacetone trihydrate	1544
			1188371-11-0	Potassium tetrafluoroterephthalate	1895
			1210756-85-6	Trifluoropyruvamide hydrate	1812
			1211120-17-0	2-Bromo-2,2-difluoroethylamine hydrochloride	1526
			1239972-69-0	3(5)-Nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0748
			1240309-75-4	3(5)-Perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0809

<b>1244856-02-7</b>	1-(6-Chloroperfluorohexyl) trifluoroethanesultone	1633	<b>1379347-61-1</b>	6-Bromo-1,1,1,2,2-pentafluorohexane	1337
<b>1244856-03-8</b>	4-(2,3-Dibromopropyl)-2,3,5,6- tetrafluorobenzoic acid	1360	<b>1379358-31-2</b>	Sodium 2,2,3,4,4,4-hexafluorobutyrate	1386
<b>1244856-04-9</b>	Trimethylsilyl perfluoroheptanoate	1601	<b>1379361-16-6</b>	3,3,4-Tribromo-1,1,1,2,2-pentafluorobutane	1327
<b>1244856-06-1</b>	Trimethylsilyl perfluorononanoate	1505	<b>1379365-21-5</b>	3-Iodo-5,5,5-trifluoropentanol-1-ol	1435
<b>1244856-07-2</b>	1-(4-Chlorooctafluorobutyl) trifluoroethanesultone	1632	<b>1391033-22-9</b>	7-Bromo-1,1,1,2,2,3,3-heptafluoroheptane	1338
<b>1244856-09-4</b>	4-(2,3-Dibromopropyl)-2,3,5,6- tetrafluorobenzotrichloride	1358	<b>1391033-23-0</b>	5-Iodo-1,1,1,2,2,3-hexafluoro-3- (trifluoromethyl)heptane	1737
<b>1244856-10-7</b>	4-(2,3-Dibromopropyl)-2,3,5,6- tetrafluorobenzotrifluoride	1359	<b>1391033-24-1</b>	4-Methoxy-2,3,5,6-tetrafluorobenzotrichloride	1344
<b>1244856-11-8</b>	2,2,3,3,4,4,4-Heptafluorobutyl perfluoroheptanoate	1129	<b>1391033-26-3</b>	Methyl 1H,1H-perfluorohexyl ether	1594
<b>1274903-33-1</b>	Ammonium 2-aminohexafluoroisopropoxide	1532	<b>1391033-28-5</b>	4-Bromo-2,3,5,6-tetrafluorobenzotrichloride	1356
<b>1274903-97-7</b>	1-Bromo-3,4,4,4-tetrafluoro-3- (trifluoromethyl)butane	1299	<b>1391033-32-1</b>	4-Isopropoxy-2,3,5,6-tetrafluorostyrene	1746
<b>1309602-05-8</b>	Methyl 3-(2,2,3,3,4,4,5,5-octafluoropentoxy) propionate	1154	<b>1391033-36-5</b>	Methyl 1H,1H-nonafluoropentyl ether	1593
<b>1309602-07-0</b>	2-Chloro-5-(1,1,2,2-tetrafluoroethoxy) phenylacetic acid, 98%	1903	<b>1404193-87-8</b>	Perfluoro-2-(fluorosulfonyl)pentanoyl fluoride	1610
<b>1309602-08-1</b>	Isopropyl 2-hydroxy-3,3,3-trifluoro-2- (trifluoromethyl)propionate	0850	<b>1404194-04-2</b>	9H-Perfluorononanoyl bromide	1387
<b>1309602-44-5</b>	4-(3-Hydroxy-1,1,2,4,4,4- hexafluorobutoxy)-3-chloroaniline	1969	<b>1426252-00-7</b>	2,4,5,6-Tetrafluoro-3-(trifluoromethyl) benzyl chloride	1819
<b>1309602-60-5</b>	Dimethoxybis(4-perfluorotolylsilane, 99%)	1248	<b>1426252-03-0</b>	4,4,5-Tribromo-1,1,1,2,2,3,3- heptafluoropentane	1330
<b>1309602-61-6</b>	1,4-Diisopropoxytetrafluorobenzene	1706	<b>1429188-77-1</b>	5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8- heptafluoroocta-1,3-diene	1880
<b>1309602-63-8</b>	Ethyl 3-chloro-4,4,4-trifluorobutyrate	1715	<b>1435806-43-1</b>	Trimethylsilyl nonafluoropentanoate	1596
<b>1309602-68-3</b>	2-Iodo-3,3,3-trifluoropropyl chloridosulfate	1464	<b>1445995-85-6</b>	1-Bromo-1,1,2,2-tetrafluoroheptane	1867
<b>1309602-70-7</b>	4-(Dimethylamino)-2,3,5-trifluorobenzoic acid	1136	<b>1482416-44-3</b>	1-Bromoperfluoro(4-methyl-3,6-dioxaoctane)	1872
<b>1309602-75-2</b>	4-(Dibromomethyl)heptafluorotoluene	1820	<b>1482416-52-3</b>	1-Bromoperfluoro(4,7,10,13-tetramethyl- 3,6,9,12,15-pentaoxaheptadecane	1873
<b>1309602-76-3</b>	Trimethylsilyl 2-(2-bromotetrafluoroethoxy) tetrafluoropropionate	1814	<b>1482416-67-0 (2S)</b>	Methyl 8-bromoperfluoro(2,5-dimethyl- 3,6-dioxaoctanoate)	1965
<b>1309602-83-2</b>	Potassium 2,2,3,4,4,4-hexafluorobutyrate	1855	<b>1482416-72-7 (2R)</b>	Methyl 8-bromoperfluoro(2,5-dimethyl- 3,6-dioxaoctanoate)	1965
<b>1314914-15-2</b>	2-Acetoxy-4,4,4-trifluorobutyronitrile	1500	<b>1562541-14-3</b>	Potassium 2,3,4,5-tetrafluorobenzoate	1896
<b>1314994-88-1</b>	5,5,5-Trifluoropent-2-enoic acid	1102	<b>1613293-20-1</b>	Trimethylsilyl bromodifluoroacetate	1936
<b>1346176-00-8</b>	4-Iodo-1,1,1-trifluoro-2-(trifluoromethyl)butane	1186	<b>1616373-58-0</b>	Trimethylsilyl 2,3,4,5-tetrafluorobenzoate	1937
<b>1350637-03-4</b>	4,4-Bis(trifluoromethyl)-2-iodo- 5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1667	<b>1661005-79-3</b>	2,2,3,3,4,4,5,5-Nonafluoropentyl difluoromethyl ether	1967
<b>1350637-05-6</b>	3-Chloro-2,4,5,6-tetrafluorobenzotrichloride	1353			
<b>1350637-06-7</b>	2,3-Difluoro-2-(nonafluorobutyl)oxirane	1623			
<b>1350637-12-5</b>	(2,3-Dibromopentafluoropropyl) pentafluorobenzene	1697			
<b>1350637-13-6</b>	3,5-Dichloro-2,4,6-trifluorobenzotrichloride	1700			
<b>1350637-14-7</b>	2,3-Difluoro-2-(perfluorohexyl)oxirane	1624			
<b>1350637-16-9</b>	4-Ethoxy-2,3,5,6-tetrafluorostyrene	1711			
<b>1350637-17-0</b>	1-Allyl-4-bromo-2,3,5,6-tetrafluorobenzene	1361			
<b>1350637-23-8</b>	4,5,5,6,6,6-Hexafluoro-2-iodo-4- (trifluoromethyl)hexan-1-ol	1519			
<b>1378864-58-4</b>	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy) butan-1-ol	1228			
<b>1379295-32-5</b>	4-Iodo-1,1,2,2,2-pentafluoropentane	1739			
<b>1379321-83-1</b>	1-Chloro-3-iodo-1,1,2,2-tetrafluoropropane	1692			
<b>1379343-44-8</b>	Trimethylsilyl 3,3,3-trifluoropropionate	1821			

## アルファベット検索

substance	catalog number	substance	catalog number
4-Acetoxytetrafluorobenzoic acid	1658	1-Acetyl-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0024
2-Acetoxy-4,4,4-trifluorobutyronitrile	1500	1-Acetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0025
1-Acetyl-3,5-bis(heptafluoropropyl)pyrazole	0003	1-Acetyl-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0026
1-Acetyl-3,5-bis(nonafluorobutyl)pyrazole	0001	1-Acetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0027
1-Acetyl-3,5-bis(perfluorohexyl)pyrazole	0002	1-Acetyl-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0028
1-Acetyl-3,5-bis(trifluoromethyl)pyrazole	0004	1-Acetyl-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0031
1-Acetyl-4-bromo-5(3)-heptafluoropropyl-3(5)-methylpyrazole	0006	Allyl 2-chloro-1,1,2-trifluoroethyl ether	1577
1-Acetyl-4-bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0008	Allyl 1H,1H-heptafluorobutyl ether	1574
1-Acetyl-4-bromo-5(3)-methyl-3(5)-perfluoro(1-propoxyethyl)pyrazole	0005	Allyl 1,1,2,3,3,3-hexafluoropropyl ether	0032
1-Acetyl-4-bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0007	Allyl nonafluoropentanoate	0035
1-Acetyl-4-bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0009	Allyl 1H,1H,5H-octafluoropentyl ether	1576
1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0011	Allyl 2,2,3,3,3-pentafluoropropyl ether	1573
1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0013	Allyl perfluorononanoate	0034
1-Acetyl-4-chloro-5(3)-methyl-3(5)-perfluoro(1-propoxyethyl)pyrazole	0010	Allyl 1H,1H,2H,2H-perfluorooctyl ether	1194
1-Acetyl-4-chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0012	Allyl 1H,1H-perfluorooctyl ether	1575
1-Acetyl-4-chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0014	Allyl 1,1,2,2-tetrafluoroethyl ether	0036
1-Acetyl-3(5)-difluoromethyl-5(3)-phenylpyrazole	0015	Allyl 2,2,3,3-tetrafluoropropyl ether	1579
1-Acetyl-3(5)-heptafluoropropyl-5(3)-methyl-4-nitropyrazole	0017	Allyl trifluoroacetate, 98%	0037
1-Acetyl-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0020	Allyl 2,2,2-trifluoroethyl ether	1572
1-Acetyl-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0029	1-Allyl-4-bromo-2,3,5,6-tetrafluorobenzene	1361
1-Acetyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0030	4-Allylheptafluorotoluene	1362
1-Acetyl-5(3)-methyl-4-nitro-3(5)-perfluoro(1-propoxyethyl)pyrazole	0016	2-Allylhexafluoroisopropanol	1446
1-Acetyl-5(3)-methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole	0018	Allyloxypentafluorobenzene	0033
1-Acetyl-5(3)-methyl-3(5)-perfluoro(1-propoxyethyl)pyrazole	0019	Allylpentafluorobenzene, 98%	0038
1-Acetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0021	4-Allyl-2,3,5,6-tetrafluorobenzoic acid	1247

*Alphabetical listing of fluorine compounds*

**A B**

4-Allyl-2,3,5,6-tetrafluorobenzonitrile	1485	1-Benzoyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0056
4-Amino-2,6-difluorobenzotrifluoride	0039	1-Benzoyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0057
2-Amino-4,6-difluorobenzotrifluoride	1183	1-Benzoyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0058
2-Aminohexafluoroisopropanol (30% in dioxane or diglyme)	0041	Benzyl trifluoroacetate	1393
2-Amino-3-methyl-1,1,1-trifluorobutane	1822	1,4-Bis(tert-butoxy)tetrafluorobenzene 96%	0084
3-Amino-5-nitrobenzotrifluoride	1373	2,2-Bis(4-carboxyphenyl)hexafluoropropane	1973
2-Amino-3-(pentafluorophenyl)propionic acid	0706	1,4-Bis(2-chlorohexafluoroisopropyl)benzene	0060
4-Aminoperfluorobiphenyl	0043	1,4-Bis(chloromethyl)tetrafluorobenzene	0061
4-Amino-2,3,5,6-tetrafluorobenzamide, 90%	0045	3,5-Bis(chloromethyl)-2,4,6-trifluorobenzotrifluoride	0062
4-Amino-2,3,5,6-tetrafluorobenzoic acid	0046	3,5-Bis(difluoromethyl)-1H-pyrazole	1871
3-Amino-4,4,4-trifluorobutyric acid	1294	1,1-Bis(dimethylamino)-2,2,2-trifluoroethane	1879
2-Amino-1-[4-(trifluoromethyl)phenyl]propane	1659	1,4-Bis(heptafluoroisopropyl)benzene	0078
2-Amino-4-trifluoromethyl-1,3-thiazole	1250	Bis(heptafluoroisopropyl)ketone	1545
2-Amino-1,1,1-trifluoropropane	1179	3,5-Bis(heptafluoropropyl)pyrazole	0082
2-Amino-1,1,1-trifluoropropane hydrochloride	1530	1,3(1,4)-Bis(2-hydroxyhexafluoroisopropyl)benzene, 85%(15%)	0063
3-Amino-1,1,1-trifluoropropan-2-ol	1118	1,3-Bis(2-hydroxyhexafluoroisopropyl)benzene	0064
3-Amino-1,1,1-trifluoropropan-2-ol hydrochloride	1660	1,4-Bis(2-hydroxyhexafluoroisopropyl)benzene	0065
Ammonium perfluoro(2-methyl-3-oxahexanoate)	0050	4,4'-Bis(2-hydroxyhexafluoroisopropyl)biphenyl	0066
Ammonium 2-aminohexafluoroisopropoxide	1532	1,4-Bis(hydroxymethyl)-2,3,5,6-tetrafluorobenzene	1189
Ammonium pentafluoropropionate	0048	3,5-Bis(nonafluorobutyl)pyrazole	0070
Ammonium perfluorononanoate	1661	Bis(pentafluorophenyl)carbonate	0067
Ammonium trifluoroacetate, 99%	0049	Bis(pentafluorophenyl)dimethylsilane, 99%	0352
Benzoyl fluoride	1662	Bis(pentafluorophenyl)hydroxyphosphine	0093
1-Benzoyl-3,5-bis(heptafluoropropyl)pyrazole	0054	Bis(pentafluorophenyl)methane	1120
1-Benzoyl-3,5-bis(nonafluorobutyl)pyrazole	0052	Bis(pentafluorophenyl)phenylphosphine	0068
1-Benzoyl-3,5-bis(perfluorohexyl)pyrazole	0053	Bis(1H,1H,7H-perfluoroheptyloxy)methane	0073
1-Benzoyl-3,5-bis(trifluoromethyl)pyrazole	0055	3,5-Bis(perfluorohexyl)pyrazole	0076
1-Benzoyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole	0059	1,2-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0085

1,4-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0086	1,1-Bis(trifluoromethyl)-2,2,2-trichloroethanol	1324
1,3-Bis(1,1,2,2-tetrafluoroethoxy)benzene	0087	3,3-Bis(trifluoromethyl)-4,4,4-trifluorobutan-1-ol	0095
1,4-Bis(2,2,3,3-tetrafluoropropoxy)tetrafluorobenzene	0088	5,5-Bis(trifluoromethyl)-6,6,6-trifluorohexa-1,3-diene	1986
Bis(2,3,5,6-tetrafluorophenyl)sulfide	1507	2,2-Bis(trifluoromethyl)-3,3,3-trifluoropropan-1-ol, 95%	1945
Bis(trifluoroacetoxy)iodobenzene	1663	N,O-Bis(trimethylsilyl)trifluoroacetamide	0098
Bis(trifluoroacetoxy)iodopentafluorobenzene	1664	(Bromoacetyl)pentafluorobenzene	0127
N,O-Bis(trifluoroacetyl)hydroxylamine	0090	4-Bromobenzotrifluoride	1494
1,4-Bis(2,2,2-trifluoroethoxy)tetrafluorobenzene	0091	3-Bromobenzotrifluoride, 98%	1669
3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohexane	0120	1-Bromo-2-(2-bromo-1-chlorotrifluoroethyl)cyclohexane	0099
3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohex-1-ene	0121	1-Bromo-2-(bromodifluoromethyl)cyclohexane	0100
2,2-Bis(trifluoromethyl)-4,5-dichloro-4,5-difluoro-1,3-dioxolane	1823	2-Bromo-1-chloro-1-iodotrifluoroethane	1674
2,2-Bis(trifluoromethyl)-1,3-dioxolane	1824	1-Bromo-4-chloro-1,1,2,2-tetrafluorobutane	0101
3,3-Bis(trifluoromethyl)-2-fluoro-2-(pentafluoroethyl)oxirane	1665	1-Bromo-2-chlorotetrafluoroethane	1503
4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptanoic acid	0415	1-Bromo-2-chloro-1,1,2-trifluorobutane	1670
4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptan-1-ol, 95%	1666	4-Bromo-3-chloro-3,4,4-trifluorobut-1-ene	0102
4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluorohept-2-enoic acid	0416	1-(2-Bromo-1-chlorotrifluoroethyl)cyclohexene	0103
4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl acrylate	1914	1-Bromo-2-chloro-1,1,2-trifluorooct-3-ene	0104
3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluorohex-1-ene	0417	5-Bromo-4-chloro-4,5,5-trifluoropentanoic acid	0105
3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluorohex-1-yne	0418	5-Bromo-4-chloro-4,5,5-trifluoropentan-1-ol	0106
3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluoro-1-iodohexane	0443	5-Bromo-4-chloro-4,4,5-trifluoropent-2-ene	0107
5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluoroocta-1,3-diene	1880	5-Bromo-4-chloro-4,5,5-trifluoropent-2-enoic acid	0108
5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluorooctan-1-ol, 99%	1953	5-Bromo-4-chloro-4,5,5-trifluoropent-2-en-1-ol	0109
2,2-Bis(trifluoromethyl)-1H,1H-heptafluoropentyloxirane	1611	(3-Bromo-2-chloro-2,3,3-trifluoropropyl)oxirane	0110
4,4-Bis(trifluoromethyl)-2-iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1667	1-Bromo-3,5-dichloro-2,4,6-trifluorobenzene	0111
2,2-Bis(trifluoromethyl)propionic acid	1668	4-Bromo-1,2-dichloro-1,1,2-trifluorobutane	0112
2,2-Bis(trifluoromethyl)propionyl fluoride	1825	Bromodifluoroacetamide	1416
3,5-Bis(trifluoromethyl)pyrazole	0094	Bromodifluoroacetic acid, 98%	0113
2,2-Bis(trifluoromethyl)tetrachloro-1,3-dioxolane, 95%	1122	Bromodifluoroacetic anhydride, 98%	1826

*Alphabetical listing of fluorine compounds*

**B**

Bromodifluoroacetonitrile	1289	1-(Bromomethyl)-4-(1,1,2,2-tetrafluoroethoxy)benzene	1277
Bromodifluoroacetyl bromide	0114	1-Bromo-2-methyl-4,4,4-trifluorobutane	1677
Bromodifluoroacetyl chloride	0115	4-Bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0130
Bromodifluoroacetyl fluoride	0116	1-Bromononafluorobutane	0138
4-Bromo-2,6-difluorobenzotrifluoride, 94%	1942	1-Bromo-3,3,4,4,5,5,6,6-nonafluorohexane	0141
1-Bromo-2,2-difluoroethane (FC-142B1)	1671	2-Bromo-3,3,4,4,5,5,6,6-nonafluorohex-1-ene	1329
2-Bromo-2,2-difluoroethylamine hydrochloride	1526	8-Bromo-1,1,1,2,2,3,3,4,4-nonafluorooctane	1279
(2-Bromo-1,1-difluoroethyl)benzene	1944	1-Bromo-4H-octafluorobutane	0137
1-Bromo-1,1-difluorohept-2-ene	0117	Bromopentafluoroacetone	0132
1-(Bromodifluoromethyl)cyclohexene	0118	Bromopentafluorobenzene	0133
1-Bromo-5-fluoropentane	1858	4-Bromo-1,1,1,2,2-pentafluorobutane	1335
7-Bromo-1,1,1,2,2,3,3-heptafluoroheptane	1338	1-Bromo-3,3,4,4,4-pentafluorobutan-2-one	0134
5-Bromo-1,1,1,2,2,3,3-heptafluoropentane	1336	1-Bromo-3,3,4,4,4-pentafluorobut-1-ene	0135
2-Bromo-3,3,4,4,5,5,5-heptafluoropent-1-ene	0122	2-Bromo-3,3,4,4,4-pentafluorobut-1-ene	1328
2-Bromoheptafluoropropane	0123	Bromopentafluoroethane	0136
1-Bromoheptafluoropropane	0124	6-Bromo-1,1,1,2,2-pentafluorohexane	1337
4-Bromo-3(5)-heptafluoropropyl-5(3)-methylpyrazole	1271	3-Bromo-1,1,1,2,2-pentafluoropropane	1678
4-Bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0147	1-Bromoperfluorocyclohexane	0139
1-Bromo-4-(1,1,2,3,3,3-hexafluoropropoxy)benzene	1366	1-Bromo-1H,1H,2H,2H-perfluorodecane	0140
1-Bromo-2-(1,1,2,3,3,3-hexafluoropropoxy)benzene	1673	2-Bromo-1H,1H-perfluorodec-1-ene	1124
2-Bromo-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0126	1-Bromoperfluorohexane	0142
1-Bromo-4-iodo-1,1,2,2-tetrafluorobutane	1675	1-Bromo-6H-perfluorohexane	0143
1-Bromo-2-iodotetrafluoroethane	1493	1-Bromoperfluoro(4-methyl-3,6-dioxaoctane)	1872
5-Bromo-2-iodo-4,4,5,5-tetrafluoropentan-1-ol	1434	2-Bromoperfluoro(2-methylpentane)	0144
4-Bromomethoxy-2,3,5,6-tetrafluorobenzotrifluoride	0131	1-Bromoperfluorooctane, 99%	0145
2-(Bromomethyl)-1,1,1,3,3,3-hexafluoropropane	1501	1-Bromo-1H,1H,2H,2H-perfluorooctane	1125
4-Bromo-5(3)-methyl-3(5)-perfluoro(1-propoxyethyl)pyrazole	0129	1-Bromo-8H-perfluorooctane	1509
2-[4-(Bromomethyl)phenyl]hexafluoropropan-2-ol	1676	2-Bromo-1H,1H-perfluorooct-1-ene	0146



1-Bromoperfluoro(4,7,10,13-tetramethyl-3,6,9,12,15-pentaoxaheptadecane)	1873	4-Bromotetrafluorophenol	0164
4-Bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0148	4-Bromotetrafluorophenylhydrazine	0165
4-Bromo-2,3,5,6-tetrafluoroaniline	0149	2-Bromotetrafluoropropionamide	0166
1-Bromo-2,3,5,6-tetrafluorobenzene, 99%	0150	2-Bromotetrafluoropropionic acid	0168
1-Bromo-2,3,4,5-tetrafluorobenzene	1679	2-Bromotetrafluoropropionitrile	0167
4-Bromo-2,3,5,6-tetrafluorobenzoic acid	1357	2-Bromotetrafluoropropionyl bromide	0169
4-Bromotetrafluorobenzonitrile, 98%	1897	2-Bromotetrafluoropropionyl chloride	0170
4-Bromo-2,3,5,6-tetrafluorobenzotrifluoride	1356	2-Bromotetrafluoropropionyl fluoride	0171
4-Bromo-2,3,5,6-tetrafluorobenzotrifluoride	0125	2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0172
3-Bromo-2,4,5,6-tetrafluorobenzotrifluoride, 96%	1918	1-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)butane	1299
4-Bromo-2,3,5,6-tetrafluorobenzoyl chloride	1921	2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0173
1-Bromo-1,1,2,2-tetrafluorobutane	1865	10-Bromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorodecane	1260
4-Bromo-3,3,4,4-tetrafluorobut-1-ene	0152	3-Bromo-1,1,1-trifluoroacetone	0174
1-Bromo-2-(1,1,2,2-tetrafluoroethoxy)benzene	0153	3-Bromo-1,1,1-trifluoroacetone oxime	1474
1-Bromo-3-(1,1,2,2-tetrafluoroethoxy)benzene	0154	2-Bromo-1,3,5-trifluorobenzene	0175
1-Bromo-4-(1,1,2,2-tetrafluoroethoxy)benzene	0155	1-Bromo-3,4,5-trifluorobenzene	1363
2-Bromotetrafluoroethyl fluorosulfate	1465	3-Bromo-1,1,1-trifluorobutan-2-one	1684
2-Bromotetrafluoroethyl 1,2,2,2-tetrafluoroethyl ether	1680	1-Bromo-4,4,4-trifluorobutane	0177
2-Bromotetrafluoroethyl trifluorovinyl ether, 98%	0156	2-Bromo-4,4,4-trifluorobutane	1683
1-(2-Bromotetrafluoroethyl)cyclohexene	0157	4-Bromo-1,1,2-trifluorobut-1-ene, 98%	0178
2-Bromo-3,4,4,4-tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0158	2-Bromo-4,4,4-trifluorobutyric acid	1685
1-Bromo-1,1,2,2-tetrafluoroheptane	1867	2-Bromo-1,1,1-trifluoroethane	0179
1-Bromo-1,1,2,2-tetrafluorohexane	1866	6-Bromo-1,1,2-trifluorohex-1-ene	0180
1-Bromo-1,1,2,2-tetrafluorooctane	0159	Bromotrifluoromethane	0181
1-Bromo-1,1,2,2-tetrafluorooct-3-ene	0160	1-Bromo-2-(trifluoromethyl)-3,3,3-trifluoropropene	1512
1-Bromo-1,1,2,2-tetrafluoropentane	0161	5-Bromo-1,1,1-trifluoropentane	1297
5-Bromo-4,4,5,5-tetrafluoropentanoic acid, 95%	0162	1-Bromo-3,3,3-trifluoropropane	0182
5-Bromo-4,4,5,5-tetrafluoropentan-1-ol	0163	2-Bromo-1,1,1-trifluoropropane	1686

*Alphabetical listing of fluorine compounds*

**B C**

3-Bromo-1,1,1-trifluoropropan-2-ol	0183	Chlorodifluoroacetic anhydride, 98%	1414
2-Bromo-3,3,3-trifluoropropan-1-ol	1687	2-Chloro-2,2-difluoroacetophenone, 96%	1239
2-Bromo-3,3,3-trifluoropropene, 99%	0184	Chlorodifluoroacetyl bromide	0199
4-Bromo-1,1,1-trifluoro-2-(trifluoromethyl)butane	1181	Chlorodifluoroacetyl chloride, 99%	0200
4-(tert-Butoxy)-2,3,5,6-tetrafluorostyrene	1514	Chlorodifluoroacetyl fluoride	0201
tert-Butyl chlorodifluoroacetate	0185	2-Chloro-2,2-difluoro-1,1-diphenylethanol	1971
n-Butyl difluoroacetate	1399	1-Chloro-1,1-difluoroethane (HCFC-142b)	1689
n-Butyl heptafluorobutyrate, 98%	0187	2-Chloro-1,1-difluoroethane	1984
n-Butyl pentafluoropropionate	1403	2-Chloro-2,2-difluoroethanol	1690
tert-Butyl pentafluoropropionate	1404	Chlorodifluoromethane (Freon 22)	1950
n-Butyl perfluorooctanoate, 92%	1408	4-Chloro-3(5)-difluoromethyl-5(3)-phenylpyrazole	0202
tert-Butyl 1,1,2,2-tetrafluoroethyl ether	0188	Chlorodimethyl(pentafluorophenyl)silane, 99%	0203
n-Butyl 1,1,2,2-tetrafluoroethyl ether	0189	4-Chloro-3,5-dinitrobenzotrifluoride, 98% min	0204
n-Butyl trifluoroacetate	1394	2-Chloroethyl 2-chloro-1,1,2-trifluoroethyl ether	0205
tert-Butyl trifluoroacetate	1395	2-Chloroethyl 1,1,2,3,3,3-hexafluoropropyl ether	0206
tert-Butyl 2-(trifluoromethyl)acrylate	1430	Chlorofluorometanesulfonyl chloride, 95%	1983
5(3)-tert-Butyl-3(5)-(trifluoromethyl)pyrazole	1580	Chlorofluoromethane (Freon-31)	1959
4-(2-Chloro-1,1,2-trifluoroethoxy)aniline	1371	1-Chloro-3-fluoropropan-2-ol, 95%	1212
2-Chloro-1,4-dibromo-1,1,2-trifluorobutane	0191	4-Chloroheptafluorobut-1-ene	1613
2-Chloro-1,4-dibromo-1,1,2-trifluorodecane	0192	2-Chloro-3,3,4,4,5,5,5-heptafluoropent-1-ene	0207
1-Chloro-1,2-dibromotrifluoroethane	0193	1-Chloroheptafluoropropane (FC 217A)	1119
2-Chloro-1,6-dibromo-1,1,2-trifluorohexane	1233	2-Chloroheptafluoropropane	1143
2-Chloro-1,4-dibromo-1,1,2-trifluorooctane	0194	2-Chloro-3-heptafluoropropoxy-3,4,4,4-tetrafluorobut-1-ene	0246
2-Chloro-1,4-dibromo-1,1,2-trifluoropentane	0195	4-Chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole	0221
4-Chloro-2,5-dibromo-4,5,5-trifluoropentan-1-ol	0196	4-Chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole	0243
Chlorodifluoroacetaldehyde hydrate	1539	(2-Chlorohexafluoroisopropyl)benzene	0209
Chlorodifluoroacetamide	0197	3-Chloro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline	1691
Chlorodifluoroacetic acid	0198	2-Chloro-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene	0210

1-Chloro-6-iodoperfluorohexane	1488	Chloroperfluorocyclohexane	1492
1-Chloro-1-iodo-1H,2H,2H-perfluorooctane	0212	7-Chloroperfluoroheptanoic acid	0230
1-Chloro-8-iodoperfluorooctane	1489	7-Chloro-1H,1H-perfluoroheptan-1-ol	1540
1-Chloro-1-iodotetrafluoroethane, 95%	0213	7-Chloroperfluoroheptanoyl chloride	0231
1-Chloro-2-iodotetrafluoroethane, 95%	0214	7-Chloroperfluoroheptanoyl fluoride	0232
1-Chloro-3-iodo-1,1,2,2-tetrafluoropropane	1692	1-Chloro-6H-perfluorohexane	0233
Chloromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevochlorane)	1567	1-Chloroperfluorohexane	1137
Chloromethyl 2,2,3,3-tetrafluoropropyl ether	1292	6-Chloroperfluorohex-1-ene	1614
4-Chloro-5(3)-methyl-3(5)-(nonafluorobutyl)pyrazole	0216	(6-Chloroperfluorohexyl)trifluorooxirane	1622
4-Chloro-5(3)-methyl-3(5)-(perfluorohexyl)pyrazole	0217	4-Chloro-3(5)-perfluorohexyl-5(3)-phenylpyrazole	0234
4-Chloro-5(3)-methyl-3(5)-(perfluorooctyl)pyrazole	0218	1-(6-Chloroperfluorohexyl)trifluoroethanesultone	1633
4-Chloro-5(3)-methyl-3(5)-(perfluoropentyl)pyrazole	0219	9-Chloroperfluorononanoic acid, 95%	0236
4-Chloro-5(3)-methyl-3(5)-perfluoro(1-propoxyethyl)pyrazole	0220	9-Chloroperfluorononanoyl chloride	0237
4-Chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0222	1-Chloro-8H-perfluorooctane	0238
4-Chloro-3-nitrobenzotrifluoride	0223	2-Chloro-1H,1H-perfluorooct-1-ene	0239
1-Chlorononafluorobutane	1641	8-Chloroperfluorooct-1-ene	1615
4-Chloro-3(5)-nonafluorobutyl-5(3)-phenylpyrazole	0229	4-Chloro-3(5)-perfluorooctyl-5(3)-phenylpyrazole	0240
1-Chloro-4H-octafluorobutane	0224	11-Chloroperfluoroundecanoic acid, 94%	1389
1-(4-Chlorooctafluorobutyl)trifluoroethanesultone	1632	2-(4-Chlorophenyl)hexafluoropropan-2-ol	0211
(4-Chlorooctafluorobutyl)trifluorooxirane	1621	1-(4-Chlorophenyl)-4,4,4-trifluorobutane-1,3-dione, 95%	1551
5-Chlorooctafluoropentanoic acid	0225	4-Chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole	0244
5-Chloro-1H,1H-octafluoropentan-1-ol	1412	1-Chloro-2,3,5,6-tetrafluorobenzene, 99%	0245
5-Chlorooctafluoropentanoyl chloride	0241	1-Chloro-2,3,4,6-tetrafluorobenzene, 96%	1213
5-Chlorooctafluoropentanoyl fluoride	0242	3-Chloro-2,4,5,6-tetrafluorobenzoic acid	1350
Chloropentafluoroacetone	0226	3-Chloro-2,4,5,6-tetrafluorobenzotrifluoride	1353
Chloropentafluoroacetone monohydrate	0227	3-Chloro-2,4,5,6-tetrafluorobenzotrifluoride	0208
Chloropentafluorobenzene	0228	2-Chloro-5-(1,1,2,2-tetrafluoroethoxy)phenylacetic acid, 98%	1903
3-Chloro-1,1,1,2,2-pentafluoropropane	1642	1-(2-Chlorotetrafluoroethyl)trifluoroethanesultone	1631

*Alphabetical listing of fluorine compounds*

**C D**

(2-Chlorotetrafluoroethyl)trifluorooxirane	1620	2-Chloro-3,3,3-trifluoropropene	0268
4-Chlorotetrafluorophenol	0247	Copper(II) 1,1,1-trifluoroacetylacetonate	0269
3-Chloro-1,1,2,2-tetrafluoropropane	0249	Copper(II) hexafluoroacetylacetonate	1553
3-Chloro-2,2,3,3-tetrafluoropropan-1-ol	1391	Decafluorobenzhydrol	0270
2-Chlorotetrafluoropropionamide	0248	Decafluorobenzophenone	0271
3-Chlorotetrafluoropropionic acid	0250	Decafluorobiphenyl, 99%	0272
2-Chlorotetrafluoropropionic acid	0257	Decafluorocyclohexanone, 92%	1193
2-Chlorotetrafluoropropionyl bromide	0251	Decafluorocyclohexene, 94%	0760
2-Chlorotetrafluoropropionyl chloride	0252	Decafluorodiphenyl sulfide	0703
3-Chlorotetrafluoropropionyl chloride	0253	1H,1H,2'H,3H-Decafluorodipropyl ether	1565
2-Chlorotetrafluoropropionyl fluoride	0254	Decafluoro-1,2-epoxycyclohexane, 92%	1192
3-Chlorotetrafluoropropionyl fluoride	0255	3H,3H-Decafluoroheptane-2,4-dione	0783
4-Chloro-2,3,5,6-tetrafluorotoluene	1214	4H,4H-Decafluoroheptane-3,5-dione	0273
2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene	0258	4,4'-Diaminoctafluorobiphenyl	0274
2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	0259	Dibromodifluoromethane	0277
1-Chloro-2,4,6-trifluorobenzene	0260	4,5-Dibromo-1,1,1,2,2,3,3-heptafluoropentane	1319
4-Chloro-1,1,1-trifluorobutane	1693	2,3-Dibromohexafluorobut-2-ene	1521
4-Chloro-1,1,2-trifluorobut-1-ene	0261	1,2-Dibromohexafluoropropane	0279
2-Chloro-1,1,1-trifluoroethane	0262	2,2-Dibromohexafluoropropane	0280
Chlorotrifluoroethene	0263	4-(Dibromomethyl)heptafluorotoluene	1820
4-(2-Chloro-1,1,2-trifluoroethoxy)acetophenone	1370	(Dibromomethyl)pentafluorobenzene	1133
3-(2-Chloro-1,1,2-trifluoroethoxy)benzaldehyde	1369	4,4'-Dibromooctafluorobiphenyl	0281
4-(2-Chloro-1,1,2-trifluoroethoxy)-2-methylphenol	1451	2,2'-Dibromooctafluorobiphenyl	1941
4-(2-Chloro-1,1,2-trifluoroethoxy)phenol	1452	3,4-Dibromo-1,1,1,2,2-pentafluorobutane	1318
3-(2-Chloro-1,1,2-trifluoroethoxy)-1,2-propeneoxide	1634	1,1-Dibromo-3,3,4,4,4-pentafluorobutan-2-one	1320
1-Chloro-2,2,2-trifluoroethyl acetate	1878	1,2-Dibromo-3,3,4,4,4-pentafluorobut-1-ene, 96%	1906
2-Chloro-2-(trifluoromethyl)perfluoropentane	0235	(2,3-Dibromopentafluoropropyl)pentafluorobenzene	1697
3-Chloro-1,1,1-trifluoropropane	0267	1,2-Dibromo-1H,1H,2H-perfluorodecane	1326

1,2-Dibromoperfluoroheptane	1506	Dichloromethyl 2,2,2-trifluoroethyl ether	1555
1,2-Dibromo-1H,1H,2H-perfluorohexane	0284	(Dichloromethyl)pentafluorobenzene	1876
1,2-Dibromo-1H,1H,2H-perfluorooctane	1325	2,3-Dichlorononafluoro-2-(trifluoromethyl)pentane	0307
4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzoic acid	1360	1,4-Dichlorooctafluorobutane	0302
4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrichloride	1358	2,3-Dichlorooctafluorobutane	0303
4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrifluoride	1359	1,2-Dichloro-1,1,3,3,3-pentafluoropropane	0304
1,2-Dibromotetrafluorobenzene	0285	1,10-Dichloroperfluorodecane	0305
1,3-Dibromotetrafluorobenzene	0286	1,16-Dichloroperfluorohexadecane	1155
1,4-Dibromotetrafluorobenzene	0287	1,6-Dichloroperfluorohexane	0306
1,4-Dibromo-1,1,2,2-tetrafluorobutane	0288	1,8-Dichloroperfluorooctane	0308
2,4-Dibromo-3,3,4,4-tetrafluorobut-1-ene	0289	1,3-Dichlorotetrafluoroacetone	1907
1,1-Dibromotetrafluoroethane	0290	3,3-Dichloro-1,1,1-trifluoroacetone trihydrate	1544
1,2-Dibromotetrafluoroethane (Freon 114 B2)	0291	2,4-Dichloro-1,3,5-trifluorobenzene	0309
1,1-Dibromo-3,3,3-trifluoroacetone	1135	3,5-Dichloro-2,4,6-trifluorobenzoic acid	0310
1,2-Dibromo-3,3,3-trifluoropropane	0292	3,5-Dichloro-2,4,6-trifluorobenzotrichloride	1700
3,4-Dichlorobenzotrifluoride	1976	3,5-Dichloro-2,4,6-trifluorobenzotrifluoride	0300
1,2-Dichloro-1,1-difluoroethane	0293	3,4-Dichloro-3,4,4-trifluorobut-1-ene	0311
1,2-Dichlorodifluoroethylene (E/Z isomer mixture)	0294	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1960
2,6-Dichloro-3,5-difluorophenol	0295	(1,2-Dichlorotrifluoroethyl)cyclohexane	0312
2,6-Dichloro-3,5-difluoro-4-(trifluoromethyl)phenylhydrazine	0296	1,2-Dichloro-1,1,2-trifluorooctane	0314
4,5-Dichloro-1,3-dioxolan-2-one	1698	1,2-Dichloro-1,1,2-trifluorooct-3-ene	0315
Dichlorofluoroacetic acid	1827	2,2-Dichloro-1,1,1-trifluorooct-3-ene	0316
2,2-Dichloro-2-fluoroethanol	1699	1,2-Dichloro-1,1,2-trifluoropentane	0317
2,3-Dichlorohexafluorobut-2-ene	0297	1,2-Dichloro-3,3,3-trifluoropropane	0318
1,2-Dichlorohexafluoropropane	0299	Diethoxybis[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane	0319
2,2-Dichlorohexafluoropropane	1139	1,4-Diethoxytetrafluorobenzene	0320
1,2-Dichloro-4-iodo-1,1,2-trifluorobutane, 95%	0313	Diethyl perfluoroadipate	1421
1,2-Dichloro-2-iodotrifluoroethane, 93%	0301	Diethyl 4-(trifluoromethyl) tetrafluoromethylmalonate	1877

*Alphabetical listing of fluorine compounds*

**D**

4-Diethylamino-1,1,1-trifluorobut-3-en-2-one	0322	3(5)-Difluoromethyl-5(3)-methylpyrazole	0334
N,N-Diethyl-2-chloro-1,1,2-trifluoroethylamine (Yarovenko's reagent)	0266	3(5)-Difluoromethyl-5(3)-phenylpyrazole	0336
N,N-Diethyl-1,1,2,3,3,3-hexafluoropropylamine (Ishikawa's reagent)	0323	(Difluoromethyl)trimethylsilane	1860
N,N-Diethyl-2,3,3,3-tetrafluoropropionamide	1400	2,3-Difluoro-2-(nonafluorobutyl)oxirane	1623
N,N-Diethyltrifluoroacetamide	1397	2,3-Difluoro-2-(perfluorohexyl)oxirane	1624
Difluoroacetamide	1138	2,2-Difluoropropane-1,3-diol	1236
Difluoroacetic acid, 98%	0324	1,3-Difluoropropan-2-ol	1224
Difluoroacetic anhydride, 96%	1702	1,3-Difluoroprop-2-yl trifluoroacetate	1885
1,1-Difluoroacetone	1703	1,3-Difluorotetrachloroacetone	1908
Difluoroacetonitrile	0256	1,2-Difluorotetrachloroethane	1905
Difluoroacetyl chloride	0325	4,4'-Di(hydroxy)octafluorobiphenyl	1874
Difluoroacetyl fluoride	1828	4,4'-Di(hydroxy)octafluorobiphenyl hydrate	0339
1,1-Difluoroacetylacetone	0326	1,8-Diiodoperfluorooctane	0349
2,4-Difluorobenzotrifluoride	1975	1,2-Diiodotetrafluorobenzene, 99%	0342
3,4-Difluorobenzyl chloride	0328	1,4-Diiodotetrafluorobenzene	0343
2,2-Difluoroethanol, 98%	0329	1,3-Diiodotetrafluorobenzene	1178
2,2-Difluoroethyl acetate	1390	1,4-Diisopropoxytetrafluorobenzene	1706
2,2-Difluoroethylamine, 98%	0330	1,2-Diisopropoxytetrafluorobenzene	1938
2,2-Difluoroethylamine hydrochloride	1525	Dimethoxybis(pentafluorophenyl)silane	0346
Difluoroiodomethane	1117	Dimethoxybis(4-perfluorotolyl)silane, 99%	1248
(Difluoromethoxy)benzene	0327	1,4-Dimethoxytetrafluorobenzene	0347
4,4-Difluoro-1-(4-methoxyphenyl)butane-1,3-dione, 95%	0332	Dimethyl difluoromalonate	1305
2-(Difluoromethoxy)toluene	0333	Dimethyl octafluoroadipate	0348
Difluoromethyl 1-chloro-2,2,2-trifluoroethyl ether (Isoflurane)	1557	Dimethyl perfluoro(2-methyl-3-oxadipinate)	1290
Difluoromethyl 2,2,3,3,3-pentafluoropropyl ether	1561	Dimethyl perfluorosuberate, 95%	1964
Difluoromethyl 2,2,2-trifluoroethyl ether	1556	4-Dimethylaminoheptafluorotoluene	0351
Difluoromethyldimethylamine	1322	4-(Dimethylamino)-2,3,5-trifluorobenzoic acid	1136
3(5)-Difluoromethyl-5(3)-(4-methoxyphenyl)pyrazole	1140	4,4'-Dimethyloctafluorobiphenyl	0353

6,6-Dimethyl-1,1,1,2,2-pentafluoroheptane-3,5-dione	0694	Ethyl 3-chloro-4,4,4-trifluorobutyrate	1715
1,4-Dimethyltetrafluorobenzene	0354	Ethyl 2-chloro-1,1,2-trifluoroethyl ether	0264
N,N-Dimethyl-1,1,2,2-tetrafluoroethylamine	1890	Ethyl 2,2-dibromo-4,4,4-trifluoroacetoacetate	1291
3,5-Dimethyl-2,4,6-trifluorobenzoic acid	1063	Ethyl dichlorofluoroacetate	1288
Dimethyl(trifluoromethyl)(vinyl)silane	1309	Ethyl difluoroacetate, 99%	0369
3,5-Dinitrobenzotrifluoride	0356	Ethyl 4,4-difluoroacetoacetate, 95%	0370
2,6-Dinitro-4-(trifluoromethyl)phenol, 95%	0358	Ethyl 2,2-difluoro-2-phenylacetate	1853
Diphenyl(pentafluorophenyl)phosphine	0383	Ethyl 2,2-dimethyltrifluoroacetoacetate	1716
Epifluorohydrin	1707	Ethyl 2,2-dimethyl-4,4,4-trifluorobutyrate	1717
2,3-Epoxypropyl acrylate	1817	Ethyl 2-ethoxymethylene-4,4,4-trifluoroacetoacetate	1718
Ethoxypentafluorobenzene	1287	Ethyl 2-ethoxy-2,3,3,3-tetrafluoropropionate	1187
(1E)-1-Ethoxy-4,4,5,5,5-pentafluoropent-1-en-3-one	1923	Ethyl heptafluorobutyrate, 99%	0373
1-Ethoxy-2,3,5,6-tetrafluorobenzene	1709	Ethyl heptafluorobutyrylacetate	1719
4-Ethoxy-2,3,5,6-tetrafluorobenzotrifluoride	1710	Ethyl 2,2,3,4,4,4-hexafluorobutyrate	1385
4-Ethoxy-2,3,5,6-tetrafluorostyrene	1711	Ethyl 1,1,2,3,3,3-hexafluoropropyl ether	1563
4-Ethoxy-1,1,1-trifluorobutan-2-ol	1275	Ethyl 4,4,4,4',4',4'-hexafluoro-DL-valinate	0507
4-Ethoxy-1,1,1-trifluorobut-3-en-2-ol	1274	Ethyl 3-hydroxy-2-methyl-4,4,4-trifluorobutyrate	1423
4-Ethoxy-1,1,1-trifluorobut-3-en-2-one	1276	Ethyl 3-hydroxy-4,4,4-trichlorobutyrate	0374
Ethyl 4-aminotetrafluorobenzoate	0362	Ethyl 3-hydroxy-4,4,4-trifluorobutyrate	0375
Ethyl 3-amino-4,4,4-trifluorobutyrate	1712	Ethyl 2-hydroxy-2-(trifluoromethyl)propionate	1720
Ethyl bromodifluoroacetate, 98%	0363	Ethyl iododifluoroacetate	0371
Ethyl 2-bromotetrafluoropropionate	0364	Ethyl 2-methyl-4,4,4-trifluoroacetoacetate	0376
Ethyl 2-bromo-4,4,4-trifluoroacetoacetate	1424	Ethyl 2-methyl-4,4,4-trifluorobutyrate	0378
Ethyl 3-bromo-4,4,4-trifluorobutyrate	1713	Ethyl 3-methyl-4,4,4-trifluorobutyrate	0393
Ethyl chlorodifluoroacetate	0365	Ethyl 2-methyl-4,4,4-trifluorocrotonate	0377
Ethyl 2-chlorotetrafluoropropionate	0366	Ethyl nonafluorobutyl ether	1721
Ethyl 3-chlorotetrafluoropropionate	0367	Ethyl nonafluoropentanoate, 99%	0387
Ethyl 2-chloro-4,4,4-trifluoroacetoacetate	0368	Ethyl 5H-octafluoropentanoate, 99%	0386

*Alphabetical listing of fluorine compounds*

**E F**

Ethyl pentafluorobenzoate	0379	Ethyl trifluoropyruvate, 98%	0394
Ethyl (pentafluorobenzoyl)acetate	1722	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate	0395
Ethyl pentafluoroethyl ether	1554	Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)crotonate	0396
Ethyl pentafluoroethyl ketone	1541	Ethyl trifluorovinyl ether	0397
Ethyl (pentafluorophenoxy)acetate	1723	Ethyl trimethylsilyldifluoroacetate	1220
Ethyl pentafluoropropionate, 99%	0380	2-Fluorobenzaldehyde	0401
Ethyl pentafluoropropionylacetate	1300	2-Fluorobenzamide	1200
Ethyl perfluoroheptanoate, 99%	0381	1-Fluorobutane	0402
Ethyl 7H-perfluoroheptanoate	1409	2-Fluorobutane	1870
Ethyl perfluoro(2-methyl-3-oxahexanoate)	0382	Fluorocyclohexane	0403
Ethyl 9H-perfluorononanoate	0384	1-Fluorodecane	1476
Ethyl perfluorononanoate, 99%	0385	4-Fluoro-1,3-dioxolan-2-one	0406
Ethyl perfluorooctanoate, 92%	1407	1-Fluorododecane	0404
Ethyl 11H-perfluoroundecanoate	0388	Fluoroethane	0405
Ethyl 2,3,4,5-tetrafluorobenzoate	1345	2-Fluoroethanol	1951
Ethyl 1,1,2,2-tetrafluoroethyl ether	0389	2-Fluoroethyl acrylate	1829
Ethyl 2,3,3,3-tetrafluoropropionate	0390	1-Fluoroheptane	0407
Ethyl 2,2,3,3-tetrafluoropropionate	1725	1-Fluorohexane	0408
Ethyl trifluoroacetate, 99%	0391	1-Fluoro-3-iodopropane	1924
Ethyl 4,4,4-trifluoroacetoacetate	0392	Fluoromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)	0582
Ethyl 4,4,4-trifluorobutyrate	1254	Fluoromethyl 2,2,3,3-tetrafluoropropyl ether	1293
Ethyl 4,4,4-trifluorocrotonate, 99%	1238	4-Fluoro-N-methylaniline	1206
Ethyl 3,3,3-trifluoro-DL-lactate	1243	5-Fluoro-1-methyl-3-pentafluoroethyl-4-trifluoromethyl-1H-pyrazole	1920
Ethyl trifluoromethanesulfonate	1317	1-Fluorononane	0409
Ethyl 3-(trifluoromethyl)crotonate	1218	1-Fluorooctane	0410
Ethyl 5,5,5-trifluoropentanoate, 80%	1887	5-Fluoroorotic acid monohydrate	0413
Ethyl 5,5,5-trifluoropent-2-enoate	1726	Fluoropentachloroethane	1961
Ethyl 3,3,3-trifluoropropionate	1269	1-Fluoropentane	0411



4-Fluorophenol	1201	Heptafluorobutyryl fluoride	1546
2-Fluorophenylglycine	0412	N-(Heptafluorobutyryl)imidazole, 98%	0432
2-(Fluorosulfonyl)difluoroacetic acid	1979	2,2,3,3,4,4,4-Heptafluorobutyraldehyde	1196
8-Fluorosulfonylperfluoro(2,5-dimethyl-3,6-dioxaoctanoyl) fluoride	1466	1,1,1,2,2,3,3-Heptafluoro-7,7-dimethyloctane-4,6-dione	0434
5-Fluorosulfonylperfluoro(2-methyl-3-oxapentanoyl) fluoride	1467	5,5,6,6,7,7,7-Heptafluoroheptane-2,4-dione	0436
11-Fluorosulfonylperfluoro(2,5,8-trimethyl-3,6,9-trioxaundecanoyl) fluoride	1849	5,5,6,6,7,7,7-Heptafluoroheptan-1-ol	0435
1-Fluoro-4-(1,1,2,2-tetrafluoroethoxy)benzene	1191	4,4,5,5,6,6,6-Heptafluorohexane-1,2-diol	0437
Fluorotribromomethane (FC 11B3)	1010	4,4,5,5,6,6,6-Heptafluorohexanoic acid	0438
Fluorotrichloromethane	1491	4,4,5,5,6,6,6-Heptafluorohexan-1-ol	0439
Heptafluorobenzyl iodide	0739	4,4,5,5,6,6,6-Heptafluorohexan-2-one	1542
Heptafluorobutanol ethyl hemiacetal	1911	4,4,5,5,6,6,6-Heptafluorohex-2-ene	0441
Heptafluorobutanal methyl hemiacetal	1852	4,4,5,5,6,6,6-Heptafluorohex-2-enoic acid	0804
Heptafluorobutanamidine	1534	4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol	0442
2,2,3,3,4,4,4-Heptafluorobutan-1-ol, 98%	0419	1,1,1,2,2,3,3-Heptafluoro-7-iodoheptane, 94%	0446
1,1,2,3,3,4,4-Heptafluorobut-1-ene	1176	1,1,1,2,2,3,3-Heptafluoro-5-iodohexane, 96%	0447
2,2,3,3,4,4,4-Heptafluorobutyl acrylate, 98%	0420	4,4,5,5,6,6,6-Heptafluoro-2-iodohexan-1-ol	1518
2,2,3,3,4,4,4-Heptafluorobutyl methacrylate, 98%	0422	4,4,5,5,6,6,6-Heptafluoro-2-iodohex-2-en-1-ol	0448
2,2,3,3,4,4,4-Heptafluorobutyl perfluoroheptanoate	1129	Heptafluoro-1-iodopropane, 96%+	0452
1H,1H-Heptafluorobutyl trifluoromethanesulfonate	1460	Heptafluoro-2-iodopropane, 99%	0453
2,2,3,3,4,4,4-Heptafluorobutylamine	0744	Heptafluoroisobutyronitrile	1226
(2,2,3,3,4,4,4-Heptafluorobutyl)oxirane	0423	Heptafluoroisopropyl acrylate	0454
Heptafluorobutyraldehyde hydrate	0424	Heptafluoroisopropyl methyl ether	1928
Heptafluorobutyramide, 98%	0425	Heptafluoroisopropyl trifluoromethyl ketone	1234
Heptafluorobutyric acid, 99%	0426	(Heptafluoroisopropyl)benzene	1257
Heptafluorobutyric anhydride, 99%	0427	4-(Heptafluoroisopropyl) tetrafluorobenzotrifluoride	0812
Heptafluorobutyronitrile	0428	4-(Heptafluoroisopropyl)toluene	0455
Heptafluorobutyryl bromide	0430	3,3,4,4,5,5,5-Heptafluoro-2-methylpentan-2-ol	1153
Heptafluorobutyryl chloride, 98%	0431	1,1,1,2,2,3,3-Heptafluoronon-4-ene	0456

*Alphabetical listing of fluorine compounds*

**H**

3,3,4,4,5,5,5-Heptafluoropentanal	0457	2-(2,2,3,4,4,4-Hexafluorobutoxy)ethanol	1443
3,3,4,4,5,5,5-Heptafluoropentan-1-ol	0459	2,2,3,4,4,4-Hexafluorobutyl acrylate, 99%	0479
3,3,4,4,5,5,5-Heptafluoropentan-2-ol	0460	2,2,3,4,4,4-Hexafluorobutyl methacrylate, 99%	0480
3,3,4,4,5,5,5-Heptafluoropent-1-ene	0462	Hexafluorobut-2-yne	0481
Heptafluoropent-2-enoic acid	0440	2,2,3,4,4,4-Hexafluorobutyric acid	1383
3,3,4,4,5,5,5-Heptafluoropent-1-yne	0463	2,2,3,3,4,4-Hexafluorobutyric acid	1863
5-Heptafluoropropoxy-5,6,6,6-tetrafluorohexane-2,4-dione	0954	4-(Hexafluoro-2-hydroxyisopropyl)aniline, 95%	0044
2-Heptafluoropropoxy-2,3,3,3-tetrafluoropropan-1-ol	1441	4-(Hexafluoro-2-hydroxyisopropyl)benzoic acid	1869
Heptafluoropropyl pentafluoroethyl ether	1966	1,1,1,5,5,5-Hexafluoro-4-hydroxy-4-methylpentan-2-one	1547
Heptafluoropropyl phenyl ketone	0429	4,5,5,6,6,6-Hexafluoro-2-iodo-4-(trifluoromethyl)hexan-1-ol	1519
Heptafluoropropyl trifluorovinyl ether, 99%+	0880	Hexafluoroisopropanol, 99%+	0494
3(5)-Heptafluoropropyl-5(3)-methyl-4-nitropyrazole	0626	2-(1,1,1,3,3,3-Hexafluoroisopropoxy)ethanol	1444
3(5)-Heptafluoropropyl-5(3)-methylpyrazole	0635	1,1,1,3,3,3-Hexafluoroisopropyl acrylate	0487
3(5)-Heptafluoropropyl-5(3)-phenylpyrazole	0881	1,1,1,3,3,3-Hexafluoroisopropyl p-toluenesulfonate	0489
3(5)-Heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0884	1,1,1,3,3,3-Hexafluoroisopropyl trifluoroacetate	1264
Hexafluoroacetone, 98 %	0472	1,1,1,3,3,3-Hexafluoroisopropyl trifluoromethanesulfonate	1463
Hexafluoroacetone imine	1223	1,1,1,3,3,3-Hexafluoroisopropylamine	1127
Hexafluoroacetone sesquihydrate, 98%	0473	1,1,1,3,3,3-Hexafluoroisopropyl methacrylate, 99%	0471
Hexafluoroacetone trihydrate, 98%	0474	Hexafluoro-2-methylisopropanol	0490
1,1,1,5,5,5-Hexafluoroacetylacetone, 99%	0475	Hexafluoro-2-methylisopropyl acrylate	1730
Hexafluorobenzene, 99%	0476	3,3,4,5,5,5-Hexafluoro-2-methylpentan-2-ol	1448
Hexafluorobenzene, 99,9%	0495	Hexafluoro-2-(4-methylphenyl)propan-2-ol	0503
Hexafluoro-2,3-bis(trifluoromethyl)butane-2,3-diol, 96%	0774	3,3,4,5,5,5-Hexafluoropentan-2-ol	0491
2,3,4,5,5,5-Hexafluoro-2,4-bis(trifluoromethyl)pentan-1-ol	0778	3,3,4,5,5,5-Hexafluoropentan-2-one	0492
2,2,3,4,4,4-Hexafluorobutan-1-ol	0478	Hexafluoro-2-phenylpropan-2-ol	0493
2,2,3,3,4,4-Hexafluorobutan-1-ol	1862	Hexafluoropropene	0496
1,1,1,4,4,4-Hexafluorobutan-2-one	1727	Hexafluoropropene oxide	0497
Hexafluorobut-1,3-diene	0477	Hexafluoropropene trimer (mixture of isomers), 97% min	0498

4-(1,1,2,3,3,3-Hexafluoropropoxy)acetophenone	1367	4-(2-Hydroxyhexafluoroisopropyl)phenol	1126
2-(1,1,2,3,3,3-Hexafluoropropoxy)aniline	1732	2-(2-Hydroxyhexafluoroisopropyl)phenol	1729
4-(1,1,2,3,3,3-Hexafluoropropoxy)benzaldehyde	1365	3-Hydroxy-3-methyl-4,4,4-trifluorobutyric acid	0516
(1,1,2,3,3,3-Hexafluoropropoxy)benzene	0499	4-Hydroxynonafluorobiphenyl	1199
(1,1,2,3,3,3-Hexafluoropropoxy)pentafluorobenzene	0500	4-Hydroxy-2,3,5,6-tetrafluorobenzoic acid	0962
2-(1,1,2,3,3,3-Hexafluoropropoxy)phenol	1453	4-Hydroxy-2,3,5,6-tetrafluorostyrene	1831
3-(1,1,2,3,3,3-Hexafluoropropoxy)-1,2-propenoxide	1612	3-Hydroxy-4,4,4-trifluorobutyramide	0519
1,1,2,3,3,3-Hexafluoropropyl difluoromethyl ether	1875	2-Hydroxy-4,4,4-trifluorobutyronitrile	1504
1,1,2,3,3,3-Hexafluoropropyl methyl ether, 98%	0501	2-Hydroxy-2-(trifluoromethyl)butyric acid	1284
1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1128	2-Hydroxy-2-(trifluoromethyl)butyronitrile	1204
2-(1,1,2,3,3,3-Hexafluoropropyl)tetrahydrofuran	0502	3-Hydroxy-2-(trifluoromethyl)propionic acid, 92%	0517
2,3,3,4,4,4-Hexafluoro-2-(trifluoromethyl)butyloxirane	0504	2-Hydroxy-2-(trifluoromethyl)propionic acid	1131
4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexanoic acid	0505	2-Hydroxy-2-(trifluoromethyl)propionitrile	1039
4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexan-1-ol, 95%	0506	2-Hydroxy-2-(trifluoromethyl)-3,3,3-trifluoropropionitrile	1734
4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-ene	0508	2-Hydroxy-3,5,6-trifluoropyridine	1735
4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-enoic acid	0509	2-Hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionic acid	0518
4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-en-1-ol	0510	1-Iodo-1-(heptafluoropropoxy)-1,1,1,2-tetrafluoroethane	0554
4,5,5,6,6,6-Hexafluoro-4-trifluoromethyl-2-iodohex-2-en-1-ol	0483	4-Iodobenzenesulfonyl chloride	1469
1,1,1,2,2,3-Hexafluoro-3-(trifluoromethyl)non-4-ene	0511	4-Iodobenzenesulfonyl fluoride	1470
3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl)pent-1-ene	0512	(4-Iodobutyl)perfluorocyclohexane	0520
Hexafluoro-4-(trifluoromethyl)pent-2-enoic acid	0829	Iododifluoroacetic acid	1883
Hexafluoro-4-(trifluoromethyl)pent-2-enoyl chloride	0830	Iododifluoroacetyl fluoride	0331
Hexafluoro-4-(trifluoromethyl)pent-2-enoyl fluoride	0831	2-Iodo-1,1-difluoroethane	1736
3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl)pent-1-yne	0513	(2-Iodoethyl)perfluorocyclohexane	0521
4,4,4,4',4',4'-Hexafluoro-DL-valine	0810	4-Iodo-1,1,1,2,2,3,3-heptafluorobutane	0445
Hexafluoro-2-(4-vinylphenyl)propan-2-ol	1733	1-Iodoheptafluorobut-1-ene	0533
N-(2-Hydroxyethyl)perfluoro(2,5-dimethyl-3,6-dioxanone)amide	0515	3-Iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol	1436
4-(3-Hydroxy-1,1,2,4,4,4-hexafluorobutoxy)-3-chloroaniline	1969	1,1,1,2,2,3,3-Heptafluoro-5-iodononane	0449

# Alphabetical listing of fluorine compounds

1,1,1,2,2,3,3-Heptafluoro-5-iodopentane, 94%	0450	1-Iodo-1H,1H,2H,2H-perfluorodecane	0535
4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorobutane	0465	6-Iodo-5H,5H,6H-perfluorodecane	0536
4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorooctane	0467	2-Iodo-1H,1H,1H,2H,3H,3H-perfluorodecane (tech), 85%	1487
4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluoropentane	0468	1-Iodo-1H,1H,7H-perfluoroheptane, 85%	0537
2-Iodo-1,1,1,3,3,3-hexafluoropropane	1180	1-Iodo-1H,1H-perfluoroheptane	1146
5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)heptane	1737	1-Iodoperfluoroheptane (tech.) 80%	1742
5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)hexane	0482	1-Iodoperfluorohexane	0539
5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)nonane	0484	1-Iodo-6H-perfluorohexane	0540
5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)pentane	0485	1-Iodo-4-(perfluorohexyl)butane	1333
1-Iodononafluorobutane	0530	2-Iodo-1-(perfluorohexyl)hexane	0571
2-Iodononafluorobutane	0531	2-Iodoperfluoro(2-methylpentane)	0545
6-Iodo-1,1,1,2,2,3,3,4,4-nonafluorohexane	0538	2-Iodo-1H,1H,2H,3H,3H-perfluorononan-1-ol	0546
1-Iodononafluoro(3-methylbut-1-ene)	0542	2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol	0547
8-Iodo-1,1,1,2,2,3,3,4,4-nonafluorooctane	0522	1-Iodoperfluorooctane	0548
3-Iodo-5,5,6,6,7,7,8,8,8-nonafluorooctan-1-ol	1437	1-Iodo-1H,1H,2H,2H-perfluorooctane	0549
1-Iodo-1H,1H-nonafluoropentane	1643	1-Iodo-8H-perfluorooctane	1150
1-Iodo-1H,1H,5H-octafluoropentane	0551	1-Iodo-4-(perfluorooctyl)butane	1334
Iodopentafluoroacetone	0523	2-Iodo-1H,1H,2H,3H,3H-perfluoroundecan-1-ol	0552
Iodopentafluorobenzene	0524	1-Iodo-2,3,5,6-tetrafluorobenzene	1786
4-Iodo-1,1,1,2,2-pentafluorobutane	0525	1-Iodo-1,2,2,2-tetrafluoroethane	0553
Iodopentafluoroethane, 98%min	0527	1-Iodo-1,1,2,2-tetrafluoroethane, 98%	1956
6-Iodo-1,1,1,2,2-pentafluorohexane	0528	1-Iodo-4-(1,1,2,2-tetrafluoroethoxy)benzene	1267
3-Iodo-5,5,6,6,6-pentafluorohexan-1-ol	1520	1-Iodo-2,2,3,3-tetrafluoropropane	0557
4-Iodo-1,1,1,2,2-pentafluorooctane	1738	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)butane	0558
4-Iodo-1,1,2,2,2-pentafluoropentane	1739	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)octane	0560
2-Iodo-4,4,5,5,5-pentafluoropentan-1-ol, 94%	1740	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)pentane	0561
3-Iodo-1,1,1,2,2-pentafluoropropane	0529	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)butane	0564
Iodoperfluorocyclohexane, 85%	0534	4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	0566

6-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane	1147	1-(4-Methoxyphenyl)-4,4,4-trifluorobutane-1,3-dione	0586
4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)nonane	1745	1-(4-Methoxyphenyl)-2,2,2-trifluoroethanol, 90%	1904
4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)octane	0567	5(3)-(4-Methoxyphenyl)-3(5)-(trifluoromethyl)pyrazole	1208
4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)pentane	0568	4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride	0583
2-Iodo-4,5,5,5-tetrafluoro-4-(trifluoromethyl)pentan-1-ol	0569	4-Methoxy-2,3,5,6-tetrafluorobenzyl alcohol	1237
3-Iodo-1,1,1-trifluorobutane, 95%	0573	4-Methoxy-2,3,5,6-tetrafluorobenzyl bromide	0963
1-Iodo-4,4,4-trifluorobutane	1217	3-(Methoxy)tetrafluoropropionic acid, 90%	1884
2-Iodo-4,4,4-trifluorobut-2-en-1-ol	0574	4-Methoxy-2,3,5,6-tetrafluorostyrene	1747
2-Iodo-1,1,1-trifluoroethane	0575	4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride	1344
Iodotrifluoroethylene	0576	4'-Methoxy-2,2,2-trifluoroacetophenone	1379
3-Iodo-1,1,1-trifluoroheptane	0577	1-Methoxy-3,3,3-trifluoropropene	1160
Iodotrifluoromethane	1083	Methoxytris(pentafluorophenyl)silane	0588
1-Iodo-1-(trifluoromethoxy)tetrafluoroethane	0555	Methyl 4-aminotetrafluorobenzoate	0589
2-Iodo-1-(trifluoromethoxy)tetrafluoroethane	0556	Methyl 3-amino-4,4,4-trifluorobutyrate	1832
5-Iodo-1,1,1-trifluoropentane	0578	Methyl bromodifluoroacetate	0590
3-Iodo-5,5,5-trifluoropentan-1-ol	1435	Methyl 2-bromotetrafluoropropionate	0591
1-Iodo-3,3,3-trifluoropropane	0579	Methyl chlorodifluoroacetate	1413
2-Iodo-3,3,3-trifluoropropene	1510	Methyl 5-chlorooctafluoropentanoate	0594
2-Iodo-3,3,3-trifluoropropyl chlorosulfate	1464	Methyl 7-chloroperfluoroheptanoate	0592
4-Iodo-1,1,1-trifluoro-2-(trifluoromethyl)butane	1186	Methyl 9-chloroperfluorononanoate	0593
2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane	0572	Methyl 3-chlorotetrafluoropropionate	0595
Isopropoxypentafluorobenzene	1167	Methyl 2-chlorotetrafluoropropionate	1402
4-Isopropoxy-2,3,5,6-tetrafluorobenzotrifluoride	0976	Methyl 2-chloro-1,1,2-trifluoroethyl ether	0265
4-Isopropoxy-2,3,5,6-tetrafluorostyrene	1746	Methyl dichlorodifluoroacetate	1833
Isopropyl 2-hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionate	0850	Methyl 2,3-dichlorotrifluoropropionate	1159
Isopropyl trifluoroacetate, 99%	0580	Methyl difluoroacetate, 98%	0596
Isopropyl 4,4,4-trifluoroacetoacetate	0581	Methyl 1H,1H-heptafluorobutyl ether	1592
N-Methoxy-N-methyltrifluoroacetamide	0584	Methyl heptafluorobutyrate, 98%	0598

*Alphabetical listing of fluorine compounds*

**M**

Methyl heptafluoroisobutyrate	0599	Methyl perfluorononanoate, 99%	0613
Methyl heptafluoropropyl ether	1558	Methyl 2H,2H,3H,3H-perfluorononanoate	1411
Methyl heptafluoropropyl ketone	0461	Methyl 9H-perfluorononanoate, 89%	1886
Methyl 2,2,3,4,4,4-hexafluorobutyrate	1384	Methyl perfluorooctanoate, 92%	1406
Methyl 2,2,3,3,4,4-hexafluorobutyrate	1864	Methyl 5H-octafluoropentanoate	0615
Methyl 1,1,1,3,3,3-hexafluoroisopropyl ether	1566	Methyl perfluoropentanoate, 99%	1157
Methyl 2-methoxytetrafluoropropionate	0600	Methyl perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoate)	1749
Methyl 3-methoxytetrafluoropropionate	1854	Methyl perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoate)	1750
Methyl nonafluorobutyl ether	1559	Methyl 1,1,2,2-tetrafluoroethyl ether	0616
Methyl nonafluorobutyl ketone	0604	Methyl 2,3,3,3-tetrafluoropropionate	0617
Methyl 1H,1H-nonafluoropentyl ether	1593	Methyl 2,2,3,3-tetrafluoropropionate	1256
Methyl 3-(2,2,3,3,4,4,5,5-octafluoropentoxy)propionate	1154	Methyl 2,2,3,3-tetrafluoropropyl ether	0618
Methylpentafluorobenzene	0736	Methyl trifluoroacetate, 99%	0619
Methyl pentafluorobenzoate	0601	Methyl 4,4,4-trifluoroacetoacetate	0620
Methyl pentafluoroethyl ketone	1166	Methyl trifluoroacrylate	0621
Methyl pentafluoropropionate, 99%	0603	Methyl 4,4,4-trifluorobutyrate	1834
Methyl pentafluoropropionylacetate	0602	Methyl 4,4,4-trifluorocrotonate	0622
Methyl 2,2,3,3,3-pentafluoropropyl ether	1560	Methyl 3,3,3-trifluoro-DL-lactate	1748
Methyl 2H,2H,7H-perfluoro-3-oxoheptanoate	0614	Methyl 2-(trifluoromethyl)acrylate	1429
Methyl perfluorocyclohexyl ketone, 95%	0605	Methyl 3,3,3-trifluoropropionate	1268
Methyl perfluoro(2,5-dimethyl-3,6-dioxanonanoate)	0606	Methyl trifluoropyruvate, 98%	0623
Methyl perfluoro(1,4-dimethyl-2,5-dioxaoctyl) ketone, 92%	1940	Methyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate	1962
Methyl 7H-perfluoroheptanoate	0607	Methyl 3,3,3-trifluoro-2-(trifluoromethyl)propionate	0624
Methyl perfluoroheptanoate, 99%	0608	Methyl trimethylsilyldifluoroacetate	1219
Methyl perfluorohexyl ether	1588	3-Methylbenzotrifluoride	1495
Methyl 1H,1H-perfluorohexyl ether	1594	4-Methylbenzotrifluoride	1496
Methyl perfluorohexyl ketone	0610	N-Methyl-bis(trifluoroacetamide)	1398
Methyl perfluoro(2-methyl-3-oxahexanoate)	0612	Methyl 8-bromoperfluoro(2,5-dimethyl-3,6-dioxaoctanoate)	1965

Methyl 3-bromo-2,4,5,6-tetrafluorobenzoate	1354	3-Nitro-1,1,1-trifluoropropan-2-ol	0669
Methyl 4-bromo-2,3,5,6-tetrafluorobenzoate	1355	(Nonafluorobutyl)trifluorooxirane	1626
5(3)-Methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0625	3(5)-Nonafluorobutyl-5(3)-phenylpyrazole	0746
5(3)-Methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole	0627	1-(Nonafluorobutyl)trifluoroethanesultone	1629
5(3)-Methyl-3(5)-(nonafluorobutyl)pyrazole	0629	3(5)-Nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0748
5(3)-Methyl-3(5)-(perfluorohexyl)pyrazole	0630	4,4,5,5,6,6,7,7,7-Nonafluoroheptane-1,2-diol	0650
5(3)-Methyl-3(5)-(perfluorooctyl)pyrazole	0631	4,4,5,5,6,6,7,7,7-Nonafluoroheptan-1-ol	1216
5(3)-Methyl-3(5)-(perfluoropentyl)pyrazole	0633	4,4,5,5,6,6,7,7,7-Nonafluorohept-2-en-1-ol	0651
5(3)-Methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole	0634	3,3,4,4,5,5,6,6,6-Nonafluorohexan-1-ol	0652
1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione	1550	1H,1H,2H,2H-Nonafluorohexyl acrylate	1946
4-Methyl-2,3,5,6-tetrafluoroanisole	0637	1H,1H,2H,2H-Nonafluorohexyl methacrylate	1427
Methyl 2,3,4,6-tetrafluorobenzoate	1352	5,5,6,6,7,7,8,8,8-Nonafluorooctane-2,4-dione	0653
4-Methyl-2,3,5,6-tetrafluorobenzotrifluoride, 98%	0638	5,5,6,6,7,7,8,8,8-Nonafluorooctan-1-ol	0654
4-Methyl-2,3,5,6-tetrafluorobenzyl alcohol	0639	Perfluoropentanal hydrate	0858
N-Methyltrifluoroacetamide	1396	Nonafluoropentanamide	1417
3'-Methyl-2,2,2-trifluoroacetophenone	1549	Nonafluoropentanenitrile	0860
2-Methyl-4,4,4-trifluorobutan-1-ol	1255	Nonafluoropentanoic acid, 98%	0862
2-Methyl-4,4,4-trifluorobutyric acid	1158	Nonafluoropentanoic anhydride, 99%	0863
3-Methyl-4,4,4-trifluorobutyric acid	1653	1H,1H-Nonafluoropentan-1-ol	0865
2-Methyl-4,4,4-trifluorobutyryl chloride	1637	Nonafluoropentanoyl bromide	0867
6-Methyl-1,1,1-trifluoroheptane-2,4-dione	1807	Nonafluoropentanoyl chloride, 98%	0869
5-Methyl-1,1,1-trifluorohexane-2,4-dione	1241	Nonafluoropentanoyl fluoride	1428
5(3)-Methyl-3(5)-(trifluoromethyl)pyrazole	0641	N-(Nonafluoropentanoyl)imidazole	0873
4-Methyltetrafluorobenzoic acid, 98%	0642	2,2,3,3,4,4,5,5,5-Nonafluoropentyl difluoromethyl ether	1967
Molybdenum(VI) dioxide bis(acetylacetonate)	0662	1H,1H-Nonafluoropentylamine	0877
Molybdenum(VI) dioxide bis(1,1,1,5,5,5-hexafluoroacetylacetonate)	1515	Nonafluoro-tert-butyl trifluoroacetate	1252
Molybdenum(VI) dioxide bis(1,1,1-trifluoroacetylacetonate)	1516	Octafluoroadipic acid	0655
2-Naphthyl trifluoromethanesulfonate	1981	Octafluoroadipamide	0656

*Alphabetical listing of fluorine compounds*

**O P**

Octafluoroadipodinitrile	0657	1H,1H,5H-Octafluoropentyl p-toluenesulfonate	1472
Octafluoroadipoyl dichloride	1420	1H,1H,5H-Octafluoropentyl trifluoromethanesulfonate	1462
Octafluoroadipoyl difluoride	0658	Octafluorotoluene	0670
4H,4'H-Octafluorobiphenyl	0659	Octafluoro-2-(trifluoromethyl)butan-2-ol	1752
1H,4H-Octafluorobutane	0660	Pentachloro-1,1,1-trifluoropropane (CFC-213ab)	1753
Octafluorobutan-2-one	1490	Pentachloro-1,1,2-trifluoropropane	1754
Octafluorobut-2-ene	0661	2',3',4',5',6'-Pentafluoroacetophenone	0671
Octafluorobut-1-ene (mixture of isomers 10-20% Octafluorobut-2-ene)	1163	Pentafluoroallyl fluorosulfate	1835
(4H-Octafluorobutyl)trifluorooxirane	1618	2,3,4,5,6-Pentafluoroaniline	0672
Octafluoro-2-(fluorosulfonyl)pentanoyl fluoride	1610	2,3,4,5,6-Pentafluoroanisole	0673
2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl diacrylate	1165	Pentafluorobenzaldehyde	0674
2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl dimethacrylate	1253	Pentafluorobenzamide	0675
2,2,3,3,4,4,5,5-Octafluorohexane-1,6-diol	0663	Pentafluorobenzene, 98%	0676
3H,3H-Octafluorohexane-2,4-dione	0801	Pentafluorobenzenesulfonamide, 96%	1978
1-Iodo-4H-octafluorobutane	0532	Pentafluorobenzenesulfonyl chloride	0677
Octafluoronaphthalene	0664	2,3,4,5,6-Pentafluorobenzhydrol	0678
5H-Octafluoropentanal	0857	Pentafluorobenzoic acid	0679
5H-Octafluoropentanal hydrate	0859	Pentafluorobenzonitrile	0680
2,2,3,3,4,4,5,5-Octafluoropentanenitrile	1985	2,3,4,5,6-Pentafluorobenzophenone	0681
5H-Octafluoropentanoic acid, 98%	0861	Pentafluorobenzotrichloride	0682
1H,1H,5H-Octafluoropentan-1-ol, 99%	0864	Pentafluorobenzoyl chloride	0683
5H-Octafluoropentanoyl bromide	0866	2,3,4,5,6-Pentafluorobenzyl acrylate	0684
5H-Octafluoropentanoyl chloride	0868	2,3,4,5,6-Pentafluorobenzyl alcohol	0685
5H-Octafluoropentanoyl fluoride	0870	2,3,4,5,6-Pentafluorobenzyl bromide, 99%	0686
3-(1H,1H,5H-Octafluoropentoxy)-1,2-propenoxide	0875	2,3,4,5,6-Pentafluorobenzyl chloride, 98%	0687
1H,1H,5H-Octafluoropentyl acrylate, 99%+	0665	2,3,4,5,6-Pentafluorobenzyl methacrylate	0688
1H,1H,5H-Octafluoropentyl methacrylate	0666	2,3,4,5,6-Pentafluorobenzyl propionate	1392
1H,1H,5H-Octafluoropentyl 1,1,2,2-tetrafluoroethyl ether	0667	2,3,4,5,6-Pentafluorobenzyl p-toluenesulfonate	1901



(2,3,4,5,6-Pentafluorobenzyl)oxirane	1625	Pentafluorophenylacetonitrile	0705
O-(2,3,4,5,6-Pentafluorobenzyl)hydroxylamine hydrochloride	1341	1-(Pentafluorophenyl)ethanol	0707
2,3,4,5,6-Pentafluorobiphenyl	0689	2-(Pentafluorophenyl)ethanol	0708
3,3,4,4,4-Pentafluorobutan-1-ol	0690	Pentafluorophenylhydrazine	0709
3,3,4,4,4-Pentafluorobutan-2-ol	0691	2,2,3,3,3-Pentafluoro-1-phenylpropan-1-ol	1445
3,3,4,4,4-Pentafluorobut-1-ene	0692	2-(Pentafluorophenyl)propan-2-ol	1449
3,3,4,4,4-Pentafluorobut-1-yne	1755	3-(Pentafluorophenyl)propionic acid	0710
Pentafluoroethane	0695	3-(Pentafluorophenyl)propionyl chloride	1758
Pentafluoroethyl phenyl ketone	0727	Trimethyl(pentafluorophenyl)silane, 98%	0713
2-Pentafluoroethyl-4,5-dichloro-2,4,5-trifluoro-1,3-dioxolane, 94%	1898	Pentafluoropropanal hydrate	0721
2-Pentafluoroethyl-1,3-dioxolane	1915	Pentafluoropropionamide	0714
7,7,8,8,8-Pentafluorooctan-1-ol	1433	Pentafluoropropanamidine	1316
1,1,1,2,3-Pentafluorohexa-2,5-diene	1756	2,2,3,3,3-Pentafluoropropan-1-ol, 98%	0717
5,5,6,6,6-Pentafluorohexane-2,4-dione	0696	1,1,1,3,3-Pentafluoropropan-2-ol	1955
5,5,6,6,6-Pentafluorohexanoic acid	1410	1,1,3,3,3-Pentafluoropropene	0718
5,5,6,6,6-Pentafluorohexan-1-ol	0697	2-(Pentafluoroprop-1-enyl)tetrahydrofuran	0720
Pentafluoronitrobenzene	0698	Pentafluoropropionaldehyde ethyl hemiacetal (tech.)	1910
3,3,4,4,4-Pentafluoropentanenitrile	1484	Pentafluoropropionaldehyde methyl hemiacetal	0722
4,4,5,5,5-Pentafluoropentanoic acid	1168	Pentafluoropropionic acid, 98%	0723
4,4,5,5,5-Pentafluoropentan-1-ol, 94%	0699	Pentafluoropropionic anhydride, 99%	0716
4,4,5,5,5-Pentafluoropent-2-en-1-ol, 94%	1851	Pentafluoropropionitrile	0715
Pentafluorophenol, 99%	0700	Pentafluoropropionyl bromide	0724
(Pentafluorophenoxy)acetic acid	0701	Pentafluoropropionyl chloride	0725
Pentafluorophenyl acrylate	1656	N-(Pentafluoropropionyl)imidazole	0726
Pentafluorophenyl methacrylate	1302	3-(2,2,3,3,3-Pentafluoropropoxy)-1,2-propenoxide	1759
Pentafluorophenyl trifluoroacetate, 98%+	1265	2,2,3,3,3-Pentafluoropropyl acrylate	0728
Pentafluorophenyl trifluoromethanesulfonate	1757	2,2,3,3,3-Pentafluoropropyl methacrylate	0731
Pentafluorophenylacetic acid	0704	2,2,3,3,3-Pentafluoropropyl 1,1,2,2-tetrafluoroethyl ether	1562

*Alphabetical listing of fluorine compounds*

<b>P</b>			
2,2,3,3,3-Pentafluoropropyl trifluoromethanesulfonate	1760	1H,1H,2H-Perfluorodec-1-ene	0769
2,2,3,3,3-Pentafluoropropylamine	0732	1H,1H,2H,2H-Perfluorodecyl acrylate	0771
2,2,3,3,3-Pentafluoropropylamine hydrochloride	1528	1H,1H,2H,2H-Perfluorodecyl methacrylate	0772
Pentafluoropyridine	1581	1H,1H,2H,2H-Perfluorodecylamine	0773
2,3,4,5,6-Pentafluorostyrene	0733	1H,1H,2H,2H-Perfluorodecyltriethoxysilane	1900
Pentafluorothiophenol	0735	Perfluoro(1,3-diethylcyclohexane)	1762
2,4,4,5,5-Pentafluoro-2-trifluoromethyl-3-oxathiolane-1,1-dioxide	1958	Perfluoro(diethylmethylamine)	1891
Perfluoroacetophenone	0737	Perfluoro(2,3-dimethylbutan-2-ol), 96%	1927
Perfluoro[C8-14]alkyloctadecane, 82%	1974	Perfluoro(1,3-dimethylcyclohexane), (tech.)	0775
Perfluoro[C8-C12]alkyloctane, 82%	1892	Perfluoro(2,5-dimethyl-3,6-dioxananoic)acid	1171
Perfluoro(allylbenzene)	0738	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanonan-1-ol)	1172
Perfluorobutanesulfonyl fluoride, 93%	1761	Perfluoro(2,5-dimethyl-3,6-dioxananoyl) fluoride	0776
Perfluoro(butylcyclohexane)	1972	1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxananoyl) acrylate	1227
Perfluorocyclohexanecarbonitrile	0042	Perfluoro(2,2-dimethyl-1,3-dioxole)	0777
Perfluorocyclohexanecarbonyl bromide, 96%	0757	2H-Perfluoro(5,8-dimethyl-3,6,9-trioxadodecane)	1763
Perfluorocyclohexanecarbonyl chloride, 95%	0758	1H,1H,2'H-Perfluorodipropyl ether	1564
Perfluorocyclohexanecarbonyl fluoride (tech.) 85%	0756	Perfluorododecane	1477
Perfluorocyclohexanecarboxylic acid, 95%	0759	1H,1H,1H,3H,3H-Perfluorododecane-2,4-dione	0414
4-(Perfluorocyclohexyl)butan-1-ol, 95%	0761	Perfluoro(2-ethoxyethane)sulfonic acid	0779
(Perfluorocyclohexyl)methanol, 95%	0762	Perfluoro(2-ethyl-1,3-dioxole)	1836
cis/trans-Perfluorodecalin, 99%	0763	7H-Perfluoroheptanal	0781
cis-Perfluorodecalin	0764	7H-Perfluoroheptanal hydrate	0782
trans-Perfluorodecalin, 99%+	0765	Perfluoroheptanal hydrate	1215
2H,2H-Perfluorodecanal	1304	Perfluoroheptanamide	1026
1H,10H-Perfluorodecane	0766	Perfluoroheptanamide	1571
1H,1H,1H,2H,2H-Perfluorodecane, 99%	1640	Perfluoroheptane	1764
3H,3H-Perfluorodecane-2,4-dione	0767	Perfluoroheptanenitrile	0784
1H,1H,2H,2H-Perfluorodecan-1-ol	0768	Perfluoroheptanoic anhydride, 98%	0785

7H-Perfluoroheptanoic acid, 98%	0786	Perfluorohex-1-ene, 90%	1517
Perfluoroheptanoic acid, 98%	0787	6H-Perfluorohex-1-ene	1606
1H,1H-Perfluoroheptan-1-ol, 98%	0788	1H-Perfluorohex-1-ene	1616
1H,1H,7H-Perfluoroheptan-1-ol, 98%	0789	(6H-Perfluorohexyl)trifluorooxirane	1619
7H-Perfluoroheptanoyl bromide	0790	1-(Perfluorohexyl)decane	1479
Perfluoroheptanoyl bromide	0791	1-(Perfluorohexyl)dec-1-ene	1027
7H-Perfluoroheptanoyl chloride, 95% min	0792	1-(Perfluorohexyl)dodecane	1480
Perfluoroheptanoyl chloride	0793	1-(Perfluorohexyl)hex-1-ene	1025
7H-Perfluoroheptanoyl fluoride	0794	1-(Perfluorohexyl)octadecane (tech.) 84%	1767
Perfluoroheptanoyl fluoride	0795	1-(Perfluorohexyl)octane	1768
(Perfluoroheptanoyl)acetone	1024	1-(Perfluorohexyl)oct-1-ene	1030
1H,1H,7H-Perfluoroheptyl acrylate	0359	3(5)-Perfluorohexyl-5(3)-phenylpyrazole	0806
1H,1H-Perfluoroheptyl acrylate	1295	3-(Perfluorohexyl)propan-1-ol	1028
1H,1H-Perfluoroheptyl methacrylate	1298	1-(Perfluorohexyl)tetradecane, 80%	1481
1H,1H,7H-Perfluoroheptyl methacrylate	1426	1-(Perfluorohexyl)trifluoroethanesultone	1630
1H,1H-Perfluoroheptylamine	0796	3(5)-Perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0809
(1H,1H-Perfluoroheptyl)oxirane	0797	(Perfluorohexyl)trifluorooxirane	1627
3-(1H,1H,7H-Perfluoroheptyloxy)-1,2-propenoxide	1603	Perfluoro(isopropyl vinyl)ether	1916
Perfluorohexadecane	1156	Perfluoro(methylcyclohexane), 95% min	0814
Perfluoro-2,5,8,11,14,17-hexamethyl-3,6,9,12,15,18-hexaoxaheneicosanoyl fluoride, 94%	1889	Perfluoro-N-(4-methylcyclohexyl)piperidine	0815
Perfluorohexanamidine	1442	Perfluoro(methyldecalin) (mixture of isomers), 94%	0816
1H,6H-Perfluorohexane, 98%	0798	2H-Perfluoro(5-methyl-3,6-dioxanonane)	1188
1H-Perfluorohexane, 98%	0799	Perfluoro(5-methyl-3,6-dioxanon-1-ene)	1769
Perfluorohexane, 99%	0800	Perfluoro(4-methyl-3,6-dioxaoctane)sulfonic acid	1980
1H,1H,1H,2H,2H-Perfluorohexane, 99%	1144	Perfluoro(2-methyl-3-oxahexan)amide	0822
Perfluoro(2-methyl-3-oxahexanenitrile)	0823	Perfluoro(2-methyl-3-oxahexanoic) acid	0818
Perfluorohexanesulfonyl fluoride, 93%	1902	Perfluoro(2-methyl-3-oxahexanoyl) bromide	0819
1H,1H,2H-Perfluorohex-1-ene	0803	Perfluoro(2-methyl-3-oxahexanoyl) chloride	0820

*Alphabetical listing of fluorine compounds*

**P**

Perfluoro(2-methyl-3-oxahexanoyl) fluoride	0821	Perfluorooctanamide	1535
Perfluoro(2-methylpentan-3-one)	0824	1H,8H-Perfluorooctane	0847
Perfluoro(2-methylpent-2-ene), 98%	0827	1H-Perfluorooctane, 96%	1175
Perfluoro(4-methylpent-2-ene), 99%	0828	1H,1H,1H,2H,2H-Perfluorooctane	1639
1H,1H,2H,3H,3H-Perfluorononane-1,2-diol	0832	1H,1H,8H,8H-Perfluorooctane-1,8-diol	1952
5H,5H-Perfluorononane-4,6-dione	0833	3H,3H-Perfluorooctane-2,4-dione	0851
Perfluorononanenitrile	1857	Perfluorooctanesulfonic acid, 90%	1839
2H,2H,3H,3H-Perfluorononanoic acid	0834	Perfluorooctanesulfonyl fluoride, 93%	0849
9H-Perfluorononanoic acid	0835	2H,2H,3H,3H-Perfluorooctanoic acid	0825
Perfluorononanoic acid	0836	Perfluorooctanoic acid	1286
1H,1H,9H-Perfluorononan-1-ol, 95% min	0837	1H,1H,2H,2H-Perfluorooctan-1-ol	0852
1H,1H-Perfluorononan-1-ol, 98%	0838	1H,1H-Perfluorooctan-1-ol, 96%	1438
1H,1H,1H,3H,3H-Perfluorononan-2-one	0609	Perfluorooctanoyl bromide, 95%	1650
Perfluorononanoyl bromide	0839	Perfluorooctanoyl chloride, 95%	1651
9H-Perfluorononanoyl bromide	1387	Perfluorooctanoyl fluoride, 95%	1652
Perfluorononanoyl chloride	0840	1H,1H,2H-Perfluorooct-1-ene	0853
9H-Perfluorononanoyl chloride	1388	Perfluorooct-1-ene	1511
Perfluorononanoyl fluoride	1649	8H-Perfluorooct-1-ene	1607
1H,1H,1H,2H,3H-Perfluoronon-2-ene	1029	1H-Perfluorooct-1-ene	1617
2H,3H-Perfluoronon-2-enoic acid	0841	1H,1H,2H,2H-Perfluorooctyl acrylate	1947
1H,1H,2H,3H-Perfluoronon-2-en-1-ol	0842	1H,1H,2H,2H-Perfluorooctyl methacrylate	1308
1H,1H,9H-Perfluorononyl acrylate, 94%	0843	1H,1H-Perfluorooctylamine (tech.) 85%	1529
1H,1H-Perfluorononyl acrylate	1838	(1H,1H-Perfluorooctyl)oxirane, 95%	1315
1H,1H,9H-Perfluorononyl methacrylate, 94%	1948	3(5)-Perfluorooctyl-5(3)-phenylpyrazole	0854
1H,1H-Perfluorononylamine	0844	1H,1H,2H,2H,3H,3H-Perfluoroundecan-1-ol	1439
(1H,1H-Perfluorononyl)oxirane	0845	1-(Perfluorooctyl)tetradecane	1482
3-(1H,1H,9H-Perfluorononyloxy)-1,2-propenoxide	1604	1H-Perfluorooct-1-yne	0855
2H,2H-Perfluorooctanal	0846	Perfluoro(3-oxapent-4-ene)sulfonyl fluoride	1830

8H,8H-Perfluoropentadecane-7,9-dione	0856	1-Phenyl-3,5-bis(trifluoromethyl)pyrazole	0897
Perfluoro-2,5,8,11,14-pentamethyl-3,6,9,12,15-pentaoxaoctadecanoyl fluoride, 96%	1888	1-Phenyl-4,4-difluorobutane-1,3-dione	0337
Perfluoropentanal	1912	1-Phenyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0636
(1H,1H-Perfluoropentyl)oxirane	0878	1-Phenyl-2H,2H-perfluoroheptane-1,3-dione	0898
Pentafluoropropionyl fluoride	0879	1-Phenyl-2H,2H-perfluorohexane-1,3-dione	0899
Perfluoro-tert-butanol, 98%	0740	1-Phenyl-2H,2H-perfluorononane-1,3-dione	0900
Perfluoro-tert-butyl iodide	0743	1-Phenyl-2H,2H-perfluoroundecane-1,3-dione	0901
Perfluorotetradecane	1638	Phenyltrichlorosilane, 99%	0902
5H,5H,6H,6H,7H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodecane)	1949	3-Phenyl-1,1,1-trifluoroacetone	1211
5H,5H,6H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodec-6-ene)	1893	2-Phenyl-2-(trifluoroacetyl)acetonitrile	1773
Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoic) acid	1840	1-Phenyl-4,4,4-trifluorobutane-1,3-dione	0051
1H,1H,-Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecan-1-ol)	1771	1-Phenyl-2,2,2-trifluoroethanol	0903
Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoyl) fluoride	0514	5(3)-Phenyl-3(5)-(trifluoromethyl)pyrazole	0904
1H,1H,13H-Perfluorotridecan-1-ol, 90%	0887	2-Phenyl-1,1,1-trifluoropropan-2-ol	1232
Perfluoro(triethyl)amine, 98%	1112	Potassium bis-nonafluoro-1-butanedisulfonimide,	1935
Perfluoro(1,1,2-trimethyl-3-oxahexan-1-ol)	1954	Potassium bromodifluoroacetate	1774
1H,1H-Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan-1-ol)	1772	Potassium difluoroacetate	1149
Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoyl) fluoride	1242	Potassium 5-fluorosulfonylperfluoro(2-methyl-3-oxapentanoate)	1982
1H,1H,2H,3H,3H-Perfluoroundecane-1,2-diol	0888	Potassium heptafluorobutyrate	1148
6H,6H-Perfluoroundecane-5,7-dione	0889	Potassium 2,2,3,4,4,4-hexafluorobutyrate	1855
11H-Perfluoroundecanoic acid, 94%	0890	Potassium nonafluoropentanoate	1152
1H,1H,11H-Perfluoroundecan-1-ol, 94%	0891	Potassium octafluoroadipate	1775
11H-Perfluoroundecanoyl chloride, 95%	0892	Potassium 5H-octafluoropentanoate	1957
1H,1H,2H,3H-Perfluoroundec-2-en-1-ol	1440	Potassium pentafluorobenzoate	1123
1H,1H,11H-Perfluoroundecyl acrylate, 92%	0893	Potassium (pentafluoroethyl)trifluoroborate	1776
1H,1H,11H-Perfluoroundecyl methacrylate, 92%	0894	Potassium pentafluoropropionate	1240
Phenyl trifluoroacetate, 98%	0896	Potassium perfluoro(2-ethoxyethane)sulfonate	0905
Phenyl trifluoromethanesulfonate	1841	Potassium perfluoroheptanoate	1151

*Alphabetical listing of fluorine compounds*

**P S T**

Potassium perfluoro(4-methyl-3,6-dioxaoctane)sulfonate (Chromoxane)	1259	1,1,5,5-Tetrafluoroacetylacetone	0964
Potassium perfluorononanoate, 98%	1777	2,3,5,6-Tetrafluoroaniline, 98%	0914
Potassium 2,3,4,5-tetrafluorobenzoate	1896	2,3,4,5-Tetrafluoroaniline	1339
Potassium tetrafluoroterephthalate	1895	2,3,4,6-Tetrafluoroaniline	1340
Potassium trifluoroacetate	0906	2,3,5,6-Tetrafluoroanisole	0915
Potassium (trifluoromethyl)trifluoroborate	1778	2,3,5,6-Tetrafluorobenzaldehyde	0916
Potassium 2,3,5,6-tetrafluorophenolate	1314	2,3,4,5-Tetrafluorobenzaldehyde	1280
Sodium bromodifluoroacetate	1415	2,3,4,5-Tetrafluorobenzamide	1346
Sodium 7-chloroperfluoroheptanoate	0907	1,2,3,4-Tetrafluorobenzene	0917
Sodium dichlorofluoroacetate	1842	1,2,3,5-Tetrafluorobenzene	0918
Sodium difluoroacetate	1161	1,2,4,5-Tetrafluorobenzene, 98%	0919
Sodium heptafluorobutyrate	0908	Tetrafluorobenzene-1,4-diol	0967
Sodium 2,2,3,4,4,4-hexafluorobutyrate	1386	Tetrafluorobenzene-1,3-diol	0981
Sodium nonafluoropentanoate	1164	5,6,7,8-Tetrafluorobenzo-1,4-dioxane	0920
Sodium 5H-octafluoropentanoate	1779	2,3,4,5-Tetrafluorobenzoic acid, 98%	0921
Sodium pentafluoropropionate	0909	2,3,5,6-Tetrafluorobenzoic acid	0922
Sodium pentafluorosulfonate	1968	2,3,4,6-Tetrafluorobenzoic acid	1351
Sodium perfluoro(2-ethoxyethane)sulfonate	0910	2,3,4,5-Tetrafluorobenzonitrile	1348
Sodium 7H-perfluoroheptanoate	0911	2,3,5,6-Tetrafluorobenzonitrile	1349
Sodium perfluoroheptanoate	1600	Tetrafluoro-1,4-benzoquinone	0923
Sodium perfluorohexanoate	1963	2,3,5,6-Tetrafluorobenzotrifluoride	0924
Sodium perfluorooctanoate	1780	2,3,4,6-Tetrafluorobenzotrifluoride	0925
Sodium trifluoroacetate	0912	2,3,4,5-Tetrafluorobenzotrifluoride	1783
1,2,3,4-Tetrachlorohexafluorobutane	0913	2,3,4,5-Tetrafluorobenzoyl chloride	0926
1,2,11,12-Tetrachloroperfluorododecane	1781	2,3,5,6-Tetrafluorobenzyl alcohol	0927
3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-yne	0989	2,3,4,5-Tetrafluorobenzyl alcohol	1450
2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzoyl fluoride	1498	2,3,5,6-Tetrafluorobenzyl bromide	0928
2',3',4',5'-Tetrafluoroacetophenone	1782	2,3,4,5-Tetrafluorobenzyl bromide	0929

2,3,5,6-Tetrafluorobenzyl chloride	0930	4-(1,1,2,2-Tetrafluoroethoxy)toluene	0949
2,3,4,5-Tetrafluorobenzyl chloride	1245	1,1,2,2-Tetrafluoroethyl 2,2,3,3-tetrafluoropropyl ether	0950
1,4-Bis(bromomethyl)tetrafluorobenzene	1342	1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether	1202
2,2,3,3-Tetrafluorobutane-1,4-diol	1784	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-ene	0951
3,3,4,4-Tetrafluorobutan-2-one	0931	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-yne	0952
5,6,7,8-Tetrafluorocoumarin	1785	3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)butyral	0953
3'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1381	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopent-2-en-1-ol	0470
4'-(1,1,2,2-Tetrafluoroethoxy)acetophenone	1382	4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopentan-1-ol	0469
2-(1,1,2,2-Tetrafluoroethoxy)aniline	0934	1,1,1,2-Tetrafluoro-2-(heptafluoropropoxy)oct-3-ene	0955
3-(1,1,2,2-Tetrafluoroethoxy)aniline	0935	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentanoic acid	0956
4-(1,1,2,2-Tetrafluoroethoxy)aniline	0936	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentan-1-ol, 95%	0957
2-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0937	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-ene	0958
3-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0938	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-enoic acid	0959
4-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde	0939	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-en-1-ol	0960
(1,1,2,2-Tetrafluoroethoxy)benzene	1364	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propyloxirane	0961
2-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0940	4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethoxy)pentan-1-ol	0562
3-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0941	2,3,4,5-Tetrafluoronitrobenzene	0649
4-(1,1,2,2-Tetrafluoroethoxy)benzoic acid	0942	2,3,4,6-Tetrafluoronitrobenzene	1185
4-(1,1,2,2-Tetrafluoroethoxy)biphenyl	1376	2,3,4,5-Tetrafluoro-6-nitrobenzoic acid	1347
2-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	0944	2,3,5,6-Tetrafluorophenol, 98%	0965
4-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1374	2,3,5,6-Tetrafluorophenyl acrylate	1657
3-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene	1375	2,3,5,6-Tetrafluorophenyl methacrylate	1301
2-(1,1,2,2-Tetrafluoroethoxy)-5-nitrotoluene	1296	2,3,5,6-Tetrafluorophenyl trifluoroacetate, 98%+	1787
3-(1,1,2,2-Tetrafluoroethoxy)phenol	0945	2,3,5,6-Tetrafluorophenylhydrazine	0966
4-(1,1,2,2-Tetrafluoroethoxy)phenol	0946	N-(2,3,5,6-Tetrafluorophenyl)maleimide	1570
3-(1,1,2,2-Tetrafluoroethoxy)-1,2-propenoxide	0943	Tetrafluorophthalic acid	1894
2-(1,1,2,2-Tetrafluoroethoxy)toluene	0947	2,2,3,3-Tetrafluoropropanal hydrate	0969
3-(1,1,2,2-Tetrafluoroethoxy)toluene	0948	2,3,3,3-Tetrafluoropropanal hydrate	1788

*Alphabetical listing of fluorine compounds*

**T**

2,2,3,3-Tetrafluoropropan-1-ol, 99%	0968	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-1-ol, 95%	0994
2,3,3,3-Tetrafluoropropene	1843	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-2-one	0995
2,3,3,3-Tetrafluoropropionamide	0970	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-ene	0996
2,3,3,3-Tetrafluoropropionic acid	0971	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-enoic acid	0997
2,2,3,3-Tetrafluoropropionic acid, 98%	0972	4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-en-1-ol	0998
2,3,3,3-Tetrafluoropropionitrile	0973	2,2,3,3-Tetrafluoro-3-(trifluoromethoxy)propionic anhydride	1844
2,2,3,3-Tetrafluoropropionyl bromide	0974	2,3,3,3-Tetrafluoro-2-(trifluoromethoxy)propyloxirane	0999
2,2,3,3-Tetrafluoropropionyl chloride	0975	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)aniline	0047
(2,2,3,3-Tetrafluoropropoxy)pentafluorobenzene	0734	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzoic acid	1513
3-(2,2,3,3-Tetrafluoropropoxy)-1,2-propenoxide	1273	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzonitrile	1249
2,2,3,3-Tetrafluoropropyl acetate	1283	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl alcohol	1190
2,2,3,3-Tetrafluoropropyl acrylate, 99%+	0977	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl bromide, 98%	0128
2,2,3,3-Tetrafluoropropyl methacrylate, 99%	0979	2,4,5,6-Tetrafluoro-3-(trifluoromethyl)benzyl chloride	1819
2,2,3,3-Tetrafluoropropyl p-toluenesulfonate	0980	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl chloride	0215
2,2,3,3-Tetrafluoropropyl trifluoromethanesulfonate	1461	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butanoic acid	1861
2,3,5,6-Tetrafluoropyridine	1263	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butan-1-ol	1000
Tetrafluorosuccinodinitrile	1791	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-ene	1001
2,3,5,6-Tetrafluoroterephthalaldehyde	1792	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-yne	1002
Tetrafluoroterephthalic acid	0985	4,5,5,5-Tetrafluoro-4-trifluoromethyl-2-iodopent-2-en-1-ol	0570
2,3,5,6-Tetrafluorothiophenol	0986	7,8,8,8-Tetrafluoro-7-(trifluoromethyl)octan-1-ol, 92%	1845
2,3,5,6-Tetrafluorotoluene	0987	1,1,1,2-Tetrafluoro-2-(trifluoromethyl)oct-3-ene	1003
2,3,4,5-Tetrafluorotoluene	1793	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentanoic acid	1004
3,3,4,4-Tetrafluorotricyclo-[4.2.1.02,5]non-7-ene	1794	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentan-1-ol, 95%	1005
3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)butan-1-ol	1228	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-ene	1007
3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-ene	0988	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-enoic acid	1008
4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)-2-iodopent-2-en-1-ol	0563	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-en-1-ol	1009
1,1,1,2-Tetrafluoro-2-(trifluoromethoxy)oct-3-ene	0992	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenol	0433
4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentanoic acid	0993	2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenylacetic acid	0885



2,3,3,3-Tetrafluoro-2-(trifluoromethyl)propyloxirane	0811	Trifluoroacetaldehyde ethyl hemiacetal (tech.), 90-92%	1032
Tetrafluoro-4-(trifluoromethyl)thiophenol	1130	Trifluoroacetaldehyde hydrate (tech.) 75%	1033
4,4,5-Tribromo-1,1,1,2,2,3,3-heptafluoropentane	1330	Trifluoroacetaldehyde methyl hemiacetal (tech.) 90-92%	1034
3,3,4-Tribromo-1,1,1,2,2-pentafluorobutane	1327	Trifluoroacetamide	1035
1,2,2-Tribromo-1H,1H-perfluorodecane	1332	Trifluoroacetamidine	1229
1,2,2-Tribromo-1H,1H-perfluorohexane	1011	2',4',6'-Trifluoroacetanilide	0991
1,2,2-Tribromo-1H,1H-perfluorooctane	1331	Trifluoroacetic acid, 99%	1036
1,2,4-Tribromo-3,3,4,4-tetrafluorobutane	1012	Trifluoroacetic anhydride, 99%	1037
2,2,3-Tribromo-1,1,1-trifluoropropane	1013	1,1,1-Trifluoroacetone, 99%	1038
3,4,5-Trichlorobenzotrifluoride, 98%	1977	1,1,1-Trifluoroacetone oxime	1475
2,2,2-Trichloroethyl acrylate	1014	Trifluoroacetonitrile	1040
2,2,2-Trichloroethyl methacrylate	1016	2,2,2-Trifluoroacetophenone	1041
1,1,1-Trichlorotrifluoroacetone	1017	Trifluoroacetyl bromide	1203
1,1,3-Trichloro-1,3,3-trifluoroacetone	1909	Trifluoroacetyl chloride, 98%	1042
1,3,5-Trichlorotrifluorobenzene	1018	Trifluoroacetyl fluoride	1043
1,2,4-Trichloro-1,1,2-trifluorobutane	1019	Trifluoroacetyl hydrazide	1266
2,3,4-Trichloro-3,4,4-trifluorobut-1-ene	1020	4-(Trifluoroacetyl)benzoic acid	1422
1,1,2-Trichlorotrifluoroethane	1022	1,1,1-Trifluoroacetylacetone, 99%	1090
1,1,2-Trichlorotrifluoroprop-1-ene	1023	4-Trifluoroacetylbenzoyl chloride	1847
1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-9-iodononane, 95%+	1934	1-Trifluoroacetyl-3,5-bis(heptafluoropropyl)pyrazole	0083
2,2,2-Trifluoethanesulfonyl chloride	1848	1-Trifluoroacetyl-3,5-bis(nonafluorobutyl)pyrazole	0071
Triethoxy[4,4-bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl]silane	1919	1-Trifluoroacetyl-3,5-bis(perfluorohexyl)pyrazole	0077
Triethoxy[5,5-bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluorooctyl]silane	1932	1-Trifluoroacetyl-3,5-bis(trifluoromethyl)pyrazole	1044
Triethoxy(pentafluorophenyl)silane	0711	1-Trifluoroacetyl-3(5)-heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole	0883
Triethoxy[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane	0886	N-(Trifluoroacetyl)imidazole	1045
Triethyl(trifluoromethyl)silane, 96%	1312	1-Trifluoroacetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole	0640
Trifluoroacetaldehyde diethyl acetal	1536	1-Trifluoroacetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole	0747
Trifluoroacetaldehyde dimethyl acetal	1031	1-Trifluoroacetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole	0808

*Alphabetical listing of fluorine compounds*

<b>T</b>			
4-(Trifluoroacetyl)toluene	1372	4,4,4-Trifluorobutyric acid	1059
3,3,3-Trifluoro-DL-alanine	1795	4,4,4-Trifluorobutyronitrile	1134
3,3,3-Trifluoro-DL-alanine hydrochloride	1796	4,4,4-Trifluorocrotonamide	1303
2,4,6-Trifluoroaniline	1046	4,4,4-Trifluorocrotonic acid	1060
2,4,6-Trifluorobenzaldehyde	1047	4,4,4-Trifluorocrotononitrile	1207
1,3,5-Trifluorobenzene	1048	4,4,4-Trifluorocrotonoyl chloride	1431
2,4,6-Trifluorobenzoic acid	1049	1,1,2-Trifluorodec-1-ene	1061
2,4,6-Trifluorobenzonitrile	1021	1,1,1-Trifluoro-5,5-dimethylhexane-2,4-dione	0355
2,4,6-Trifluorobenzotrifluoride	1050	2,2,2-Trifluoroethanol, 99%	1067
2,4,6-Trifluorobenzoyl chloride	1051	Trifluoroethenesulfonyl fluoride, 92%	1068
2,4,6-Trifluorobenzyl bromide	1798	(2,2,2-Trifluoroethoxy)pentafluorobenzene	1069
2,4,6-Trifluorobenzyl methacrylate	1917	2,2,2-Trifluoroethyl acetate	1070
1,1,1-Trifluorobutane	1478	2,2,2-Trifluoroethyl acrylate	1071
4,4,4-Trifluorobutan-1-ol	1052	2,2,2-Trifluoroethyl formate	1538
1,1,1-Trifluorobutan-2-ol	1799	2,2,2-Trifluoroethyl methacrylate	1073
4,4,4-Trifluorobutan-2-ol	1800	2,2,2-Trifluoroethyl phenyl ketone	1548
1,1,1-Trifluorobutan-2-one	1053	2,2,2-Trifluoroethyl p-toluenesulfonate	1074
4,4,4-Trifluorobutan-2-one	1054	2,2,2-Trifluoroethyl trifluoroacetate, 99%	1075
1,1,1-Trifluorobut-2-ene	1055	2,2,2-Trifluoroethyl trifluoromethanesulfonate	1459
1,1,2-Trifluorobut-1-ene	1056	2,2,2-Trifluoroethylamine	1523
4,4,4-Trifluorobut-2-en-1-ol	1057	2,2,2-Trifluoroethylamine hydrochloride	1524
1,1,2-Trifluorobut-1-en-4-ol	1801	(2,2,2-Trifluoroethyl)oxirane, 98%	1076
(3,4,4-Trifluorobut-3-enyloxy)benzene	1058	1,1,1-Trifluorohept-2-ene	1077
4,4,4-Trifluorobutyl 4,4,4-trifluorobutyrate	1803	1,1,1-Trifluorohexane-2,4-dione	1244
4,4,4-Trifluorobutyl hexanoate	1802	(1Z)-2,2,2-Trifluoro-N'-hydroxyethanimidamide	1846
4,4,4-Trifluorobutylamine	1195	4,4,4-Trifluoro-3-(trifluoromethyl)butyric acid	1078
4,4,4-Trifluorobutylamine hydrochloride	1804	3,3,3-Trifluoro-DL-lactic acid	1132
4,4,4-Trifluorobutyramide	1081	Trifluoromethanesulfonic acid	1079

Trifluoromethanesulfonic anhydride	1455	3,3,3-Trifluoropropanal, 95%	1099
Trifluoromethanesulfonyl chloride	1456	3,3,3-Trifluoropropanal diethylacetal	1310
4-(Trifluoromethoxy)aniline	1080	3,3,3-Trifluoropropanal dimethylacetal	1810
(Trifluoromethoxy)benzene	1209	3,3,3-Trifluoropropan-1-ol, 98%	1096
1,1,1-Trifluoro-5-methoxy-5-methylhexane-2,4-dione	1939	1,1,1-Trifluoropropan-2-ol, 98%	1097
Trifluoromethyl trifluorovinyl ether	0813	3,3,3-Trifluoropropene	1098
2-(Trifluoromethyl)acrylic acid	1313	3,3,3-Trifluoropropionic acid	1095
2-(Trifluoromethyl)acrylonitrile	1082	3,3,3-Trifluoropropionitrile	1162
4-(Trifluoromethyl)benzaldehyde	1281	3,3,3-Trifluoropropionyl chloride	1100
3-(Trifluoromethyl)benzaldehyde	1321	(3,3,3-Trifluoropropyl)methyldichlorosilane	1933
3-(Trifluoromethyl)crotonic acid	1285	1,1,1-Trifluoroisopropyl acetate	1805
(Trifluoromethyl)maleic anhydride, 99%	1084	3,3,3-Trifluoropropyl p-toluenesulfonate	1471
(Trifluoromethyl)oxirane, 99%	1085	3,3,3-Trifluoropropylamine	1182
5-(Trifluoromethyl)-1,3-phenylenediamine	1086	3,3,3-Trifluoropropylamine hydrochloride	1235
2-(Trifluoromethyl)propan-2-ol	1231	3,3,3-Trifluoropropyne	1101
4-(Trifluoromethyl)styrene	1943	2,4,6-Trifluoropyridine	1262
Tetrafluoro-4-(trifluoromethyl)phenylhydrazine	1087	Trifluoropyruvamide	1811
1-(Trifluoromethyl)trifluoroethanesultone	0826	Trifluoropyruvamide hydrate	1812
Trimethyl(trifluoromethyl)silane, 99%	1111	Trifluoropyruvic acid monohydrate	1813
2,4,6-Trifluoronitrobenzene	1088	Trifluoropyruvic aldehyde (20% aqueous solution)	1198
1,1,2-Trifluorooct-1-ene	1089	2,4,6-Trifluorotoluene	1103
1,1,2-Trifluoropenta-1,4-diene	1522	2,4,6-Trifluoro-1,3,5-triazine	1589
5,5,5-Trifluoropentanoic acid	1809	3,3,3-Trifluoro-2-(trifluoromethyl)propionyl chloride	1270
5,5,5-Trifluoropentan-1-ol	1091	4,4,4-Trifluoro-3-(trifluoromethyl)butan-1-ol	1173
1,1,2-Trifluoropent-1-ene	1092	4,4,4-Trifluoro-3-(trifluoromethyl)butyric acid	1405
4,5,5-Trifluoropent-4-enoic acid	1093	4,4,4-Trifluoro-3-(trifluoromethyl)crotonal	1221
5,5,5-Trifluoropent-2-enoic acid	1102	4,4,4-Trifluoro-3-(trifluoromethyl)crotonic acid	1104
4,5,5-Trifluoropent-4-en-1-ol	1094	5,5,5-Trifluoro-4-(trifluoromethyl)pent-3-en-2-one	1115

## T U V

3,3,3-Trifluoro-2-(trifluoromethyl)propionic acid	1105	Tris(heptafluoropropyl)-1,3,5-triazine	1591
5,5,5-Trifluorovaleronitrile	1197	Tris(1H,1H,5H-octafluoropentyl)phosphate	1850
4-(Trifluorovinyl)benzenesulfonyl fluoride	1468	Tris(pentafluoroethyl)-1,3,5-triazine	1590
(Trifluorovinyl)cyclohexane	1108	Tris(pentafluorophenyl)borane	1113
1-(Trifluorovinyl)cyclohexene	1109	Tris(pentafluorophenyl)phosphine	1114
Trimethoxy(pentafluorophenyl)silane	0712	Tris(trifluoromethyl)-1,3,5-triazine	1261
Trimethyl(bromodifluoromethyl)silane	1222	5,5,6,6,7,7,8,8,9,9,9-Undecafluorononane-2,4-dione	1116
Trimethyl(heptafluoropropyl)silane	1770	2-Vinylhexafluoroisopropanol	1447
Trimethyl(nonafluorobutyl)silane	1925		
Trimethyl(pentafluoroethyl)silane	1311		
Trimethyl(perfluorohexyl)silane	1926		
Trimethyl(perfluoro-1,1,2-trimethyl-3-oxahexyloxy)silane	1931		
Trimethylsilyl bromodifluoroacetate	1936		
Trimethylsilyl 2-(2-bromotetrafluoroethoxy)tetrafluoropropionate	1814		
Trimethylsilyl 2-(fluorosulfonyl)difluoroacetate	1930		
Trimethylsilyl heptafluorobutyrate	1595		
Trimethylsilyl 2-(heptafluoropropoxy)tetrafluoropropionate	1598		
Trimethylsilyl nonafluoropentanoate	1596		
Trimethylsilyl pentafluoropropionate	1258		
Trimethylsilyl perfluoro(2-ethoxyethane)sulfonate	1110		
Trimethylsilyl perfluoroheptanoate	1601		
Trimethylsilyl perfluorononanoate	1505		
Trimethylsilyl 2,3,4,5-tetrafluorobenzoate	1937		
Trimethylsilyl trifluoroacetate	1815		
Trimethylsilyl trifluoromethanesulfonate	1597		
Trimethylsilyl 3,3,3-trifluoropropionate	1821		
2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one	1599		
Tris(difluoromethyl)-1,3,5-triazine	1816		

# NUMERAL LISTING OF FLUORINE COMPOUNDS

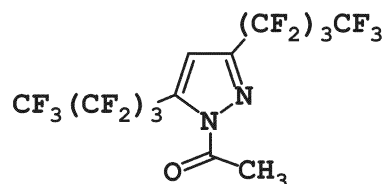
**0001 1-Acetyl-3,5-bis(nonafluorobutyl)pyrazole**

[247170-28-1]

*bp* 257°C

C<sub>13</sub>H<sub>4</sub>F<sub>18</sub>N<sub>2</sub>O

FW 546.16

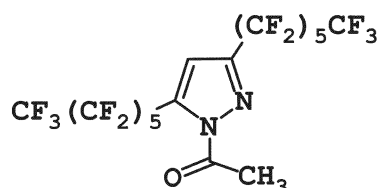


**0002 1-Acetyl-3,5-bis(perfluorohexyl)pyrazole**

[231953-34-7]

C<sub>17</sub>H<sub>4</sub>F<sub>26</sub>N<sub>2</sub>O

FW 746.19



**0003 1-Acetyl-3,5-bis(heptafluoropropyl)pyrazole**

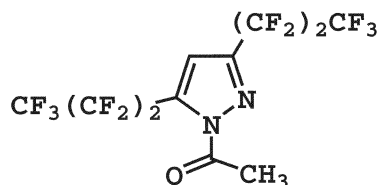
[231630-85-6]

*bp* 251°C

C<sub>11</sub>H<sub>4</sub>F<sub>14</sub>N<sub>2</sub>O

FW 446.14

Irritant



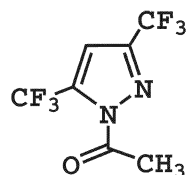
**0004 1-Acetyl-3,5-bis(trifluoromethyl)pyrazole**

[244187-01-7]

*bp* 220°C *d* 1,6

C<sub>7</sub>H<sub>4</sub>F<sub>6</sub>N<sub>2</sub>O

FW 246.11

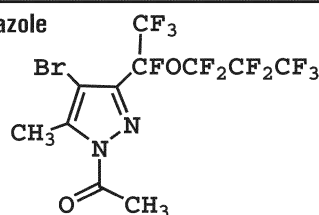


**0005 1-Acetyl-4-bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole**

[231301-30-7]

C<sub>11</sub>H<sub>6</sub>BrF<sub>11</sub>N<sub>2</sub>O<sub>2</sub>

FW 487.07



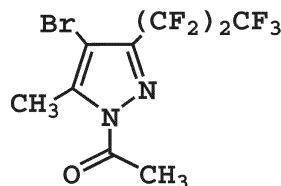
**0006 1-Acetyl-4-bromo-5(3)-heptafluoropropyl-3(5)-methylpyrazole**

[232278-00-1]

*bp* 90°C/25 mm Hg *d* 1,6

C<sub>9</sub>H<sub>6</sub>BrF<sub>7</sub>N<sub>2</sub>O

FW 371.05

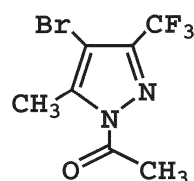


**0007 1-Acetyl-4-bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole**

[229980-59-0]

C<sub>7</sub>H<sub>6</sub>BrF<sub>3</sub>N<sub>2</sub>O

FW 271.04

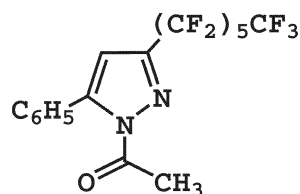


0008	<b>1-Acetyl-4-bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole</b> [231955-61-6]	
	$C_{14}H_8BrF_7N_2O$ FW 433.12	
0009	<b>1-Acetyl-4-bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole</b> [231955-60-5]	
	$C_{12}H_8BrF_3N_2O$ FW 333.11	
0010	<b>1-Acetyl-4-chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole</b> [231301-31-8]	
	$C_{11}H_6ClF_{11}N_2O_2$ FW 442.62	
0011	<b>1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole</b> [231301-25-0]	
	$C_9H_6ClF_7N_2O$ FW 326.60	
0012	<b>1-Acetyl-4-chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole</b> [231301-10-3] <i>bp 81–82°C/14 mm Hg</i> $C_7H_6ClF_3N_2O$ FW 226.59	
0013	<b>1-Acetyl-4-chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole</b> [231947-18-5]	
	$C_{14}H_8ClF_7N_2O$ FW 388.67	
0014	<b>1-Acetyl-4-chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole</b> [231947-23-2]	
	$C_{12}H_8ClF_3N_2O$ FW 288.66	
0015	<b>1-Acetyl-3(5)-difluoromethyl-5(3)-phenylpyrazole</b> [507485-96-3]	
	$C_{12}H_{10}F_2N_2O$ FW 236.22	

0016	<b>1-Acetyl-5(3)-methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole</b> [231947-20-9]  $C_{11}H_6F_{11}N_3O_4$ FW 453.17	
0017	<b>1-Acetyl-3(5)-heptafluoropropyl-5(3)-methyl-4-nitropyrazole</b> [244033-12-3]  $C_9H_6F_7N_3O_3$ FW 337.15	
0018	<b>1-Acetyl-5(3)-methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole</b> [229980-58-9] <i>mp</i> 160–165°C $C_7H_6F_3N_3O_3$ FW 237.14	
0019	<b>1-Acetyl-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole</b> [231301-28-3] <i>bp</i> 94°C/0,5 mm Hg $C_{11}H_7F_{11}N_2O_2$ FW 408.17	
0020	<b>1-Acetyl-3(5)-heptafluoropropyl-5(3)-methylpyrazole</b> [231301-24-9]  $C_9H_7F_7N_2O$ FW 292.16	
0021	<b>1-Acetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole</b> [244214-00-4]  $C_7H_7F_3N_2O$ FW 192.14	
0024	<b>1-Acetyl-3(5)-nonafluorobutyl-5(3)-phenylpyrazole</b> [511243-92-8]  $C_{15}H_9F_9N_2O$ FW 404.23	
0025	<b>1-Acetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole</b> [231301-09-0]  $C_{10}H_4F_{12}N_2O$ FW 396.14	

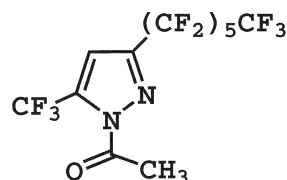
**0026 1-Acetyl-3(5)-perfluorohexyl-5(3)-phenylpyrazole**  
[511243-93-9]

$C_{17}H_9F_{13}N_2O$   
FW 504.25



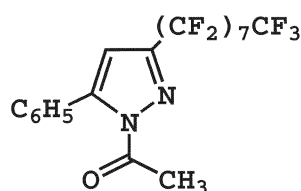
**0027 1-Acetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole**  
[231301-29-4]

$C_{12}H_4F_{16}N_2O$   
FW 496.15



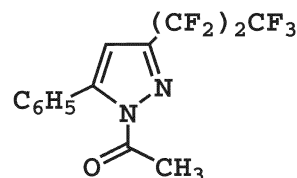
**0028 1-Acetyl-3(5)-perfluorooctyl-5(3)-phenylpyrazole**  
[511243-94-0]

$C_{19}H_9F_{17}N_2O$   
FW 604.27



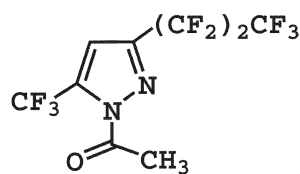
**0029 1-Acetyl-3(5)-heptafluoropropyl-5(3)-phenylpyrazole**  
[231947-24-3]

$C_{14}H_9F_7N_2O$   
FW 354.23



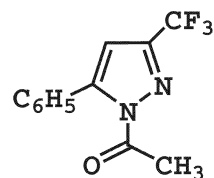
**0030 1-Acetyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole**  
[229980-60-3]

$C_9H_4F_{10}N_2O$   
FW 346.13



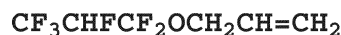
**0031 1-Acetyl-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole**  
[231947-22-1]

*bp* 150°C/12 mm Hg  
 $C_{12}H_9F_3N_2O$   
FW 254.21  
Irritant



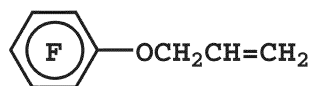
**0032 Allyl 1,1,2,3,3,3-hexafluoropropyl ether**  
[59158-81-5]

*bp* 86–89°C  $n_D^{20}$  1,3190  $d$  1,305 *fp* 6°C  
 $C_6H_6F_6O$   
FW 208.10  
Flammable/Irritant

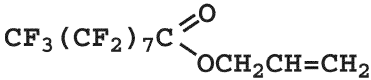
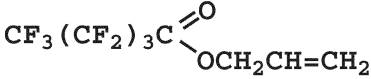

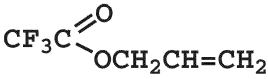
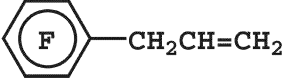
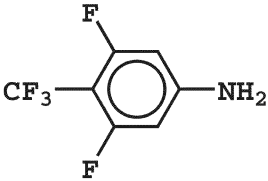
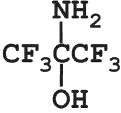
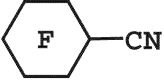


**0033 Allyloxypentafluorobenzene**  
[33104-02-8]

*bp* 64°C/20 mm Hg  
 $C_9H_5F_5O$   
FW 224.13  
Irritant





0034	<b>Allyl perfluorononanoate</b> [117374-33-1] <i>bp</i> 81°C/10 mm Hg $C_{12}H_5F_{17}O_2$ FW 504.14 Irritant	
0035	<b>Allyl nonafluoropentanoate</b> [84145-17-5] <i>bp</i> 69°C/90mm $C_8H_5F_9O_2$ FW 304.11 Irritant	
0036	<b>Allyl 1,1,2,2-tetrafluoroethyl ether</b> [1428-33-7] <i>bp</i> 76–78°C $n_D^{20}$ 1,3288 $d$ 1,204 $fp$ -5°C $C_5H_6F_4O$ FW 158.10 Highly Flammable/Harmful	
0037	<b>Allyl trifluoroacetate, 98%</b> [383-67-5] <i>bp</i> 78–79°C $n_D^{20}$ 1,3364 $d$ 1,176 $fp$ -1°C $C_5H_5F_3O_2$ FW 154.09 Highly Flammable/Corrosive/Lachrymatory	
0038	<b>Allylpentafluorobenzene, 98%</b> [1736-60-3] <i>bp</i> 148–149°C $n_D^{20}$ 1,4270 $d$ 1,358( $t=25^\circ C$ ) $fp$ 42°C $C_9H_5F_5$ FW 208.13 Flammable/Irritant	
0039	<b>4-Amino-2,6-difluorobenzotrifluoride</b> [123950-44-7] <i>mp</i> 66–70°C <i>bp</i> 103–105°C $C_7H_4F_5N$ FW 197.11 Toxic/Light Sensitive/Keep Cold	
0041	<b>2-Aminohexafluoroisopropanol (30% in dioxane or diglyme)</b> [31253-34-6] $C_3H_3F_6NO$ FW 183.05 Irritant	
0042	<b>Perfluorocyclohexanecarbonitrile</b> [51579-56-7] <i>bp</i> 73–74°C $d$ 1,375 $C_7F_{11}N$ FW 307.07	

**0043 4-Aminoperfluorobiphenyl**

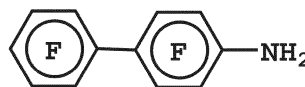
[969-25-5]

*mp* 145-146°C *bp* 210°C

$C_{12}H_2F_9N$

FW 331.14

Irritant



**0044 4-(Hexafluoro-2-hydroxyisopropyl)aniline, 95%**

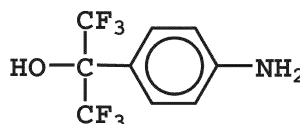
[722-92-9]

*mp* 150-154°C

$C_9H_7F_6NO$

FW 259.15

Irritant/Harmful



**0045 4-Amino-2,3,5,6-tetrafluorobenzamide, 90%**

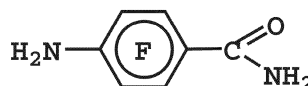
[1548-74-9]

*mp* 180-182°C

$C_7H_4F_4N_2O$

FW 208.12

Harmful /Irritant



**0046 4-Amino-2,3,5,6-tetrafluorobenzoic acid**

[944-43-4]

*mp* 182-184°C

$C_7H_3F_4NO_2$

FW 209.11

Irritant



**0047 2,3,5,6-Tetrafluoro-4-(trifluoromethyl)aniline**

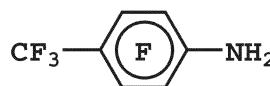
[651-83-2]

*bp* 185-186°C  $n_D^{20}$  1,4320  $d$  1,687 *fp* 87°C

$C_7H_2F_7N$

FW 233.09

Irritant

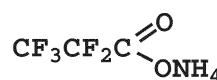


**0048 Ammonium pentafluoropropionate**

[2730-58-7]

$C_3H_4F_5NO_2$

FW 181.06



**0049 Ammonium trifluoroacetate, 99%**

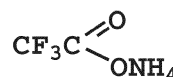
[3336-58-1]

*mp* 123-125°C

$C_2H_4F_3NO_2$

FW 131.05

Hygroscopic/Irritant



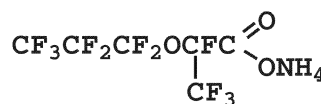
**0050 Ammonium perfluoro(2-methyl-3-oxahexanoate)**

[62037-80-3]

*bp* 183-184°C

$C_6H_4F_{11}NO_3$

FW 347.08



**0051 1-Phenyl-4,4,4-trifluorobutane-1,3-dione**

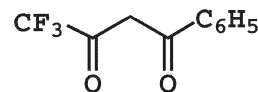
[326-06-7]

*mp* 39-40°C *bp* 224°C *fp* 98°C

C<sub>10</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub>

FW 216.16

Irritant

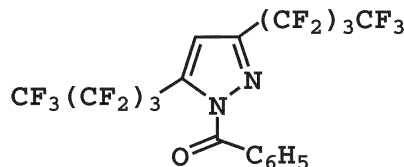


**0052 1-Benzoyl-3,5-bis(nonafluorobutyl)pyrazole**

[231630-89-0]

C<sub>18</sub>H<sub>6</sub>F<sub>18</sub>N<sub>2</sub>O

FW 608.23

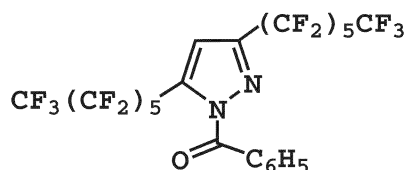


**0053 1-Benzoyl-3,5-bis(perfluorohexyl)pyrazole**

[230295-10-0]

C<sub>22</sub>H<sub>6</sub>F<sub>26</sub>N<sub>2</sub>O

FW 808.26

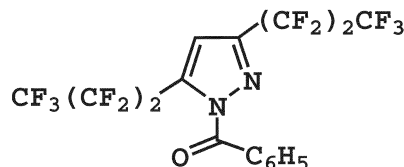


**0054 1-Benzoyl-3,5-bis(heptafluoropropyl)pyrazole**

[231953-37-0]

C<sub>16</sub>H<sub>6</sub>F<sub>14</sub>N<sub>2</sub>O

FW 508.21



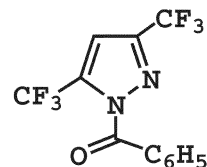
**0055 1-Benzoyl-3,5-bis(trifluoromethyl)pyrazole**

[134947-25-4]

*mp* 83-84°C

C<sub>12</sub>H<sub>6</sub>F<sub>6</sub>N<sub>2</sub>O

FW 308.18

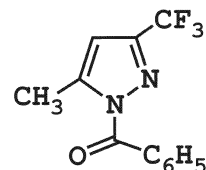


**0056 1-Benzoyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole**

[231947-19-6]

C<sub>12</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub>O

FW 254.21

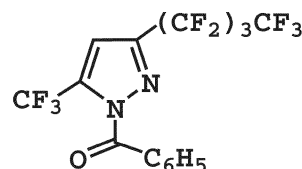


**0057 1-Benzoyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole**

[247126-42-7]

C<sub>15</sub>H<sub>6</sub>F<sub>12</sub>N<sub>2</sub>O

FW 458.21

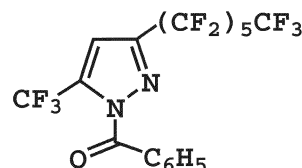


**0058 1-Benzoyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole**

[231301-26-1]

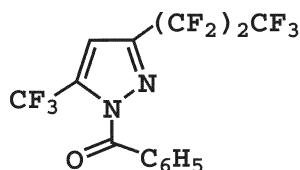
C<sub>17</sub>H<sub>6</sub>F<sub>16</sub>N<sub>2</sub>O

FW 558.22



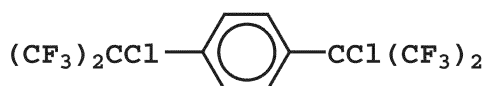
**0059 1-Benzoyl-5(3)-heptafluoropropyl-3(5)-(trifluoromethyl)pyrazole**  
[231301-27-2]

$C_{14}H_6F_{10}N_2O$   
FW 408.20



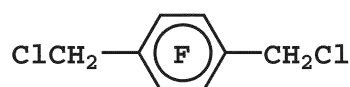
**0060 1,4-Bis(2-chlorohexafluoroisopropyl)benzene**

[667938-77-4]  
*mp* 113-114°C  
 $C_{12}H_4Cl_2F_{12}$   
FW 447.05



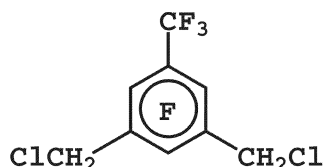
**0061 1,4-Bis(chloromethyl)tetrafluorobenzene**

[131803-37-7]  
*mp* 77-78°C *bp* 108-109°C/10 mm Hg  
 $C_8H_4Cl_2F_4$   
FW 247.02  
Irritant



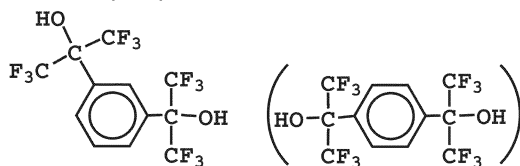
**0062 3,5-Bis(chloromethyl)-2,4,6-trifluorobenzotrifluoride, 96%**

[886762-13-6]  
*bp* 130°C/45 mm Hg  
 $C_9H_4Cl_2F_6$   
FW 297.03  
Irritant



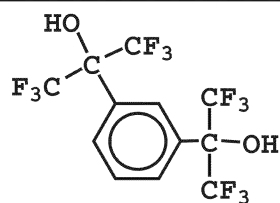
**0063 1,3-(1,4)-Bis(2-hydroxyhexafluoroisopropyl)benzene, 85% (15%)**

1,3-isomer [802-93-7]; 1,4-isomer [1992-15-0]  
*bp* 99-100°C/20 mm Hg  
 $C_{12}H_6F_{12}O_2$   
FW 410.16  
Corrosive/Irritant



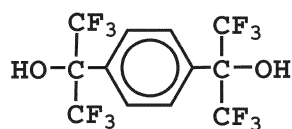
**0064 1,3-Bis(2-hydroxyhexafluoroisopropyl)benzene**

[802-93-7]  
*mp* 9-10°C *bp* 200-209°C  $n_D^{20}$  1,3865-1,3885  $d$  1,659 *fp* 97°C  
 $C_{12}H_6F_{12}O_2$   
FW 410.16  
Corrosive/Irritant



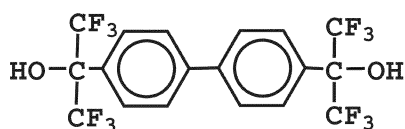
**0065 1,4-Bis(2-hydroxyhexafluoroisopropyl)benzene**

[1992-15-0]  
*mp* 85-86°C  
 $C_{12}H_6F_{12}O_2$   
FW 410.16  
Corrosive/Irritant



**0066 4,4'-Bis(2-hydroxyhexafluoroisopropyl)biphenyl**

[2180-30-5]  
*mp* 125-126°C  
 $C_{18}H_{10}F_{12}O_2$   
FW 486.26  
Irritant



**0067 Bis(pentafluorophenyl)carbonate**

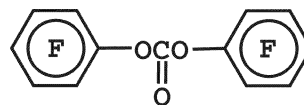
[59483-84-0]

*mp* 49-50°C *bp* 250°C *fp* 110°C

C<sub>13</sub>F<sub>10</sub>O<sub>3</sub>

FW 394.13

Irritant



**0068 Bis(pentafluorophenyl)phenylphosphine**

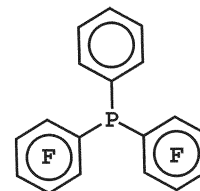
[5074-71-5]

*mp* 69-70°C *bp* 105°C/0,3 mm Hg *fp* >110°C

C<sub>18</sub>H<sub>5</sub>F<sub>10</sub>P

FW 442.20

Irritant

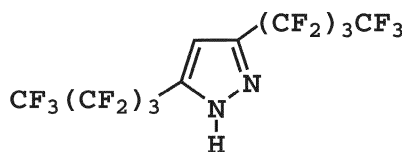


**0070 3,5-Bis(nonafluorobutyl)pyrazole**

[1030269-32-9]

C<sub>11</sub>H<sub>2</sub>F<sub>18</sub>N<sub>2</sub>

FW 504.12



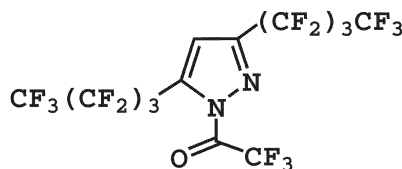
**0071 1-Trifluoroacetyl-3,5-bis(nonafluorobutyl)pyrazole**

[261761-06-2]

C<sub>13</sub>HF<sub>21</sub>N<sub>2</sub>O

FW 600.13

Irritant



**0073 Bis(1H,1H,7H-perfluoroheptyloxy)methane**

[116146-19-1]

C<sub>15</sub>H<sub>8</sub>F<sub>24</sub>O<sub>2</sub>

FW 676.19

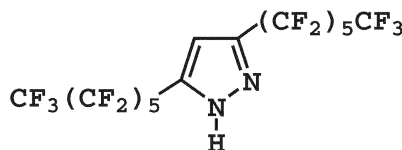


**0076 3,5-Bis(perfluorohexyl)pyrazole**

[1030269-33-0]

C<sub>15</sub>H<sub>2</sub>F<sub>26</sub>N<sub>2</sub>

FW 704.15



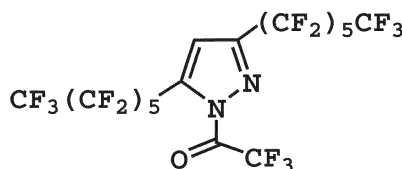
**0077 1-Trifluoroacetyl-3,5-bis(perfluorohexyl)pyrazole**

[261761-08-4]

C<sub>17</sub>HF<sub>29</sub>N<sub>2</sub>O

FW 800.16

Irritant



**0078 1,4-Bis(heptafluoroisopropyl)benzene**

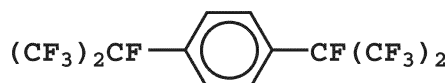
[51114-12-6]

*mp* 63-64°C

C<sub>12</sub>H<sub>4</sub>F<sub>14</sub>

FW 414.14

Irritant



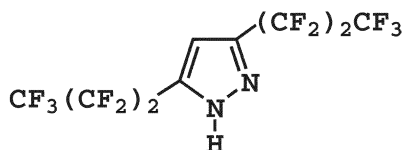
**0082 3,5-Bis(heptafluoropropyl)pyrazole**

[1030269-34-1]

*bp* 90-91°C/12 mm Hg

$C_9H_2F_{14}N_2$

FW 404.11



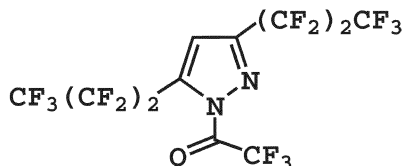
**0083 1-Trifluoroacetyl-3,5-bis(heptafluoropropyl)pyrazole**

[261761-04-4]

$C_{11}HF_{17}N_2O$

FW 500.11

Irritant



**0084 1,4-Bis(tert-butoxy)tetrafluorobenzene, 96%**

[121088-09-3]

*mp* 55-56°C

$C_{14}H_{18}F_4O_2$

FW 294.29

Irritant



**0085 1,2-Bis(1,1,2,2-tetrafluoroethoxy)benzene**

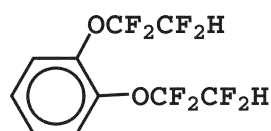
[4063-48-3]

*bp* 97-100°C/32 mm Hg  $n_D^{20}$  1,3859 ( $t=25^\circ C$ )  $d$  1,8

$C_{10}H_6F_8O_2$

FW 310.14

Irritant



**0086 1,4-Bis(1,1,2,2-tetrafluoroethoxy)benzene**

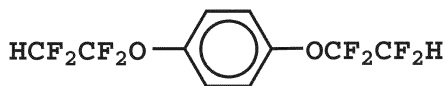
[3832-65-3]

*bp* 81-83°C/10 mm Hg  $n_D^{20}$  1,3865

$C_{10}H_6F_8O_2$

FW 310.14

Irritant



**0087 1,3-Bis(1,1,2,2-tetrafluoroethoxy)benzene**

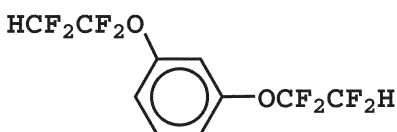
[3914-19-0]

*bp* 78-79°C/10 mm Hg  $n_D^{20}$  1,3846 ( $t=25^\circ C$ )  $d$  1,8

$C_{10}H_6F_8O_2$

FW 310.14

Irritant



**0088 1,4-Bis(2,2,3,3-tetrafluoropropoxy)tetrafluorobenzene**

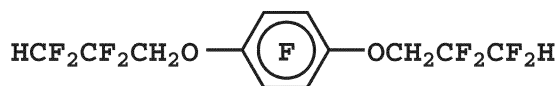
[89847-88-1]

*bp* 127-128°C/12 mm Hg  $d$  1,4

$C_{12}H_6F_{12}O_2$

FW 410.16

Irritant



**0090 N,O-Bis(trifluoroacetyl)hydroxylamine**

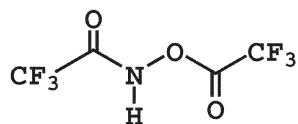
[684-78-6]


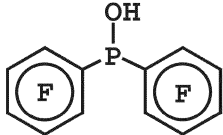
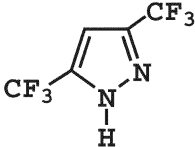
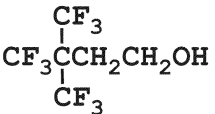
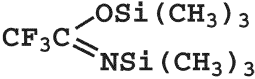
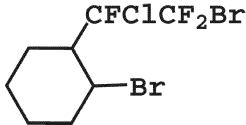
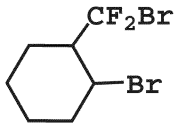
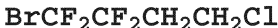
*mp* 59-60°C (Subl.)

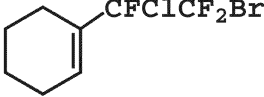
$C_4HF_6NO_3$

FW 225.05

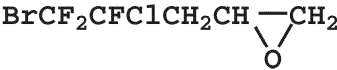
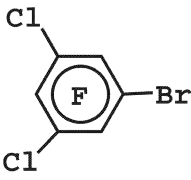
Corrosive

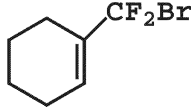



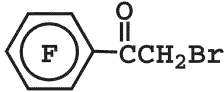
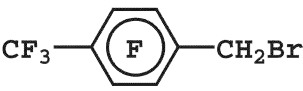
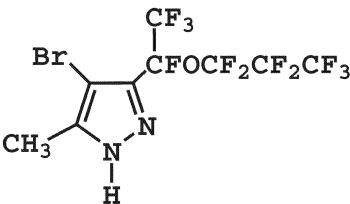
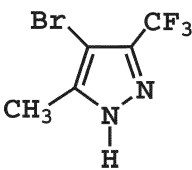
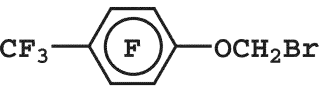
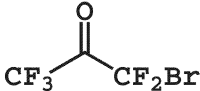
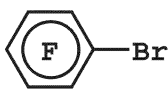
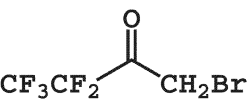
0091	<b>1,4-Bis(2,2,2-trifluoroethoxy)tetrafluorobenzene</b> [6715-31-7] <i>mp</i> 68-69°C <i>bp</i> 111-112°C/10 mm Hg $C_{10}H_4F_{10}O_2$ FW 346.12 Irritant	
0093	<b>Bis(pentafluorophenyl)hydroxyphosphine</b> [5032-93-9] <i>mp</i> 97-98°C $C_{12}HF_{10}OP$ FW 382.097	
0094	<b>3,5-Bis(trifluoromethyl)pyrazole</b> [14704-41-7] <i>mp</i> 76-77°C <i>bp</i> 96°C/75 mm Hg $C_5H_2F_6N_2$ FW 204.07 Irritant	
0095	<b>3,3-Bis(trifluoromethyl)-4,4,4-trifluorobutan-1-ol</b> [14115-49-2] <i>mp</i> 36-37°C <i>bp</i> 134-135°C $C_6H_5F_9O$ FW 264.09 Irritant	
0098	<b>N,O-Bis(trimethylsilyl)trifluoroacetamide</b> [25561-30-2] <i>mp</i> -10°C <i>bp</i> 54-54,5°C/29 mm Hg $n_D^{20}$ 1,3840 $d$ 0,969 $tp$ 23°C $C_8H_{18}F_3NOSi_2$ FW 257.40 Corrosive/Flammable/Moisture Sensitive/Keep Cold	
0099	<b>1-Bromo-2-(2-bromo-1-chlorotrifluoroethyl)cyclohexane</b> [232602-77-6] <i>bp</i> 108-110°C/2 mm Hg $C_8H_{10}Br_2ClF_3$ FW 358.42 Irritant	
0100	<b>1-Bromo-2-(bromodifluoromethyl)cyclohexane</b> [14737-09-8] <i>bp</i> 105°C/15 mm Hg $d$ 1,7 $C_7H_{10}Br_2F_2$ FW 291.96 Irritant	
0101	<b>1-Bromo-4-chloro-1,1,2,2-tetrafluorobutane</b> [232602-78-7] <i>bp</i> 108-109°C $d$ 1,6 $C_4H_4BrClF_4$ FW 243.43 Irritant	

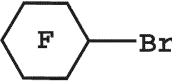
0102	<b>4-Bromo-3-chloro-3,4,4-trifluorobut-1-ene</b> [374-25-4] <i>bp</i> 99-100°C <i>n<sub>D</sub></i> 1,4092( <i>t</i> =25°C) <i>d</i> 1,678 $C_4H_3BrClF_3$ FW 223.42 Combustible/Harmful/Irritant	$BrCF_2CFC1CH=CH_2$
0103	<b>1-(2-Bromo-1-chlorotrifluoroethyl)cyclohexene</b> [231953-30-3] $C_8H_9BrClF_3$ FW 277.51 Irritant	
0104	<b>1-Bromo-2-chloro-1,1,2-trifluorooct-3-ene</b> [30428-56-9] <i>bp</i> 56-58°C/1 mm Hg $C_8H_{11}BrClF_3$ FW 279.53 Combustible/Irritant	$BrCF_2CFC1CH=CH(CH_2)_3CH_3$
0105	<b>5-Bromo-4-chloro-4,5,5-trifluoropentanoic acid</b> [232602-79-8] $C_5H_5BrClF_3O_2$ FW 269.45 Corrosive/Irritant	$BrCF_2CFC1CH_2CH_2C(=O)OH$
0106	<b>5-Bromo-4-chloro-4,5,5-trifluoropentan-1-ol</b> [222026-50-8] <i>bp</i> 105°C/15 mm Hg $C_5H_7BrClF_3O$ FW 255.46 Irritant	$BrCF_2CFC1CH_2CH_2CH_2OH$
0107	<b>5-Bromo-4-chloro-4,4,5-trifluoropent-2-ene</b> [356-73-0] <i>bp</i> 74-75°C/93 mm Hg <i>n<sub>D</sub><sup>20</sup></i> 1,422 <i>d</i> 1,589 $C_5H_5BrClF_3$ FW 237.45 Combustible	$BrCF_2CFC1CH=CHCH_3$
0108	<b>5-Bromo-4-chloro-4,5,5-trifluoropent-2-enoic acid</b> [232602-80-1] $C_5H_3BrClF_3O_2$ FW 267.43 Corrosive	$BrCF_2CFC1CH=CHC(=O)OH$
0109	<b>5-Bromo-4-chloro-4,5,5-trifluoropent-2-en-1-ol</b> [232602-81-2] [1827-19-6] $C_5H_5BrClF_3O$ FW 253.45 Combustible	$BrCF_2CFC1CH=CHCH_2OH$

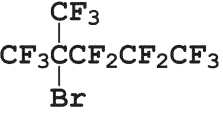
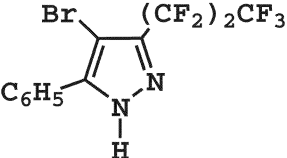
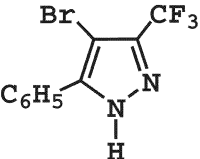




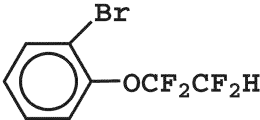
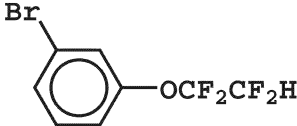
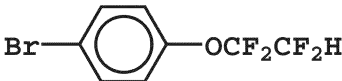
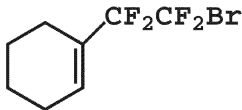
0110	<b>(3-Bromo-2-chloro-2,3,3-trifluoropropyl)oxirane</b> [1827-19-6] <i>bp</i> 77-78°C/25 mm Hg $n_D^{20}$ 1,4314 $d$ 1,7549 $C_3H_5BrClF_3O$ FW 253.45 Irritant	$BrCF_2CFClCH_2CH \begin{array}{c} \diagup \\ O \\ \diagdown \end{array} CH_2$ 
0111	<b>1-Bromo-3,5-dichloro-2,4,6-trifluorobenzene</b> [24812-13-3] <i>mp</i> 58,0-59,5°C $C_6BrCl_2F_3$ FW 279.87 Irritant	
0112	<b>4-Bromo-1,2-dichloro-1,1,2-trifluorobutane</b> [234096-23-2] <i>bp</i> 64-65°C/35 mm Hg $C_4H_4BrCl_2F_3$ FW 259.88	$ClCF_2 \begin{array}{c}   \\ Cl \end{array} CFCH_2CH_2Br$
0113	<b>Bromodifluoroacetic acid, 98%</b> [354-08-5] <i>mp</i> 2°C <i>bp</i> 139-140°C $C_2HBrF_2O_2$ FW 174.93 Corrosive	$BrCF_2C \begin{array}{c} =O \\ \diagdown \\ OH \end{array}$
0114	<b>Bromodifluoroacetyl bromide</b> [1796-12-9] <i>bp</i> 71-73°C $n_D^{20}$ 1,4145 $d$ 1,9 $C_2Br_2F_2O$ FW 237.83 Corrosive/Irritant/Moisture Sensitive	$BrCF_2C \begin{array}{c} =O \\ \diagdown \\ Br \end{array}$
0115	<b>Bromodifluoroacetyl chloride</b> [3832-48-2] <i>bp</i> 50°C $n_D^{20}$ 1,3853 $d$ 1,82 $C_2BrClF_2O$ FW 193.37 Corrosive/Irritant/Moisture Sensitive	$BrCF_2C \begin{array}{c} =O \\ \diagdown \\ Cl \end{array}$
0116	<b>Bromodifluoroacetyl fluoride</b> [38126-07-7] <i>bp</i> -2-0°C $C_2BrF_3O$ FW 176.92 Corrosive/Irritant/Moisture Sensitive	$BrCF_2C \begin{array}{c} =O \\ \diagdown \\ F \end{array}$
0117	<b>1-Bromo-1,1-difluorohept-2-ene</b> [262296-38-8] (E) [154389-17-0] (Z) [154359-18-1] <i>bp</i> 78-82°C/60 mm Hg $d$ 1,46 $C_7H_{11}BrF_2$ FW 213.07 Flammable	$BrCF_2CH=CH(CH_2)_3CH_3$


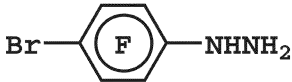
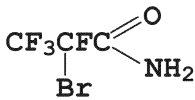

0118	<b>1-(Bromodifluoromethyl)cyclohexene</b> [117711-60-1] <i>bp</i> 78-80°C/35 mm Hg <i>d</i> 1,6 $C_7H_9BrF_2$ FW 211.05 Irritant	
0120	<b>3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohexane</b> [128454-91-1] <i>bp</i> 143-147°C $C_8H_4BrF_{13}$ FW 427.00 Irritant	$CF_3CF_2CF_2C(CH_3)_2CH_2CH_2Br$
0121	<b>3,3-Bis(trifluoromethyl)-1-bromo-4,4,5,5,6,6,6-heptafluorohex-1-ene</b> [128454-94-4] <i>bp</i> 110°C $C_8H_2BrF_{13}$ FW 424.99	$CF_3CF_2CF_2C(CH_3)_2CH=CHBr$
0122	<b>2-Bromo-3,3,4,4,5,5,5-heptafluoropent-1-ene</b> [96916-53-9] <i>bp</i> 78°C $C_5H_2BrF_7$ FW 274.96 Irritant	$CF_3CF_2CF_2CBr=CH_2$
0123	<b>2-Bromoheptafluoropropane</b> [422-77-5] <i>bp</i> 15-16°C $C_3BrF_7$ FW 248.93 Toxic	$CF_3CF(Br)CF_3$
0124	<b>1-Bromoheptafluoropropane</b> [422-85-5] <i>bp</i> 12°C $n_D^{20}$ 1,3070 <i>d</i> 1,875 <i>fp</i> none $C_3BrF_7$ FW 248.93 Toxic	$CF_3CF_2CF_2Br$
0125	<b>4-Bromo-2,3,5,6-tetrafluorobenzotrifluoride</b> [17823-46-0] <i>bp</i> 152-153°C $n_D^{20}$ 1,4290 <i>d</i> 1,929 <i>fp</i> 62°C $C_7BrF_7$ FW 296.97 Irritant	
0126	<b>2-Bromo-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene</b> [234096-31-2] <i>bp</i> 96-97°C $C_6H_2BrF_9$ FW 324.97 Irritant	$CF_3CF_2C(F)CBr=CH_2$

<b>0127</b>	<b>(Bromoacetyl)pentafluorobenzene</b> [5122-16-7] <i>mp</i> 30-32°C <i>bp</i> 79°C/5 mm Hg $n_D^{20}$ 1,482 ( <i>t</i> =24,5°C) <i>d</i> 1,6 $C_8H_2BrF_5O$ FW 289.00 Lachrymatory/Toxic	
<b>0128</b>	<b>2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl bromide, 98%</b> [76437-40-6] <i>bp</i> 194-195°C $n_D^{20}$ 1,4480 <i>d</i> 1,864 <i>fp</i> 98°C $C_8H_2BrF_7$ FW 311.00 Corrosive/Lachrymatory	
<b>0129</b>	<b>4-Bromo-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole</b> [231630-82-3] $C_9H_4BrF_{11}N_2O$ FW 445.03	
<b>0130</b>	<b>4-Bromo-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole</b> [60061-68-9] <i>mp</i> 89-90°C $C_5H_4BrF_3N_2$ FW 229.00	
<b>0131</b>	<b>4-Bromomethoxy-2,3,5,6-tetrafluorobenzotrifluoride</b> [883521-27-5] $C_8H_2BrF_7O$ FW 327.00	
<b>0132</b>	<b>Bromopentafluoroacetone</b> [815-23-6] <i>bp</i> 31-33°C <i>d</i> 1,6 $C_3BrF_5O$ FW 226.93 Corrosive/Lachrymatory/Keep Cold/Light Sensitive	
<b>0133</b>	<b>Bromopentafluorobenzene</b> [344-04-7] <i>mp</i> -31°C <i>bp</i> 135-137°C $n_D^{20}$ 1,4490-1,4505 <i>d</i> 1,981 <i>fp</i> 87°C $C_6BrF_5$ FW 246.96 Irritant/Toxic	
<b>0134</b>	<b>1-Bromo-3,3,4,4,4-pentafluorobutan-2-one</b> [92737-01-4] <i>bp</i> 93-94°C <i>d</i> 1,92 $C_4H_2BrF_5O$ FW 240.96 Corrosive/Lachrymatory	

<b>0135</b>	<b>1-Bromo-3,3,4,4,4-pentafluorobut-1-ene</b> [916134-86-6] <i>bp</i> 61-62°C $C_4H_2BrF_5$ FW 224.96 Irritant	$CF_3CF_2CH=CHBr$
<b>0136</b>	<b>Bromopentafluoroethane</b> [354-55-2] <i>bp</i> -21°C $n_D^{20}$ 1,304( <i>t</i> =-42°C) $d$ 1,9492( <i>t</i> =-32°C) $C_2BrF_5$ FW 198.92 Irritant/Ozone Depleter	$CF_3CF_2Br$
<b>0137</b>	<b>1-Bromo-4H-octafluorobutane</b> [558-86-1] <i>bp</i> 66°C $n_D^{20}$ 1,309 $C_4HBrF_8$ FW 280.94 Irritant	$HCF_2(CF_2)_2CF_2Br$
<b>0138</b>	<b>1-Bromononafluorobutane</b> [375-48-4] <i>bp</i> 44-45°C $n_D^{20}$ 1,292 $d$ 1,9 $C_4BrF_9$ FW 298.93 Irritant	$CF_3CF_2CF_2CF_2Br$
<b>0139</b>	<b>1-Bromoperfluorocyclohexane</b> [336-13-0] <i>bp</i> 92°C/735 mm Hg $n_D^{20}$ 1,3205-1,3221 $d$ 1,818 $C_6BrF_{11}$ FW 360.95 Irritant	
<b>0140</b>	<b>1-Bromo-1H,1H,2H,2H-perfluorodecane</b> [21625-57-3] <i>bp</i> 84°C/10 mm Hg $C_{10}H_4BrF_{17}$ FW 527.02 Irritant	$CF_3(CF_2)_7CH_2CH_2Br$
<b>0141</b>	<b>1-Bromo-3,3,4,4,5,5,6,6-nonafluorohexane</b> [38436-14-5] <i>bp</i> 119-120°C $n_D^{20}$ 1,333 $d$ 1,721 <i>fp</i> 31°C $C_6H_4BrF_9$ FW 326.99 Irritant	$CF_3(CF_2)_3CH_2CH_2Br$
<b>0142</b>	<b>1-Bromoperfluorohexane</b> [335-56-8] <i>bp</i> 98-100°C $n_D^{20}$ 1,2995 $d$ 1,871 <i>fp</i> none $C_6BrF_{13}$ FW 398.95 Irritant	$CF_3(CF_2)_4CF_2Br$

<b>0143</b>	<b>1-Bromo-6H-perfluorohexane</b> [355-36-2] <i>bp</i> 157-159°C $C_6HBrF_{12}$ FW 380.96 Irritant	$HCF_2(CF_2)_4CF_2Br$
<b>0144</b>	<b>2-Bromoperfluoro(2-methylpentane)</b> [22528-67-2] <i>bp</i> 95-97°C $n_D^{20}$ 1,3005 $d$ 1,8 $C_6BrF_{13}$ FW 398.95 Irritant	
<b>0145</b>	<b>1-Bromoperfluorooctane, 99%</b> [423-55-2] <i>mp</i> 6°C <i>bp</i> 141-143°C $n_D^{20}$ 1,31 $d$ 1,930 $C_8BrF_{17}$ FW 498.96 Irritant	$CF_3(CF_2)_6CF_2Br$
<b>0146</b>	<b>2-Bromo-1H,1H-perfluorooct-1-ene</b> [51249-64-0] <i>bp</i> 38°C/15 mm Hg $C_8H_2BrF_{13}$ FW 424.99 Irritant	$CF_3(CF_2)_5CBr=CH_2$
<b>0147</b>	<b>4-Bromo-3(5)-heptafluoropropyl-5(3)-phenylpyrazole</b> [82633-52-1] <i>mp</i> 123-124°C $C_{12}H_6BrF_7N_2$ FW 391.09	
<b>0148</b>	<b>4-Bromo-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole</b> [230295-07-5] <i>mp</i> 173-175°C $C_{10}H_6BrF_3N_2$ FW 291.07	
<b>0149</b>	<b>4-Bromo-2,3,5,6-tetrafluoroaniline</b> [1998-66-9] <i>mp</i> 60-61°C <i>bp</i> 104-106°C/15 mm Hg $C_6H_2BrF_4N$ FW 243.99 Irritant	
<b>0150</b>	<b>1-Bromo-2,3,5,6-tetrafluorobenzene, 99%</b> [1559-88-2] <i>bp</i> 145-147°C $n_D^{20}$ 1,4690 $d$ 1,883 <i>fp</i> 53°C $C_6HBrF_4$ FW 228.97 Flammable/Irritant	

<b>0152</b>	<b>4-Bromo-3,3,4,4-tetrafluorobut-1-ene</b> [18599-22-9] <i>bp</i> 64°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,351-1,357 <i>d</i> 1,627 C <sub>4</sub> H <sub>3</sub> BrF <sub>4</sub> FW 206.97 Flammable/Irritant	<chem>BrCF2CF2CH=CH2</chem>
<b>0153</b>	<b>1-Bromo-2-(1,1,2,2-tetrafluoroethoxy)benzene</b> [833499-00-1]  C <sub>8</sub> H <sub>5</sub> BrF <sub>4</sub> O FW 273.03 Irritant	
<b>0154</b>	<b>1-Bromo-3-(1,1,2,2-tetrafluoroethoxy)benzene</b> [527751-45-7] <i>bp</i> 192°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4607 <i>d</i> 1,6187 <i>fp</i> 94°C C <sub>8</sub> H <sub>5</sub> BrF <sub>4</sub> O FW 273.03 Irritant	
<b>0155</b>	<b>1-Bromo-4-(1,1,2,2-tetrafluoroethoxy)benzene</b> [68834-05-9] <i>bp</i> 195-196°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,46 <i>d</i> 1,628 <i>fp</i> 88°C C <sub>8</sub> H <sub>5</sub> BrF <sub>4</sub> O FW 273.03 Irritant	
<b>0156</b>	<b>2-Bromotetrafluoroethyl trifluorovinyl ether, 98%</b> [85737-06-0] <i>bp</i> 55°C <i>d</i> 1,82 <i>fp</i> none C <sub>4</sub> BrF <sub>7</sub> O FW 276.94 Irritant	<chem>BrCF2CF2OCF=CF2</chem>
<b>0157</b>	<b>1-(2-Bromotetrafluoroethyl)cyclohexene</b> [113688-49-6] <i>bp</i> 68-69°C/15 mm Hg <i>n</i> <sub>D</sub> 1,4274( <i>t</i> =25°C) <i>d</i> 1,5116( <i>t</i> =25°C) C <sub>8</sub> H <sub>9</sub> BrF <sub>4</sub> FW 261.06 Irritant	
<b>0158</b>	<b>2-Bromo-3,4,4,4-tetrafluoro-3-(heptafluoropropoxy)but-1-ene</b> [241819-51-2]  C <sub>7</sub> H <sub>2</sub> BrF <sub>11</sub> O FW 390.98 Irritant	<chem>CF3CF2CF2OCF(CF3)CBr=CH2</chem>
<b>0159</b>	<b>1-Bromo-1,1,2,2-tetrafluorooctane</b> [231630-92-5] <i>bp</i> 78-80°C/20 mm Hg <i>d</i> 1,7 C <sub>8</sub> H <sub>13</sub> BrF <sub>4</sub> FW 265.09 Combustible	<chem>BrCF2CF2(CH2)5CH3</chem>

<b>0160</b>	<b>1-Bromo-1,1,2,2-tetrafluorooct-3-ene</b> [74793-72-9] (E)[134307-06-5] (Z)[134307-05-4] <i>bp</i> 160-165°C $C_8H_{11}BrF_4$ FW 263.07 Irritant	$BrCF_2CF_2CH=CH(CH_2)_3CH_3$
<b>0161</b>	<b>1-Bromo-1,1,2,2-tetrafluoropentane</b> [151831-44-6] $C_5H_7BrF_4$ FW 223.01 Combustible	$BrCF_2CF_2CH_2CH_2CH_3$
<b>0162</b>	<b>5-Bromo-4,4,5,5-tetrafluoropentanoic acid, 95%</b> [234443-22-2] <i>mp</i> 37-40°C <i>bp</i> 105°C/7 mm Hg $C_5H_5BrF_4O_2$ FW 252.99 Corrosive/Irritant	$BrCF_2CF_2CH_2CH_2C(=O)OH$
<b>0163</b>	<b>5-Bromo-4,4,5,5-tetrafluoropentan-1-ol</b> [222725-20-4] <i>bp</i> 88°C/20 mm Hg <i>d</i> 1,14 $C_5H_7BrF_4O$ FW 239.01 Irritant	$BrCF_2CF_2CH_2CH_2CH_2OH$
<b>0164</b>	<b>4-Bromotetrafluorophenol</b> [1998-61-4] <i>mp</i> 38-39°C <i>bp</i> 76-77°C/4 mm Hg $C_6HBrF_4O$ FW 244.97 Irritant	
<b>0165</b>	<b>4-Bromotetrafluorophenylhydrazine</b> [2797-79-7] <i>mp</i> 79-80°C $C_6H_3BrF_4N_2$ FW 259.00 Toxic	
<b>0166</b>	<b>2-Bromotetrafluoropropionamide</b> [422-22-0] <i>mp</i> 87-88°C <i>d</i> 2,234 $C_3H_2BrF_4NO$ FW 223.95 Irritant	
<b>0167</b>	<b>2-Bromotetrafluoropropionitrile</b> [234443-23-3] <i>bp</i> 32-34°C $C_3BrF_4N$ FW 205.94 Toxic	

**0168 2-Bromotetrafluoropropionic acid**

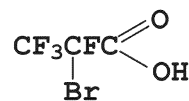
[13859-31-9]

*bp* 58-59°C/15 mm Hg  $n_D^{20}$  1,3711  $d$  1,936

$C_3HBrF_4O_2$

FW 224.94

Corrosive/Irritant



**0169 2-Bromotetrafluoropropionyl bromide**

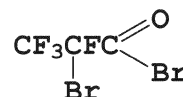
[41874-81-1]

*bp* 88°C  $d$  1,6

$C_3Br_2F_4O$

FW 287.83

Corrosive/Moisture Sensitive



**0170 2-Bromotetrafluoropropionyl chloride**

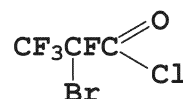
[6066-45-1]

*bp* 68-70°C  $n_D^{20}$  1,3313  $d$  1,55

$C_3BrClF_4O$

FW 243.38

Corrosive/Moisture Sensitive



**0171 2-Bromotetrafluoropropionyl fluoride**

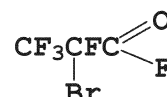
[6129-62-0]

*bp* 31-33°C  $n_D^{20}$  1,3652

$C_3BrF_5O$

FW 226.93

Corrosive/Moisture Sensitive



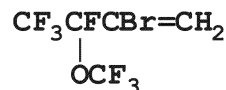
**0172 2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene**

[231291-19-3]

$C_5H_2BrF_7O$

FW 290.96

Irritant



**0173 2-Bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene**

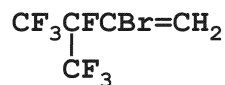
[234443-24-4]

*bp* 74-75°C

$C_5H_2BrF_7$

FW 274.96

Irritant



**0174 3-Bromo-1,1,1-trifluoroacetone**

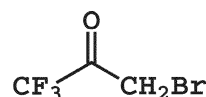
[431-35-6]

*bp* 85-87°C  $n_D^{20}$  1,3760  $d$  1,882 *fp* 5°C

$C_3H_2BrF_3O$

FW 190.95

Corrosive/Flammable/Lachrymatory/Keep Cold



**0175 2-Bromo-1,3,5-trifluorobenzene**

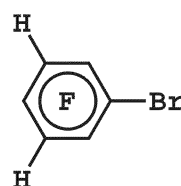
[2367-76-2]

*mp* 3-4°C *bp* 140-141°C  $n_D^{20}$  1,4850  $d$  1,790 *fp* 54°C

$C_6H_2BrF_3$

FW 210.98

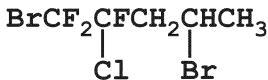
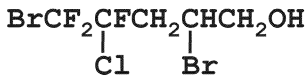
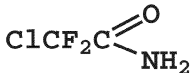
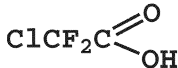
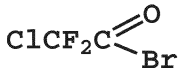
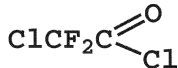
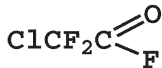
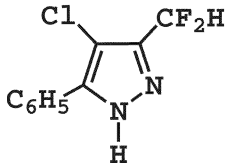
Irritant/Flammable

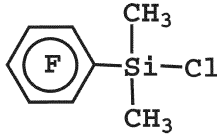
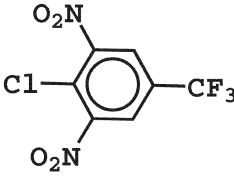
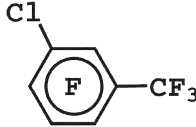
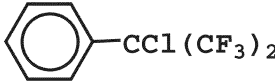


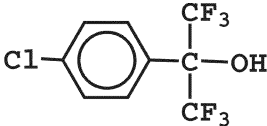
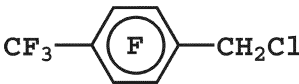
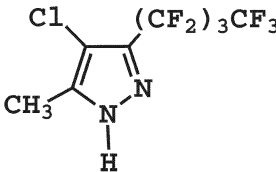
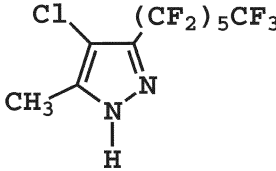
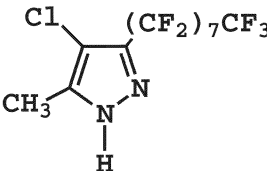


<b>0177</b>	<b>1-Bromo-4,4,4-trifluorobutane</b> [406-81-5] <i>bp</i> 103-105°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3817 <i>d</i> 1,577 C <sub>4</sub> H <sub>6</sub> BrF <sub>3</sub> FW 190.99	<b>CF<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>Br</b>
<b>0178</b>	<b>4-Bromo-1,1,2-trifluorobut-1-ene</b> [10493-44-4] <i>bp</i> 97-98°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4020 <i>d</i> 1,639 <i>fp</i> 17°C C <sub>4</sub> H <sub>4</sub> BrF <sub>3</sub> FW 188.97 Irritant/Flammable	<b>CF<sub>2</sub>=CFCH<sub>2</sub>CH<sub>2</sub>Br</b>
<b>0179</b>	<b>2-Bromo-1,1,1-trifluoroethane</b> [421-06-7] <i>mp</i> -94°C <i>bp</i> 26-27°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3316 <i>d</i> 1,788 <i>fp</i> none C <sub>2</sub> H <sub>2</sub> BrF <sub>3</sub> FW 162.94 Irritant	<b>CF<sub>3</sub>CH<sub>2</sub>Br</b>
<b>0180</b>	<b>6-Bromo-1,1,2-trifluorohex-1-ene</b> [126828-29-3] <i>bp</i> 75°C/20 mm Hg C <sub>6</sub> H <sub>6</sub> BrF <sub>3</sub> FW 217.03 Irritant	<b>CF<sub>2</sub>=CF(CH<sub>2</sub>)<sub>3</sub>CH<sub>2</sub>Br</b>
<b>0181</b>	<b>Bromotrifluoromethane</b> [75-63-8] <i>mp</i> -168°C <i>bp</i> -58°C CBrF <sub>3</sub> FW 148.91 Irritant/Non-flammable	<b>CF<sub>3</sub>Br</b>
<b>0182</b>	<b>1-Bromo-3,3,3-trifluoropropane</b> [460-32-2] <i>bp</i> 62-63°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,360 <i>d</i> 1,654 <i>fp</i> >110°C C <sub>3</sub> H <sub>4</sub> BrF <sub>3</sub> FW 176.96 Irritant/Ozone Depleter	<b>CF<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>Br</b>
<b>0183</b>	<b>3-Bromo-1,1,1-trifluoropropan-2-ol</b> [431-34-5] <i>mp</i> -3°C <i>bp</i> 124-125°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4009 <i>d</i> 1,8608 <i>fp</i> 43°C C <sub>3</sub> H <sub>4</sub> BrF <sub>3</sub> O FW 192.96 Irritant/Harmful/Flammable	<b>CF<sub>3</sub>CH(OH)CH<sub>2</sub>Br</b>
<b>0184</b>	<b>2-Bromo-3,3,3-trifluoropropene, 99%</b> [1514-82-5] <i>bp</i> 33-34°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3510 <i>d</i> 1,686 <i>fp</i> none C <sub>3</sub> H <sub>2</sub> BrF <sub>3</sub> FW 174.95 Irritant/Keep Cold	<b>CF<sub>3</sub>CBr=CH<sub>2</sub></b>

<b>0185</b>	<b>tert-Butyl chlorodifluoroacetate</b> [167308-43-2] <i>bp</i> 34-35°C /15 mm Hg <i>d</i> 1,16 $C_6H_9ClF_2O_2$ FW 186.59 Irritant	$ClCF_2C(=O)OC(CH_3)_3$
<b>0187</b>	<b>n-Butyl heptafluorobutyrate, 98%</b> [1559-07-5] <i>bp</i> 133-134°C $n_D^{20}$ 1,3270 <i>d</i> 1,296 $C_8H_9F_7O_2$ FW 270.15 Irritant	$CF_3CF_2CF_2C(=O)O(CH_2)_3CH_3$
<b>0188</b>	<b>tert-Butyl 1,1,2,2-tetrafluoroethyl ether</b> [659-98-3] <i>bp</i> 48°C/188 mm Hg $n_D^{20}$ 1,3270-1,3290 <i>d</i> 1,1122( <i>t</i> =25°C) $C_6H_{10}F_4O$ FW 174.14 Irritant	$HCF_2CF_2OC(CH_3)_3$
<b>0189</b>	<b>n-Butyl 1,1,2,2-tetrafluoroethyl ether</b> [358-37-2] <i>bp</i> 49°C/113 mm Hg $n_D^{20}$ 1,3305 <i>d</i> 1,1147 <i>fp</i> 9,5°C $C_6H_{10}F_4O$ FW 174.14 Flammable	$HCF_2CF_2O(CH_2)_3CH_3$
<b>0191</b>	<b>2-Chloro-1,4-dibromo-1,1,2-trifluorobutane</b> [378-13-2] <i>bp</i> 163-165°C $n_D^{20}$ 1,4563 <i>d</i> 2,035 $C_4H_4Br_2ClF_3$ FW 304.33 Harmful/Irritant	$BrCF_2CF(Cl)CH_2CH_2Br$
<b>0192</b>	<b>2-Chloro-1,4-dibromo-1,1,2-trifluorodecane</b> [461-01-8] <i>bp</i> 125-130°C/12 mm Hg $n_D^{20}$ 1,4612 <i>d</i> 1,558 $C_{10}H_{16}Br_2ClF_3$ FW 388.49 Irritant	$BrCF_2CF(Cl)CH_2CH(Br)(CH_2)_5CH_3$
<b>0193</b>	<b>1-Chloro-1,2-dibromotrifluoroethane</b> [354-51-8] <i>bp</i> 93-94°C $n_D^{20}$ 1,4275 <i>d</i> 2,248 <i>fp</i> none $C_2Br_2ClF_3$ FW 276.28 Irritant/Ozone Depleter	$BrCF_2CF(Br)Cl$
<b>0194</b>	<b>2-Chloro-1,4-dibromo-1,1,2-trifluorooctane</b> [30428-47-8] <i>bp</i> 58°C/0,3 mm Hg $n_D^{20}$ 1,4607 $C_8H_{12}Br_2ClF_3$ FW 360.44 Irritant	$BrCF_2CF(Cl)CH_2CH(Br)(CH_2)_3CH_3$

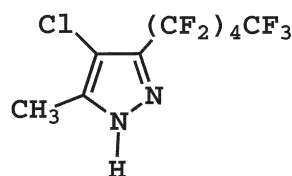
<b>0195</b>	<b>2-Chloro-1,4-dibromo-1,1,2-trifluoropentane</b> [380-57-4] <i>bp</i> 66°C/11 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,456 <i>d</i> 1,89 C <sub>5</sub> H <sub>6</sub> Br <sub>2</sub> ClF <sub>3</sub> FW 318.36 Irritant	
<b>0196</b>	<b>4-Chloro-2,5-dibromo-4,5,5-trifluoropentan-1-ol</b> [757-04-0] <i>bp</i> 135-137°C/17 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,4808 <i>d</i> 1,9838 C <sub>5</sub> H <sub>6</sub> Br <sub>2</sub> ClF <sub>3</sub> O FW 334.36 Irritant	
<b>0197</b>	<b>Chlorodifluoroacetamide</b> [354-28-9] <i>mp</i> 79-81°C <i>bp</i> 93°C/18 mm Hg C <sub>2</sub> H <sub>2</sub> ClF <sub>2</sub> NO FW 129.49 Irritant	
<b>0198</b>	<b>Chlorodifluoroacetic acid</b> [76-04-0] <i>mp</i> 24-26°C <i>bp</i> 121-122°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3559 <i>d</i> 1,550 <i>fp</i> none C <sub>2</sub> HClF <sub>2</sub> O <sub>2</sub> FW 130.48 Corrosive/Lachrymatory	
<b>0199</b>	<b>Chlorodifluoroacetyl bromide</b> [421-45-4] <i>bp</i> 49-50°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3864 <i>d</i> 1,8267 C <sub>2</sub> BrClF <sub>2</sub> O FW 193.38 Corrosive/Moisture Sensitive	
<b>0200</b>	<b>Chlorodifluoroacetyl chloride, 99%</b> [354-24-5] <i>bp</i> 26-27°C <i>d</i> 1,76 C <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> O FW 148.92 Corrosive/Moisture Sensitive	
<b>0201</b>	<b>Chlorodifluoroacetyl fluoride</b> [354-27-8] <i>bp</i> -2°C C <sub>2</sub> ClF <sub>3</sub> O FW 132.47 Corrosive/Moisture Sensitive	
<b>0202</b>	<b>4-Chloro-3(5)-difluoromethyl-5(3)-phenylpyrazole</b> [1029636-02-9]  C <sub>10</sub> H <sub>7</sub> ClF <sub>2</sub> N <sub>2</sub> FW 228.63	

0203	<b>Chlorodimethyl(pentafluorophenyl)silane, 99%</b> [20082-71-7] <i>bp</i> 88-90°C/10 mm Hg $n_D^{20}$ 1,4471 $d$ 1,381( $t=20^\circ\text{C}$ ) <i>fp</i> 95°C $\text{C}_8\text{H}_6\text{ClF}_5\text{Si}$ FW 260.67 Flammable /Corrosive/Moisture Sensitive	
0204	<b>4-Chloro-3,5-dinitrobenzotrifluoride, 98% min</b> [393-75-9] <i>mp</i> 56-58°C <i>fp</i> 126°C $\text{C}_7\text{H}_2\text{ClF}_3\text{N}_2\text{O}_4$ 270.55 Harmful/Irritant/Toxic	
0205	<b>2-Chloroethyl 2-chloro-1,1,2-trifluoroethyl ether</b> [380-45-0] <i>bp</i> 84-85°C/100 mm Hg $n_D^{20}$ 1,3935 $d$ 1,4471 $\text{C}_4\text{H}_5\text{Cl}_2\text{F}_3\text{O}$ FW 196.98 Flammable	$\text{HCFC1CF}_2\text{OCH}_2\text{CH}_2\text{Cl}$
0206	<b>2-Chloroethyl 1,1,2,3,3,3-hexafluoropropyl ether</b> [2926-99-0] <i>bp</i> 46°C/37 mm Hg $n_D^{20}$ 1,3349( $t=25^\circ\text{C}$ ) $d$ 1,4749( $t=25^\circ\text{C}$ ) $\text{C}_5\text{H}_5\text{ClF}_6\text{O}$ 230.54 Irritant	$\text{CF}_3\text{CHF}_2\text{OCH}_2\text{CH}_2\text{Cl}$
0207	<b>2-Chloro-3,3,4,4,5,5,5-heptafluoropent-1-ene</b> [261503-64-4] $\text{C}_5\text{H}_2\text{ClF}_7$ FW 230.51 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CCl}=\text{CH}_2$
0208	<b>3-Chloro-2,4,5,6-tetrafluorobenzotrifluoride</b> [4284-09-7] <i>bp</i> 137-138°C $n_D^{20}$ 1,4064 $d$ 1,7 $\text{C}_7\text{ClF}_7$ FW 252.52 Irritant	
0209	<b>(2-Chlorohexafluoroisopropyl)benzene</b> [16878-50-5] <i>mp</i> -38°C <i>bp</i> 159°C $n_D^{20}$ 1,4495 $d$ 1,5477 $\text{C}_9\text{H}_5\text{ClF}_6$ FW 262.58 Irritant	
0210	<b>2-Chloro-3,4,4,5,5,5-hexafluoro-3-(trifluoromethyl)pent-1-ene</b> [261503-66-6] $\text{C}_6\text{H}_2\text{ClF}_9$ FW 280.52 Irritant	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CCl}=\text{CH}_2$

0211	<b>2-(4-Chlorophenyl)hexafluoropropan-2-ol</b> [2010-63-1] <i>bp</i> 189-191°C $C_9H_5ClF_6O$ FW 278.58 Irritant	
0212	<b>1-Chloro-1-iodo-1H,2H,2H-perfluorooctane</b> [235106-08-8] <i>bp</i> 84°C/28 mm Hg $C_8H_3ClF_{13}I$ FW 508.45 Irritant/Light Sensitive	$CF_3(CF_2)_5CH_2CHClI$
0213	<b>1-Chloro-1-iodotetrafluoroethane, 95%</b> [754-23-4] <i>bp</i> 55-56°C $n_D^{20}$ 1,39 $d$ 1,85 <i>fp</i> none $C_2ClF_4I$ FW 262.37 Light Sensitive/Toxic	$CF_3CFCI$
0214	<b>1-Chloro-2-iodotetrafluoroethane, 95%</b> [421-78-3] <i>bp</i> 56-57°C $n_D^{20}$ 1,3920 $d$ 2 <i>fp</i> none $C_2ClF_4I$ FW 262.37 Light Sensitive/Cancirogen/Keep Cold	$ClCF_2CF_2I$
0215	<b>2,3,5,6-Tetrfluoro-4-(trifluoromethyl)benzyl chloride</b> [248262-31-9] <i>bp</i> 56-57°C/8 mm Hg $C_8H_2ClF_7$ FW 266.55	
0216	<b>4-Chloro-5(3)-methyl-3(5)-(nonafluorobutyl)pyrazole</b> [247220-82-2] $C_8H_4ClF_9N_2$ FW 334.57	
0217	<b>4-Chloro-5(3)-methyl-3(5)-(perfluorohexyl)pyrazole</b> [244022-66-0] $C_{10}H_4ClF_{13}N_2$ FW 434.59	
0218	<b>4-Chloro-5(3)-methyl-3(5)-(perfluorooctyl)pyrazole</b> [232587-49-4] $C_{12}H_4ClF_{17}N_2$ FW 534.60	

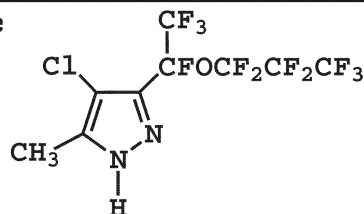
**0219 4-Chloro-5(3)-methyl-3(5)-(perfluoropentyl)pyrazole**  
[247220-87-7]

$C_9H_4ClF_{11}N_2$   
FW 384.58



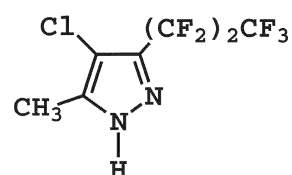
**0220 4-Chloro-5(3)-methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole**  
[247113-93-5]

$C_9H_4ClF_{11}N_2O$   
FW 400.58



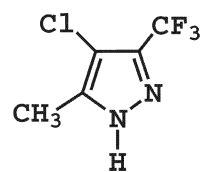
**0221 4-Chloro-3(5)-heptafluoropropyl-5(3)-methylpyrazole**  
[247170-22-5]

$C_7H_4ClF_7N_2$   
FW 284.56



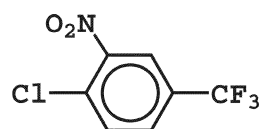
**0222 4-Chloro-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole**  
[235106-12-4]

*mp* 80-81°C  
 $C_5H_4ClF_3N_2$   
FW 184.55



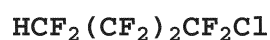
**0223 4-Chloro-3-nitrobenzotrifluoride**  
[121-17-5]

*mp* -3°C *bp* 94-96°C/10 mm Hg  $n_D^{20}$  1,4895-1,4902  $d$  1,5421 *fp* 101°C  
 $C_7H_3ClF_3NO_2$   
FW 225.55  
Harmful/Irritant



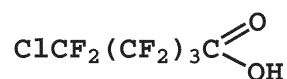
**0224 1-Chloro-4H-octafluorobutane**  
[423-31-4]

*bp* 50-52°C  $n_D^{20}$  1,292-1,3  $d$  1,607  
 $C_4HClF_8$   
*bp* 236.49  
Irritant



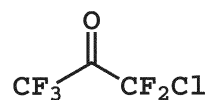
**0225 5-Chlorooctafluoropentanoic acid**  
[66443-79-6]

*bp* 95-96°C  $n_D^{20}$  1,332  
 $C_5HClF_8O_2$   
FW 280.50  
Corrosive/Irritant



**0226 Chloropentafluoroacetone**  
[79-53-8]

*bp* 10°C  $d$  1,43  
 $C_3ClF_5O$   
FW 182.48  
Highly Toxic/Irritant



**0227 Chloropentafluoroacetone monohydrate**

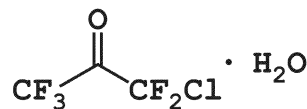
[6984-99-2] [2036-62-6]

*mp* 26-26,5°C *bp* 105°C *d* 1,63

C<sub>3</sub>ClF<sub>5</sub>O·H<sub>2</sub>O

FW 200.49

Toxic



**0228 Chloropentafluorobenzene**

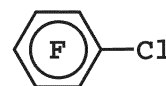
[344-07-0]

*mp* -15°C *bp* 116-118°C *n*<sub>D</sub><sup>20</sup> 1,4230-1,4251 *d* 1,6425 *fp* none

C<sub>6</sub>ClF<sub>5</sub>

FW 202.51

Irritant

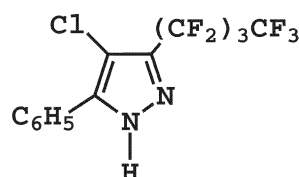


**0229 4-Chloro-3(5)-nonafluorobutyl-5(3)-phenylpyrazole**

[1029636-15-4]

C<sub>13</sub>H<sub>6</sub>ClF<sub>9</sub>N<sub>2</sub>

FW 396.64



**0230 7-Chloroperfluoroheptanoic acid**

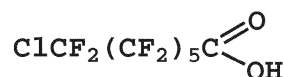
[1550-24-9]

*mp* 42-43°C *bp* 196-198°C *n*<sub>D</sub><sup>20</sup> 1,324

C<sub>7</sub>HClF<sub>12</sub>O<sub>2</sub>

FW 380.52

Corrosive/Irritant



**0231 7-Chloroperfluoroheptanoyl chloride**

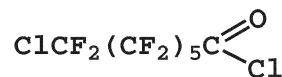
[662-62-4]

*bp* 141-142°C *n*<sub>D</sub><sup>20</sup> 1,3267-1,3288 *d* 1,73

C<sub>7</sub>Cl<sub>2</sub>F<sub>12</sub>O

FW 398.96

Corrosive/Moisture Sensitive



**0232 7-Chloroperfluoroheptanoyl fluoride**

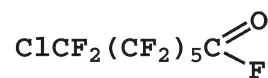
[662-63-5]

*bp* 46°C/55 mm Hg *n*<sub>D</sub><sup>20</sup> 1,298(*t*=25°C)

C<sub>7</sub>ClF<sub>13</sub>O

FW 382.51

Corrosive/Moisture Sensitive



**0233 1-Chloro-6H-perfluorohexane**

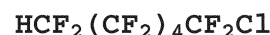
[307-22-2]

*bp* 99-100°C *n*<sub>D</sub><sup>20</sup> 1,3012-1,3020 *d* 1,719

C<sub>6</sub>HClF<sub>12</sub>

FW 336.51

Irritant

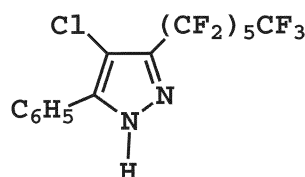


**0234 4-Chloro-3(5)-perfluorohexyl-5(3)-phenylpyrazole**

[1029636-11-0]

C<sub>15</sub>H<sub>6</sub>ClF<sub>13</sub>N<sub>2</sub>

FW 496.66



**0235 2-Chloro-2-(trifluoromethyl)perfluoropentane**

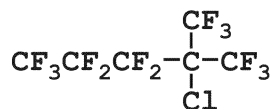
[67437-97-2]

*bp* 83-84°C *n*<sub>D</sub><sup>20</sup> 1,292

C<sub>6</sub>ClF<sub>13</sub>

FW 354.50

Irritant



**0236 9-Chloroperfluorononanoic acid, 95%**

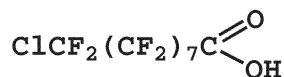
[865-79-2]

*mp* 83-84°C *bp* 120°C/7 mm Hg

C<sub>9</sub>HClF<sub>16</sub>O<sub>2</sub>

FW 480.53

Corrosive



**0237 9-Chloroperfluorononanoyl chloride**

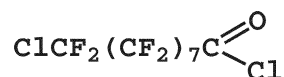
[2925-59-9]

*bp* 80°C/20 mm Hg *n*<sub>D</sub><sup>20</sup> 1,3262

C<sub>9</sub>Cl<sub>2</sub>F<sub>16</sub>O

FW 498.98

Corrosive/Moisture Sensitive



**0238 1-Chloro-8H-perfluorooctane**

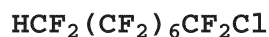
[423-53-0]

*bp* 144-145°C *n*<sub>D</sub><sup>20</sup> 1,3095 *d* 1,778

C<sub>8</sub>HClF<sub>16</sub>

FW 436.52

Irritant



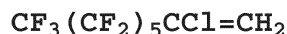
**0239 2-Chloro-1H,1H-perfluorooct-1-ene**

[261503-26-8]

C<sub>8</sub>H<sub>2</sub>ClF<sub>13</sub>

FW 380.54

Irritant

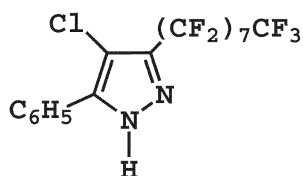


**0240 4-Chloro-3(5)-perfluorooctyl-5(3)-phenylpyrazole**

[1029636-05-2]

C<sub>17</sub>H<sub>6</sub>ClF<sub>17</sub>N<sub>2</sub>

FW 596.67



**0241 5-Chlorooctafluoropentanoyl chloride**

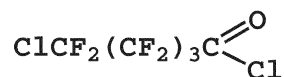
[3110-03-0]

*bp* 95-96°C *n*<sub>D</sub><sup>20</sup> 1,3282-1,3298

C<sub>5</sub>Cl<sub>2</sub>F<sub>8</sub>O

FW 298.95

Corrosive/Moisture Sensitive



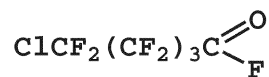
**0242 5-Chlorooctafluoropentanoyl fluoride**

[261503-68-8]

C<sub>5</sub>ClF<sub>9</sub>O

FW 282.49

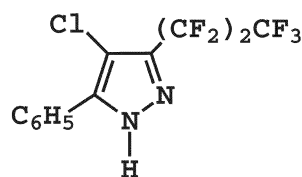
Corrosive/Moisture Sensitive





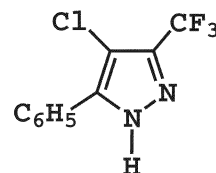
**0243 4-Chloro-3(5)-heptafluoropropyl-5(3)-phenylpyrazole**  
[247220-85-5]

$C_{12}H_6ClF_7N_2$   
FW 346.63



**0244 4-Chloro-5(3)-phenyl-3(5)-(trifluoromethyl)pyrazole**  
[235106-13-5]

$C_{10}H_6ClF_3N_2$   
FW 246.62



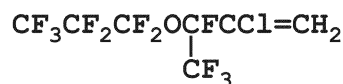
**0245 1-Chloro-2,3,5,6-tetrafluorobenzene, 99%**  
[1835-61-6]

*bp* 125-126°C/739 mm Hg  $n_D^{20}$  1,4420  $d$  1,538 *fp* 42°C  
 $C_6HClF_4$   
FW 184.52  
Irritant



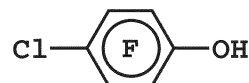
**0246 2-Chloro-3-heptafluoropropoxy-3,4,4,4-tetrafluorobut-1-ene**  
[261503-69-9]

$C_7H_2ClF_{11}O$   
FW 346.53  
Irritant



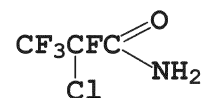
**0247 4-Chlorotetrafluorophenol**  
[4232-66-0]

*mp* 37-38°C *bp* 176-178°C  $n_D^{20}$  1,4758  
 $C_6HClF_4O$   
FW 200.52  
Corrosive/Stench



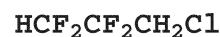
**0248 2-Chlorotetrafluoropropionamide**  
[6066-47-3]

*mp* 92-93°C  $d$  1,85  
 $C_3H_2ClF_4NO$   
FW 179.50  
Irritant



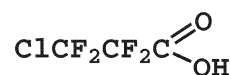
**0249 3-Chloro-1,1,2,2-tetrafluoropropane**  
[679-85-6]

*mp* -110°C *bp* 52-53°C  $n_D^{20}$  1,3240  $d$  1,4460  
 $C_3H_3ClF_4$   
FW 150.50



**0250 3-Chlorotetrafluoropropionic acid**  
[661-82-5]

*bp* 130-131°C  $n_D^{20}$  1,3390  $d$  1,66  
 $C_3HClF_4O_2$   
FW 180.49  
Corrosive/Irritant

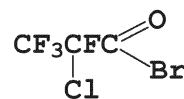


**0251 2-Chlorotetrafluoropropionyl bromide**  
[261503-70-2]

$C_3BrClF_4O$

FW 243.38

Corrosive/Moisture Sensitive



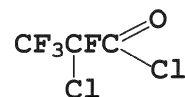
**0252 2-Chlorotetrafluoropropionyl chloride**  
[6066-46-2]

*bp* 47-48,5°C *d* 1,47

$C_3Cl_2F_4O$

FW 198.93

Corrosive/Moisture Sensitive



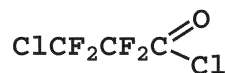
**0253 3-Chlorotetrafluoropropionyl chloride**  
[24503-62-6]

*bp* 49-51°C *n*<sub>D</sub><sup>20</sup> 1,322 *d* 1,6

$C_3Cl_2F_4O$

FW 198.93

Corrosive/Moisture Sensitive



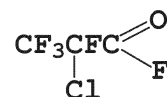
**0254 2-Chlorotetrafluoropropionyl fluoride**  
[28627-00-1]

*bp* 15-17°C

$C_3ClF_5O$

FW 182.48

Corrosive/Moisture Sensitive



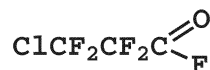
**0255 3-Chlorotetrafluoropropionyl fluoride**  
[5930-66-5]

*bp* 21-23°C

$C_3ClF_5O$

FW 182.48

Corrosive/Moisture Sensitive



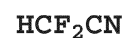
**0256 Difluoroacetonitrile**  
[359-12-6]

*bp* 22-23°C *d* 1,113

$C_2HF_2N$

FW 77.03

Irritant



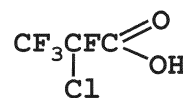
**0257 2-Chlorotetrafluoropropionic acid**  
[6189-02-2]

*bp* 135-136°C *d* 1,5

$C_3HClF_4O_2$

FW 180.49

Corrosive/Irritant

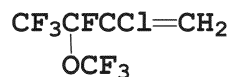


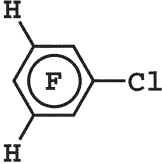
**0258 2-Chloro-3,4,4,4-tetrafluoro-3-(trifluoromethoxy)but-1-ene**  
[261503-71-3]

$C_5H_2ClF_7O$

FW 246.51

Irritant



<b>0259</b>	<b>2-Chloro-3,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene</b> [235106-10-2]  $C_5H_2ClF_7$ FW 230.51 Irritant	$CF_3CFCCl=CH_2$   $CF_3$
<b>0260</b>	<b>1-Chloro-2,4,6-trifluorobenzene</b> [2106-40-3] $mp -1^\circ C$ $bp 123-124^\circ C$ $n_D^{20} 1,4560$ $d 1,463$ $fp 41^\circ C$ $C_6H_2ClF_3$ FW 166.53 Irritant	
<b>0261</b>	<b>4-Chloro-1,1,2-trifluorobut-1-ene</b> [235106-11-3] $d > 1,2$ $C_4H_4ClF_3$ FW 144.52 Flammable/Irritant	$CF_2=CFCH_2CH_2Cl$
<b>0262</b>	<b>2-Chloro-1,1,1-trifluoroethane</b> [75-88-7] $mp -105^\circ C$ $bp 7^\circ C$ $n_D^{20} 1,3090$ $d 1,389$ $C_2H_2ClF_3$ 118.49 Irritant/Ozone Depleter	$CF_3CH_2Cl$
<b>0263</b>	<b>Chlorotrifluoroethene</b> [79-38-9] $mp -157^\circ C$ $bp -28^\circ C$ $d 151(t=-40^\circ C)$ $C_2ClF_3$ FW 116.47 Flammable/Toxic	$CF_2=CFCl$
<b>0264</b>	<b>Ethyl 2-chloro-1,1,2-trifluoroethyl ether</b> [310-71-4] $bp 87^\circ C/725\text{ mm Hg}$ $n_D^{20} 1,3478$ $d 1,273$ $C_4H_6ClF_3O$ FW 162.54 Flammable/Irritant	$HCFC1CF_2OCH_2CH_3$
<b>0265</b>	<b>Methyl 2-chloro-1,1,2-trifluoroethyl ether</b> [425-87-6] $bp 70-71^\circ C$ $n_D^{20} 1,3340$ $d 1,363$ $fp 66^\circ C$ $C_3H_4ClF_3O$ FW 148.51 Harmful/Irritant/Flammable	$HCFC1CF_2OCH_3$
<b>0266</b>	<b>N,N-Diethyl-2-chloro-1,1,2-trifluoroethylamine (Yarovenko's reagent)</b> [357-83-5] $bp 33-34^\circ C/6\text{ mm Hg}$ $d 1,19$ $C_6H_{11}ClF_3N$ FW 189.61 Harmful/Irritant/Flammable	$HCFC1CF_2N(CH_2CH_3)_2$

**0267 3-Chloro-1,1,1-trifluoropropane**

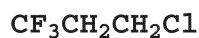
[460-35-5]

*bp* 45-46°C *n*<sub>D</sub><sup>20</sup> 1,3350 *d* 1,327 *fp* none

C<sub>3</sub>H<sub>4</sub>ClF<sub>3</sub>

FW 132.51

Irritant/Ozone Depleter



**0268 2-Chloro-3,3,3-trifluoropropene**

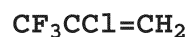
[2730-62-3]

*bp* 14-15°C *d* 1,295 *fp* -16°C

C<sub>3</sub>H<sub>2</sub>ClF<sub>3</sub>

FW 130.50

Irritant



**0269 Copper(II) 1,1,1-trifluoroacetylacetonate**

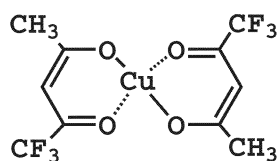
[14324-82-4]

*mp* 198-199°C *bp* 140°C/1 mm Hg

C<sub>10</sub>H<sub>8</sub>CuF<sub>6</sub>O<sub>4</sub>

FW 369.71

Toxic



**0270 Decafluorobenzhydrol**

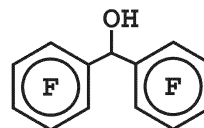
[1766-76-3]

*mp* 79-80°C *bp* 147°C/12 mm Hg

C<sub>13</sub>H<sub>2</sub>F<sub>10</sub>O

FW 364.14

Irritant



**0271 Decafluorobenzophenone**

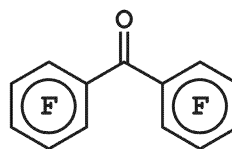
[853-39-4]

*mp* 91-92°C *bp* 80°C/0,001 mm Hg (subl)

C<sub>13</sub>F<sub>10</sub>O

FW 362.13

Irritant



**0272 Decafluorobiphenyl, 99%**

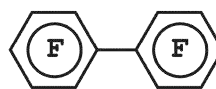
[434-90-2]

*mp* 68-69°C *bp* 206°C *d* 1,785

C<sub>12</sub>F<sub>10</sub>

FW 334.12

Irritant



**0273 4H,4H-Decafluoroheptane-3,5-dione**

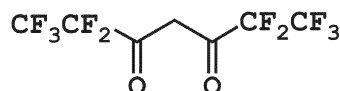
[38007-33-9]

*bp* 96-98°C *d* 1,5

C<sub>7</sub>H<sub>2</sub>F<sub>10</sub>O<sub>2</sub>

FW 308.08

Corrosive/Irritant



**0274 4,4'-Diaminooctafluorobiphenyl**

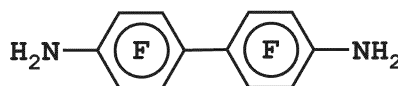
[1038-66-0]

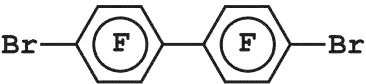
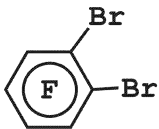
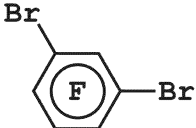

*mp* 175-177°C *d* 1,876

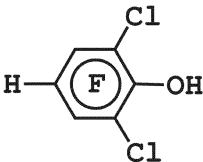
C<sub>12</sub>H<sub>4</sub>F<sub>8</sub>N<sub>2</sub>

FW 328.16

Irritant/Toxic

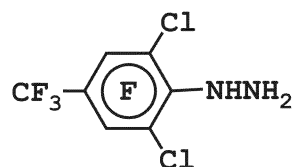


<b>0277</b>	<b>Dibromodifluoromethane</b> [75-61-6] <i>mp</i> -110°C <i>bp</i> 25°C $n_D^{20}$ 1,4016 <i>d</i> 2,297 <i>fp</i> none $\text{CBr}_2\text{F}_2$ FW 209.82 Irritant	$\text{CF}_2\text{Br}_2$
<b>0279</b>	<b>1,2-Dibromohexafluoropropane</b> [661-95-0] <i>mp</i> -95°C <i>bp</i> 71-72°C $n_D^{20}$ 1,3594 <i>d</i> 2,120 <i>fp</i> none $\text{C}_3\text{Br}_2\text{F}_6$ FW 309.83 Harmful/ Irritant/ Ozone Depleter	$\text{CF}_3\text{CBrCF}_2\text{Br}$
<b>0280</b>	<b>2,2-Dibromohexafluoropropane</b> [38568-21-7] <i>mp</i> 52°C <i>bp</i> 75°C $\text{C}_3\text{Br}_2\text{F}_6$ FW 309.83 Irritant	$\text{CF}_3\text{CBr}_2\text{CF}_3$
<b>0281</b>	<b>4,4'-Dibromooctafluorobiphenyl</b> [10386-84-2] <i>mp</i> 112-114°C <i>d</i> 2,324 $\text{C}_{12}\text{Br}_2\text{F}_8$ FW 455.93 Irritant	
<b>0284</b>	<b>1,2-Dibromo-1H,1H,2H-perfluorohexane</b> [236736-19-9] $\text{C}_6\text{H}_3\text{Br}_2\text{F}_9$ FW 405.88 Irritant	$\text{CF}_3(\text{CF}_2)_3\text{CHBrCH}_2\text{Br}$
<b>0285</b>	<b>1,2-Dibromotetrafluorobenzene</b> [827-08-7] <i>mp</i> 14-16°C <i>bp</i> 198°C $n_D^{20}$ 1,515-1,517 <i>d</i> 2,23 <i>fp</i> 98°C $\text{C}_6\text{Br}_2\text{F}_4$ FW 307.87 Irritant	
<b>0286</b>	<b>1,3-Dibromotetrafluorobenzene</b> [1559-87-1] <i>mp</i> 5-7°C <i>bp</i> 86-87°C/18 mm Hg $n_D^{20}$ 1,516-1,519 <i>d</i> 2,237 $\text{C}_6\text{Br}_2\text{F}_4$ FW 307.87 Irritant	
<b>0287</b>	<b>1,4-Dibromotetrafluorobenzene</b> [344-03-6] <i>mp</i> 78-79°C <i>bp</i> 93°C/22 mm Hg $\text{C}_6\text{Br}_2\text{F}_4$ FW 307.87 Irritant	

<b>0288</b>	<b>1,4-Dibromo-1,1,2,2-tetrafluorobutane</b> [18599-20-7] <i>bp</i> 136°C <i>n<sub>D</sub></i> 1,4141( <i>t</i> =25°C) <i>d</i> 1,973 <i>fp</i> none C <sub>4</sub> H <sub>4</sub> Br <sub>2</sub> F <sub>4</sub> FW 287.88 Irritant	<b>BrCF<sub>2</sub>CF<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>Br</b>
<b>0289</b>	<b>2,4-Dibromo-3,3,4,4-tetrafluorobut-1-ene</b> [161958-58-3] <i>bp</i> 62-63°C/114 mm Hg C <sub>4</sub> H <sub>2</sub> Br <sub>2</sub> F <sub>4</sub> FW 285.86 Irritant	<b>BrCF<sub>2</sub>CF<sub>2</sub>CBr=CH<sub>2</sub></b>
<b>0290</b>	<b>1,1-Dibromotetrafluoroethane</b> [27336-23-8] <i>bp</i> 46-47°C <i>n<sub>D</sub><sup>20</sup></i> 1,3708 <i>d</i> 2,188 C <sub>2</sub> Br <sub>2</sub> F <sub>4</sub> FW 259.82 Irritant	<b>CF<sub>3</sub>CFBr<sub>2</sub></b>
<b>0291</b>	<b>1,2-Dibromotetrafluoroethane (Freon 114 B2)</b> [124-73-2] <i>mp</i> -112°C <i>bp</i> 47°C <i>n<sub>D</sub><sup>20</sup></i> 1,371 <i>d</i> 2,149 C <sub>2</sub> Br <sub>2</sub> F <sub>4</sub> FW 259.82 Irritant/Ozone Depleter	<b>BrCF<sub>2</sub>CF<sub>2</sub>Br</b>
<b>0292</b>	<b>1,2-Dibromo-3,3,3-trifluoropropane</b> [431-21-0] <i>bp</i> 115-116°C <i>n<sub>D</sub><sup>20</sup></i> 1,4285 <i>d</i> 2,121 <i>fp</i> none C <sub>3</sub> H <sub>3</sub> Br <sub>2</sub> F <sub>3</sub> FW 255.86 Irritant/Ozone Depleter	<b>CF<sub>3</sub>CHCH<sub>2</sub>Br</b>   <b>Br</b>
<b>0293</b>	<b>1,2-Dichloro-1,1-difluoroethane</b> [1649-08-7] <i>mp</i> -101°C <i>bp</i> 46-47°C <i>n<sub>D</sub><sup>20</sup></i> 1,3622 <i>d</i> 1,4163 C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> FW 134.94 Irritant/Ozone Depleter	<b>ClCF<sub>2</sub>CH<sub>2</sub>Cl</b>
<b>0294</b>	<b>1,2-Dichlorodifluoroethylene (E/Z isomer mixture)</b> [311-81-9] <i>bp</i> 21-22°C <i>d</i> 1,494 C <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> FW 132.92 Irritant/Toxic	<b>ClCF=CFCl</b>
<b>0295</b>	<b>2,6-Dichloro-3,5-difluorophenol</b> [63418-08-6] <i>mp</i> 50°C <i>bp</i> 107°C/3 mm Hg <i>n<sub>D</sub><sup>20</sup></i> 1,5310 C <sub>6</sub> H <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> O FW 198.98 Corrosive/Irritant	

**0296 2,6-Dichloro-3,5-difluoro-4-(trifluoromethyl)phenylhydrazine**  
 [111234-64-1]

$C_7H_3Cl_2F_5N_2$   
 FW 281.01  
 Irritant


**0297 2,3-Dichlorohexafluorobut-2-ene**

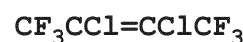
[303-04-8] (E)[2418-21-5] (Z)[2418-22-6]

*mp* -67°C *bp* 67-68°C  $n_D^{20}$  1,3459 *d* 1,6203 *fp* none

$C_4Cl_2F_6$

FW 232.94

Corrosive/Highly Toxic


**0299 1,2-Dichlorohexafluoropropane**

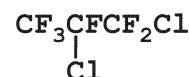
[661-97-2]

*mp* -136°C *bp* 34-35°C  $n_D^{20}$  1,3035 *d* 1,5896

$C_3Cl_2F_6$

FW 220.93

Harmful/Ozone Depleter


**0300 3,5-Dichloro-2,4,6-trifluorobenzotrifluoride**

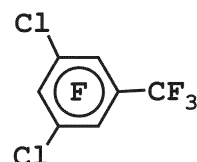
[4284-10-0]

*bp* 169-170°C  $n_D^{20}$  1,4456 *d* 1,715

$C_7Cl_2F_6$

FW 268.97

Irritant


**0301 1,2-Dichloro-2-iodotrifluoroethane, 93%**

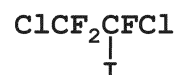
[354-61-0]

*bp* 100-101°C  $n_D^{20}$  1,4490 *d* 2,2

$C_2Cl_2F_3I$

FW 278.83

Irritant/Light Sensitive


**0302 1,4-Dichlorooctafluorobutane**

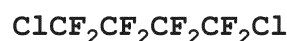
[355-24-8]

*bp* 64,0-65,6°C  $n_D^{20}$  1,3055

$C_4Cl_2F_8$

FW 270.94

Irritant


**0303 2,3-Dichlorooctafluorobutane**

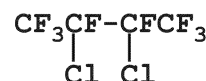
[355-20-4]

*mp* -68°C *bp* 62-63°C  $n_D^{20}$  1,3130 *d* 1,680

$C_4Cl_2F_8$

FW 270.94

Harmful/Irritant


**0304 1,2-Dichloro-1,1,3,3,3-pentafluoropropane**

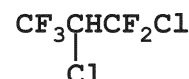
[431-86-7]

*bp* 50°C  $n_D^{20}$  1,323 *d* 1,560

$C_3HCl_2F_5$

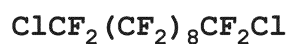
FW 202.94

Harmful/Ozone Depleter



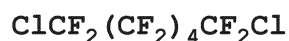
**0305 1,10-Dichloroperfluorodecane**  
[156186-28-6]

$C_{10}Cl_2F_{20}$   
FW 570.98  
Irritant



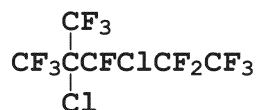
**0306 1,6-Dichloroperfluorohexane**  
[355-40-8]

*bp* 114-116°C  $n_D^{20}$  1,3217( $t=25^\circ C$ )  
 $C_6Cl_2F_{12}$   
FW 370.95  
Irritant



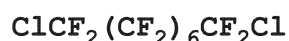
**0307 2,3-Dichlorononafluoro-2-(trifluoromethyl)pentane**  
[80201-33-8]

*bp* 112,5°C  
 $C_6Cl_2F_{12}$   
FW 370.95  
Irritant



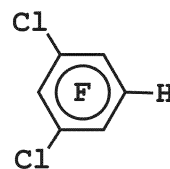
**0308 1,8-Dichloroperfluorooctane**  
[647-25-6]

*bp* 151°C  $n_D^{20}$  1,3121  
 $C_8Cl_2F_{16}$   
FW 470.97  
Irritant



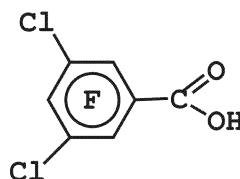
**0309 2,4-Dichloro-1,3,5-trifluorobenzene**  
[2368-53-8]

*mp* -11°C *bp* 166-167°C  $n_D^{20}$  1,4870  $d$  1,599 *fp* 76°C  
 $C_6HCl_2F_3$   
FW 200.97  
Irritant



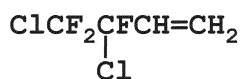
**0310 3,5-Dichloro-2,4,6-trifluorobenzoic acid**  
[13656-36-5]

*mp* 142-143°C  
 $C_7HCl_2F_3O_2$   
FW 244.98  
Corrosive/Irritant



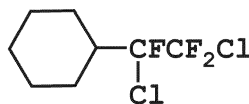
**0311 3,4-Dichloro-3,4,4-trifluorobut-1-ene**  
[374-26-5]

*bp* 79°C  $n_D^{20}$  1,3769  $d$  1,348  
 $C_4H_3Cl_2F_3$   
FW 178.97  
Irritant

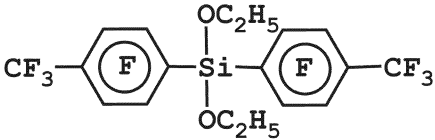



**0312 (1,2-Dichlorotrifluoroethyl)cyclohexane**  
[219904-98-0]

*bp* 96°C/35 mm Hg  
 $C_8H_{11}Cl_2F_3$   
FW 235.08





<b>0313</b>	<b>1,2-Dichloro-4-iodo-1,1,2-trifluorobutane, 95%</b> [679-69-6] <i>bp</i> 169-171°C $n_D^{20}$ 1,4720 $d$ 1,990 $C_4H_4Cl_2F_3I$ FW 306.88 Irritant	$\begin{array}{c} ClCF_2CFCH_2CH_2I \\   \\ Cl \end{array}$
<b>0314</b>	<b>1,2-Dichloro-1,1,2-trifluorooctane</b> [219904-94-6] <i>bp</i> 78-79°C/15 mm Hg $C_8H_{13}Cl_2F_3$ FW 237.09	$\begin{array}{c} ClCF_2CF(CH_2)_5CH_3 \\   \\ Cl \end{array}$
<b>0315</b>	<b>1,2-Dichloro-1,1,2-trifluorooct-3-ene</b> [219904-95-7] <i>bp</i> 77-78°C/17 mm Hg $C_8H_{11}Cl_2F_3$ FW 235.08	$\begin{array}{c} ClCF_2CFCH=CH(CH_2)_3CH_3 \\   \\ Cl \end{array}$
<b>0316</b>	<b>2,2-Dichloro-1,1,1-trifluorooct-3-ene</b> [261503-33-7] $C_8H_{11}Cl_2F_3$ FW 235.08	$\begin{array}{c} Cl \\   \\ CF_3CCH=CH(CH_2)_3CH_3 \\   \\ Cl \end{array}$
<b>0317</b>	<b>1,2-Dichloro-1,1,2-trifluoropentane</b> [261503-34-8] $C_5H_7Cl_2F_3$ FW 195.01	$\begin{array}{c} ClCF_2CFCH_2CH_2CH_3 \\   \\ Cl \end{array}$
<b>0318</b>	<b>1,2-Dichloro-3,3,3-trifluoropropane</b> [338-75-0] <i>bp</i> 76-77°C $n_D^{20}$ 1,367-1,3704 $d$ 1,4310 $C_3H_3Cl_2F_3$ FW 166.96 Irritant	$\begin{array}{c} CF_3CHCH_2Cl \\   \\ Cl \end{array}$
<b>0319</b>	<b>Diethoxy[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane</b> [841313-56-2] $C_{18}H_{10}F_{14}O_2Si$ FW 552.34 Irritant	
<b>0320</b>	<b>1,4-Diethoxytetrafluorobenzene</b> [16251-00-6] <i>mp</i> 49-50°C $C_{10}H_{10}F_4O_2$ FW 238.18 Irritant	

**0322 4-Diethylamino-1,1,1-trifluorobut-3-en-2-one**

[21045-62-5]

*mp* 12-13°C *bp* 97-98°C/2 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4879

C<sub>8</sub>H<sub>12</sub>F<sub>3</sub>NO

FW 195.18

Irritant



**0323 N,N-Diethyl-1,1,2,3,3,3-hexafluoropropylamine (Ishikawa's reagent)**

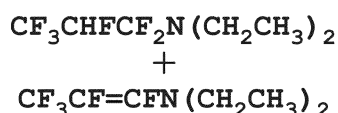
[309-88-6]+ [363-75-7]

*bp* 56-57°C/58 mm Hg *n*<sub>D</sub><sup>20</sup> 1,355 *d* 1,230

C<sub>7</sub>H<sub>11</sub>F<sub>6</sub>N

FW 223.16

Corrosive



**0324 Difluoroacetic acid, 98%**

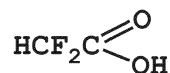
[381-73-7]

*mp* -1°C *bp* 132-134°C *n*<sub>D</sub><sup>20</sup> 1,3428-1,3440 *d* 1,526 *fp* 78°C

C<sub>2</sub>H<sub>2</sub>F<sub>2</sub>O<sub>2</sub>

FW 96.03

Corrosive/Lachrymatory



**0325 Difluoroacetyl chloride**

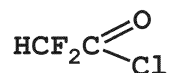
[381-72-6]

*bp* 25-30°C *d* 1,66

C<sub>2</sub>HClF<sub>2</sub>O

FW 114.48

Corrosive/Moisture Sensitive



**0326 1,1-Difluoroacetylacetone**

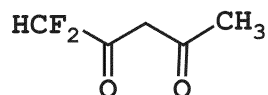
[41739-23-5]

*bp* 132-133°C *d* 1,47

C<sub>5</sub>H<sub>6</sub>F<sub>2</sub>O<sub>2</sub>

FW 136.10

Flammable/Irritant



**0327 (Difluoromethoxy)benzene**

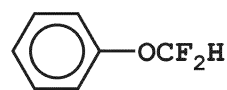
[458-92-4]

*bp* 136-137°C *n*<sub>D</sub><sup>20</sup> 1,4473-1,4497 *d* 1,183 *fp* 38°C

C<sub>7</sub>H<sub>6</sub>F<sub>2</sub>O

FW 144.12

Flammable



**0328 3,4-Difluorobenzyl chloride**

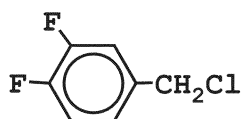
[698-80-6]

*bp* 70°C/15mm Hg

C<sub>7</sub>H<sub>5</sub>ClF<sub>2</sub>

FW 162.57

Corrosive/Lachrymatory



**0329 2,2-Difluoroethanol, 98%**

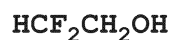
[359-13-7]

*bp* 95-96°C *n*<sub>D</sub><sup>20</sup> 1,3380 *d* 1,296 *fp* 3°C

C<sub>2</sub>H<sub>4</sub>F<sub>2</sub>O

FW 82.05

Flammable/Toxic



<b>0330</b>	<b>2,2-Difluoroethylamine, 98%</b> [430-67-1] <i>bp</i> 68-69°C <i>d</i> 1,15 $C_2H_5F_2N$ FW 81.07 Irritant/Corrosive	$HCF_2CH_2NH_2$
<b>0331</b>	<b>Iododifluoroacetyl fluoride</b> [44507-93-9] <i>bp</i> 40-41°C $n_D^{20}$ 1,3885 <i>d</i> 2,024 $C_2F_3IO$ FW 223.92 Corrosive/Moisture Sensitive	$ICF_2C(=O)F$
<b>0332</b>	<b>4,4-Difluoro-1-(4-methoxyphenyl)butane-1,3-dione, 95%</b> [189347-40-8] $C_{11}H_{10}F_2O_3$ FW 228.19 Irritant	
<b>0333</b>	<b>2-(Difluoromethoxy)toluene</b> [42173-52-4] <i>bp</i> 164-165°C $n_D^{20}$ 1,4548 $C_8H_8F_2O$ FW 158.15 Irritant	
<b>0334</b>	<b>3(5)-Difluoromethyl-5(3)-methylpyrazole</b> [934759-09-8] <i>bp</i> 60-65°C $C_5H_6F_2N_2$ FW 132.11	
<b>0336</b>	<b>3(5)-Difluoromethyl-5(3)-phenylpyrazole</b> [122980-86-3] $C_{10}H_8F_2N_2$ FW 194.18	
<b>0337</b>	<b>1-Phenyl-4,4-difluorobutane-1,3-dione</b> [62679-61-2] <i>mp</i> 37-45°C <i>bp</i> 242-244°C/728 mm Hg $C_{10}H_8F_2O_2$ FW 198.17 Irritant	
<b>0339</b>	<b>4,4'-Di(hydroxy)octafluorobiphenyl hydrate</b> [205926-99-4] component [2200-70-6] <i>mp</i> 209-211°C $C_{12}H_2F_8O_2 \cdot H_2O$ FW 348.15 Irritant	

**0342 1,2-Diiodotetrafluorobenzene, 99%**

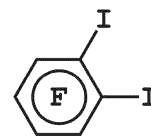
[2708-97-6]

*mp* 49-50°C

C<sub>6</sub>F<sub>4</sub>I<sub>2</sub>

FW 401.87

Irritant



**0343 1,4-Diiodotetrafluorobenzene**

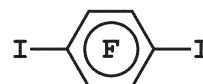
[392-57-4]

*mp* 107-108°C

C<sub>6</sub>F<sub>4</sub>I<sub>2</sub>

FW 401.87

Irritant



**0346 Dimethoxybis(pentafluorophenyl)silane**

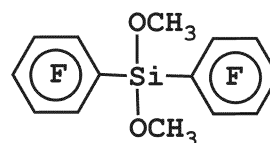
[223668-68-6]

*bp* 215°C *n*<sub>D</sub><sup>20</sup> 1,4181 *d* 1,373

C<sub>14</sub>H<sub>6</sub>F<sub>10</sub>O<sub>2</sub>Si

FW 424.27

Corrosive/Irritant



**0347 1,4-Dimethoxytetrafluorobenzene**

[362-56-1]

*mp* 51-52°C

C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 210.13

Irritant



**0348 Dimethyl perfluoroadipate**

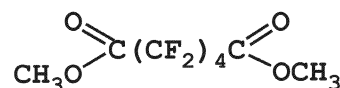
[3107-98-0]

*bp* 121-123°C/50 mm Hg *n*<sub>D</sub><sup>20</sup> 1,3481 *d* 1,548

C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>4</sub>

FW 318.12

Irritant



**0349 1,8-Diiodoperfluorooctane**

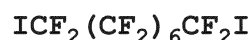
[335-70-6]

*mp* 75-77°C *bp* 112°C/25 mm Hg

C<sub>8</sub>F<sub>16</sub>I<sub>2</sub>

FW 653.17

Irritant



**0351 4-Dimethylaminoheptafluorotoluene**

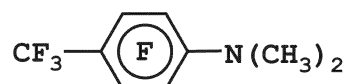
[28012-10-4]

*mp* 36-37°C *bp* 86°C/14 mm Hg

C<sub>9</sub>H<sub>6</sub>F<sub>7</sub>N

FW 261.14

Irritant



**0352 Bis(pentafluorophenyl)dimethylsilane, 99%**

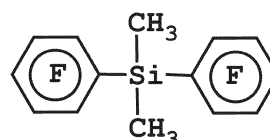
[10536-62-6]

*mp* 31-32°C *bp* 138-140°C/14 mm Hg *d* 1,4611

C<sub>14</sub>H<sub>6</sub>F<sub>10</sub>Si

FW 392.27

Irritant/Corrosive



**0353 4,4'-Dimethyloctafluorobiphenyl**

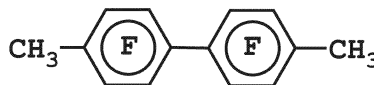
[26475-18-3]

*mp* 148-149°C

$C_{14}H_6F_8$

FW 326.19

Irritant



**0354 1,4-Dimethyltetrafluorobenzene**

[703-87-7]

*mp* 35-37°C *bp* 143-144°C *fp* 47°C

$C_8H_6F_4$

FW 178.13

Irritant



**0355 1,1,1-Trifluoro-5,5-dimethylhexane-2,4-dione**

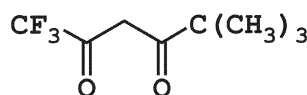
[22767-90-4]

*bp* 138-141°C  $n_D^{20}$  1.4060 *d* 1.129 *fp* 37°C

$C_8H_{11}F_3O_2$

FW 196.17

Flammable/Irritant



**0356 3,5-Dinitrobenzotrifluoride**

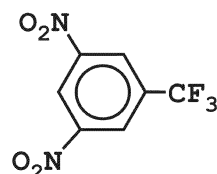
[401-99-0]

*mp* 49-51°C *bp* 127-129°C/9 mm Hg *fp* >110°C

$C_7H_3F_3N_2O_4$

FW 236.11

Harmful/Irritant



**0358 2,6-Dinitro-4-(trifluoromethyl)phenol, 95%**

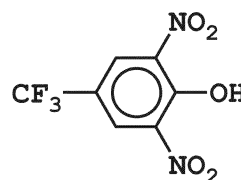
[393-77-1]

*mp* 47-48°C

$C_7H_3F_3N_2O_5$

FW 252.11

Irritant



**0359 1H,1H,7H-Perfluoroheptyl acrylate**

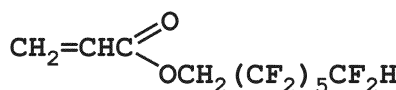
[2993-85-3]

*bp* 107°C/40mm Hg  $n_D^{20}$  1.340-1.342 *d* 1.581 *fp* 101°C

$C_{10}H_6F_{12}O_2$

FW 386.14

Irritant/Keep Cold



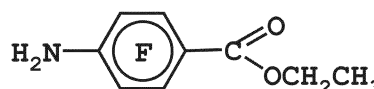
**0362 Ethyl 4-aminotetrafluorobenzoate**

[950-68-5]

*mp* 80-81°C

$C_9H_7F_4NO_2$

FW 237.15



**0363 Ethyl bromodifluoroacetate, 98%**

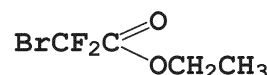
[667-27-6]

*bp* 111-113°C  $n_D^{20}$  1.3870 *d* 1.583 *fp* 21°C

$C_4H_5BrF_2O_2$

FW 202.98

Flammable/Irritant/Toxic



**0364 Ethyl 2-bromotetrafluoropropionate**

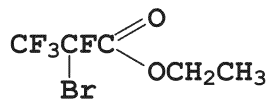
[10186-73-9]

*bp* 122-124°C *d* 1,5

$C_5H_5BrF_4O_2$

FW 252.99

Irritant



**0365 Ethyl chlorodifluoroacetate**

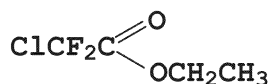
[383-62-0]

*bp* 96-97°C *n*<sub>D</sub><sup>20</sup> 1,3580 *d* 1,252 *fp* 18°C

$C_4H_5ClF_2O_2$

FW 158.53

Flammable/Irritant/Moisture Sensitive



**0366 Ethyl 2-chlorotetrafluoropropionate**

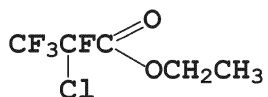
[5829-03-8]

*bp* 104-105°C *n*<sub>D</sub><sup>20</sup> 1,3425 *d* 1,418

$C_5H_5ClF_4O_2$

FW 208.54

Irritant



**0367 Ethyl 3-chlorotetrafluoropropionate**

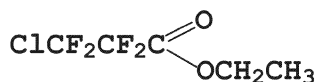
[24482-88-0]

*bp* 93-94°C *n*<sub>D</sub><sup>20</sup> 1,3420 *d* 1,2692

$C_5H_5ClF_4O_2$

FW 208.54

Irritant



**0368 Ethyl 2-chloro-4,4,4-trifluoroacetoacetate**

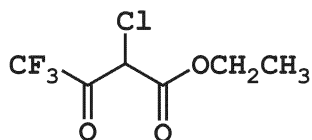
[363-58-6]

*bp* 67-71°C/35mm Hg *n*<sub>D</sub><sup>20</sup> 1,3930 *d* 1,428 *fp* 28°C

$C_6H_6ClF_3O_3$

FW 218.56

Flammable/Harmful



**0369 Ethyl difluoroacetate, 99%**

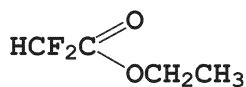
[454-31-9]

*bp* 98-99°C *n*<sub>D</sub><sup>20</sup> 1,3465-1,3485 *d* 1,242 *fp* 25°C

$C_4H_6F_2O_2$

FW 124.09

Flammable/Irritant/Toxic



**0370 Ethyl 4,4-difluoroacetoacetate, 95%**

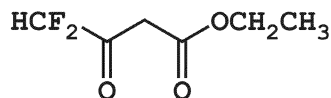
[352-24-9]

*mp* -45,5°C *bp* 160-162°C *n*<sub>D</sub><sup>20</sup> 1,407 *d* 1,61

$C_6H_8F_2O_3$

FW 166.12

Flammable/Irritant



**0371 Ethyl iododifluoroacetate**

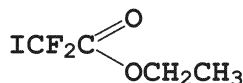
[7648-30-8]

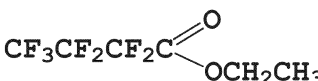
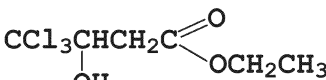
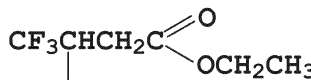
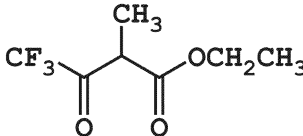
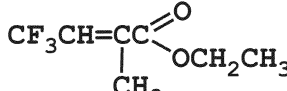
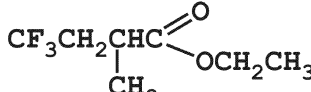
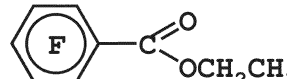
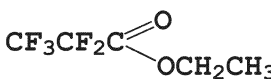
*bp* 72-74°C/70 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4373 *d* 1,7

$C_4H_5F_2IO_2$

FW 249.98

Irritant



<b>0373</b>	<b>Ethyl heptafluorobutyrate, 99%</b> [356-27-4] <i>bp</i> 95-97°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3030 <i>d</i> 1,39 <i>fp</i> 14°C C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub> FW 242.06 Flammable/Irritant	
<b>0374</b>	<b>Ethyl 3-hydroxy-4,4,4-trichlorobutyrate</b> [19486-93-2] <i>mp</i> 56-57°C <i>bp</i> 144-145°C/15 mm Hg C <sub>6</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>3</sub> FW 235.49 Irritant	
<b>0375</b>	<b>Ethyl 3-hydroxy-4,4,4-trifluorobutyrate</b> [372-30-5] <i>mp</i> 23°C <i>bp</i> 80-83°C/15 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3750 <i>d</i> 1,259 <i>fp</i> 85°C C <sub>6</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> FW 186.13 Irritant	
<b>0376</b>	<b>Ethyl 2-methyl-4,4,4-trifluoroacetoacetate</b> [344-00-3] <i>bp</i> 144-146°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3741 <i>d</i> 1,2575 C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> FW 198.14 Flammable/Irritant	
<b>0377</b>	<b>Ethyl 2-methyl-4,4,4-trifluorocrotonate</b> [128227-97-4] (E)[91600-40-7] (Z)[91600-36-1] <i>bp</i> 134-135°C C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>2</sub> FW 182.14 Flammable/Irritant	
<b>0378</b>	<b>Ethyl 2-methyl-4,4,4-trifluorobutyrate</b> [136564-76-6] <i>bp</i> 142-145°C C <sub>7</sub> H <sub>11</sub> F <sub>3</sub> O <sub>2</sub> FW 184.16 Flammable/Irritant	
<b>0379</b>	<b>Ethyl pentafluorobenzoate</b> [4522-93-4] <i>bp</i> 190-192°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4326 <i>d</i> 1,431 <i>fp</i> 80°C C <sub>9</sub> H <sub>5</sub> F <sub>5</sub> O <sub>2</sub> FW 240.13 Flammable	
<b>0380</b>	<b>Ethyl pentafluoropropionate, 99%</b> [426-65-3] <i>bp</i> 75-76°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3010 <i>d</i> 1,299 <i>fp</i> 1°C C <sub>5</sub> H <sub>5</sub> F <sub>5</sub> O <sub>2</sub> FW 192.09 Flammable/Irritant	

**0381 Ethyl perfluoroheptanoate, 99%**

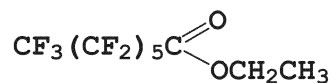
[41430-70-0]

*bp* 87°C/20 mm Hg

C<sub>9</sub>H<sub>5</sub>F<sub>13</sub>O<sub>2</sub>

FW 392.12

Flammable



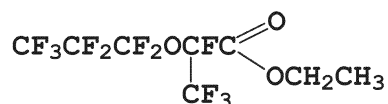
**0382 Ethyl perfluoro(2-methyl-3-oxahexanoate)**

[79851-29-9]

C<sub>8</sub>H<sub>5</sub>F<sub>11</sub>O<sub>3</sub>

FW 358.11

Irritant



**0383 Diphenyl(pentafluorophenyl)phosphine**

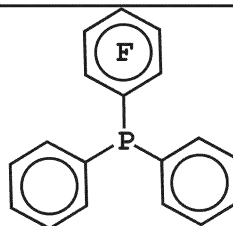
[5525-95-1]

*mp* 72-78°C

C<sub>18</sub>H<sub>10</sub>F<sub>5</sub>P

FW 352.243

Irritant



**0384 Ethyl 9H-perfluorononanoate**

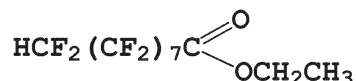
[1799-47-9]

*bp* 122°C/40 mm Hg *n<sub>D</sub>* 1,3203(*t*=25°C)

C<sub>11</sub>H<sub>6</sub>F<sub>16</sub>O<sub>2</sub>

FW 474.14

Flammable



**0385 Ethyl perfluorononanoate, 99%**

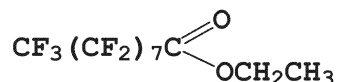
[30377-52-7]

*bp* 105°C/20 mm Hg

C<sub>11</sub>H<sub>5</sub>F<sub>17</sub>O<sub>2</sub>

FW 492.13

Flammable



**0386 Ethyl 5H-octafluoropentanoate, 99%**

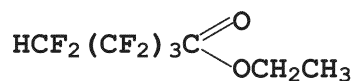
[2795-50-8]

*bp* 140-142°C *n<sub>D</sub>*<sup>20</sup> 1,322 *d* 1,4528

C<sub>7</sub>H<sub>6</sub>F<sub>8</sub>O<sub>2</sub>

FW 274.11

Flammable



**0387 Ethyl nonafluoropentanoate, 99%**

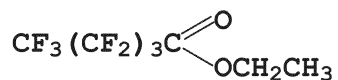
[424-36-2]

*bp* 120-121°C *n<sub>D</sub>*<sup>20</sup> 1,306 *d* 1,43

C<sub>7</sub>H<sub>5</sub>F<sub>9</sub>O<sub>2</sub>

FW 212.10

Flammable



**0388 Ethyl 11H-perfluoroundecanoate**

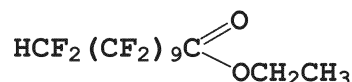
[1649-56-5]

*bp* 118°C/9 mm Hg *d* 1,68

C<sub>13</sub>H<sub>6</sub>F<sub>20</sub>O<sub>2</sub>

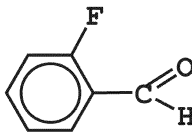
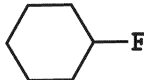
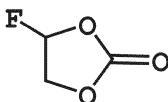
FW 574.16

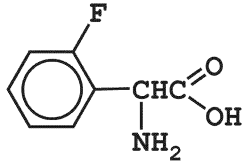
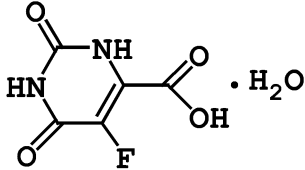
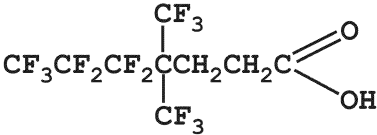
Flammable





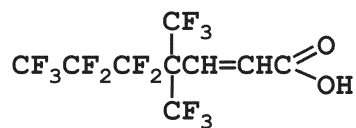
<b>0389</b>	<b>Ethyl 1,1,2,2-tetrafluoroethyl ether</b> [512-51-6] <i>bp</i> 57°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2940 <i>d</i> 1,198 C <sub>4</sub> H <sub>6</sub> F <sub>4</sub> O FW 146.08 Harmful/Flammable	<chem>HCF2CF2OCH2CH3</chem>
<b>0390</b>	<b>Ethyl 2,3,3,3-tetrafluoropropionate</b> [399-92-8] <i>bp</i> 106-107°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3280 <i>d</i> 1,285 C <sub>5</sub> H <sub>6</sub> F <sub>4</sub> O <sub>2</sub> FW 174.10 Irritant	<chem>CF3CHFC(=O)OCH2CH3</chem>
<b>0391</b>	<b>Ethyl trifluoroacetate, 99%</b> [383-63-1] <i>mp</i> <-78°C <i>bp</i> 60-62°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3070 <i>d</i> 1,192 <i>fp</i> -1°C C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 142.08 Flammable/Irritant/Toxic	<chem>CF3C(=O)OCH2CH3</chem>
<b>0392</b>	<b>Ethyl 4,4,4-trifluoroacetoacetate</b> [372-31-6] <i>bp</i> 129-130°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3750 <i>d</i> 1,255 <i>fp</i> 28°C C <sub>6</sub> H <sub>7</sub> F <sub>3</sub> O <sub>3</sub> 184.11 Flammable/Harmful	<chem>CF3C(=O)CC(=O)OCH2CH3</chem>
<b>0393</b>	<b>Ethyl 3-methyl-4,4,4-trifluorobutyrate</b> [6975-13-9] <i>bp</i> 135-136°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3602-1,3631 <i>d</i> 1,148 C <sub>7</sub> H <sub>11</sub> F <sub>3</sub> O <sub>2</sub> FW 184.16 Flammable/Irritant	<chem>CF3CH(CH3)CH2C(=O)OCH2CH3</chem>
<b>0394</b>	<b>Ethyl trifluoropyruvate, 98%</b> [13081-18-0] <i>bp</i> 100-102°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3410 <i>d</i> 1,283 <i>fp</i> 31°C C <sub>5</sub> H <sub>5</sub> F <sub>3</sub> O <sub>3</sub> FW 170.09 Flammable/Irritant	<chem>CF3C(=O)C(=O)OCH2CH3</chem>
<b>0395</b>	<b>Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate</b> [17327-34-3] <i>bp</i> 126-127°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3295 <i>d</i> 1,255 C <sub>7</sub> H <sub>8</sub> F <sub>6</sub> O <sub>2</sub> 238.13 Flammable/Irritant	<chem>CF3CH(CF3)CH2C(=O)OCH2CH3</chem>
<b>0396</b>	<b>Ethyl 4,4,4-trifluoro-3-(trifluoromethyl)crotonate</b> [1513-60-6] <i>bp</i> 127-128°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3410 <i>d</i> 1,3525 <i>fp</i> 43°C C <sub>7</sub> H <sub>6</sub> F <sub>6</sub> O <sub>2</sub> FW 236.11 Flammable/Irritant	<chem>CF3C(CF3)=CHC(=O)OCH2CH3</chem>

<b>0397</b>	<b>Ethyl trifluorovinyl ether</b> [1763-27-5] <i>bp</i> 38-39°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,315 <i>d</i> 1,322 C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O FW 126.08 Irritant	<chem>CH3CH2OCF=CF2</chem>
<b>0401</b>	<b>2-Fluorobenzaldehyde</b> [446-52-6] <i>mp</i> -44,5°C <i>bp</i> 173-175°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,5195-1,5220 <i>d</i> 1,180 <i>fp</i> 55°C C <sub>7</sub> H <sub>5</sub> FO FW 124.11 Air Sensitive/Flammable/Irritant	
<b>0402</b>	<b>1-Fluorobutane</b> [2366-52-1] <i>bp</i> 32-33°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3400 <i>d</i> 0,7735 C <sub>4</sub> H <sub>9</sub> F FW 76.11 Flammable	<chem>CH3CH2CH2CH2F</chem>
<b>0403</b>	<b>Fluorocyclohexane</b> [372-46-3] <i>mp</i> 13°C <i>bp</i> 103-105°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4146 <i>d</i> 0,928 C <sub>6</sub> H <sub>11</sub> F FW 102.15 Flammable/Irritant	
<b>0404</b>	<b>1-Fluorododecane</b> [334-68-9] <i>bp</i> 225-227°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4195 <i>d</i> 0,837 <i>fp</i> 106°C C <sub>12</sub> H <sub>25</sub> F FW 188.33 Flammable	<chem>CH3(CH2)10CH2F</chem>
<b>0405</b>	<b>Fluoroethane</b> [353-36-6] <i>mp</i> -143°C <i>bp</i> -37°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3057( <i>t</i> =-40°C) <i>d</i> 0,8176( <i>t</i> =-40°C) C <sub>2</sub> H <sub>5</sub> F FW 48.06 Flammable	<chem>CH3CH2F</chem>
<b>0406</b>	<b>4-Fluoro-1,3-dioxolan-2-one</b> [114435-02-8] <i>bp</i> 75°C/2 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,4538 <i>fp</i> 102°C C <sub>3</sub> H <sub>3</sub> FO <sub>3</sub> FW 106.05 Irritant	
<b>0407</b>	<b>1-Fluoroheptane</b> [661-11-0] <i>mp</i> -73°C <i>bp</i> 120-121°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3865 <i>d</i> 0,806 <i>fp</i> 14°C C <sub>7</sub> H <sub>15</sub> F FW 118.19 Flammable/ Toxic	<chem>CH3(CH2)5CH2F</chem>

<b>0408</b>	<b>1-Fluorohexane</b> [373-14-8] <i>mp</i> -104°C <i>bp</i> 93-94°C $n_D^{20}$ 1,3755 <i>d</i> 0,800 <i>fp</i> 27°C $C_6H_{13}F$ FW 104.17 Flammable/ Toxic	$CH_3(CH_2)_4CH_2F$
<b>0409</b>	<b>1-Fluorononane</b> [463-18-3] <i>bp</i> 166-169°C $n_D^{20}$ 1,4031 <i>d</i> 0,816 <i>fp</i> 48°C $C_9H_{19}F$ FW 146.25 Irritant	$CH_3(CH_2)_7CH_2F$
<b>0410</b>	<b>1-Fluorooctane</b> [463-11-6] <i>bp</i> 145-146°C $n_D^{20}$ 1,3955 <i>d</i> 0,814 $C_8H_{17}F$ FW 132.22 Irritant	$CH_3(CH_2)_6CH_2F$
<b>0411</b>	<b>1-Fluoropentane</b> [592-50-7] <i>bp</i> 62-63°C $n_D^{20}$ 1,361–1,365 <i>d</i> 0,789 <i>fp</i> -22°C $C_5H_{11}F$ FW 90.14 Flammable/Irritant/Toxic	$CH_3(CH_2)_3CH_2F$
<b>0412</b>	<b>2-Fluorophenylglycine</b> [2343-27-3] <i>mp</i> 290°C ( <i>subl</i> ) $C_8H_8FNO_2$ FW 169.16 Irritant	
<b>0413</b>	<b>5-Fluoroorotic acid monohydrate</b> [703-95-7] <i>mp</i> 255°C ( <i>decomp.</i> ) $C_5H_3FN_2O_4 \cdot H_2O$ FW 192.10 Harmful/Freeze	
<b>0414</b>	<b>1H,1H,1H,3H,3H-Perfluorododecane-2,4-dione</b> [203201-14-3] <i>bp</i> 139-141°C/25 mm Hg $n_D^{20}$ 1,3095 $C_{12}H_5F_{17}O_2$ FW 504.14 Irritant	$CF_3(CF_2)_7C(=O)CH_2C(=O)CH_3$
<b>0415</b>	<b>4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptanoic acid</b> [129991-14-6] <i>mp</i> 42-43°C <i>bp</i> 84°C/0,6 mm Hg $C_9H_5F_{13}O_2$ FW 392.12 Corrosive	

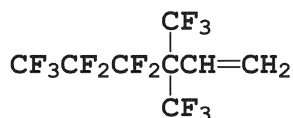
**0416 4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluorohept-2-enoic acid**  
[261503-43-9]

$C_9H_3F_{13}O_2$   
FW 390.10  
Corrosive



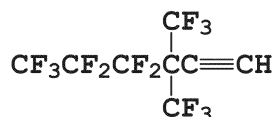
**0417 3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluorohex-1-ene**  
[79272-26-7]

*bp* 101-102°C  
 $C_8H_3F_{13}$   
FW 346.09  
Irritant



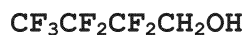
**0418 3,3-Bis(trifluoromethyl)-1H-heptafluorohex-1-yne**  
[261503-44-0]

*bp* 89°C *d* 1,56  
 $C_8HF_{13}$   
FW 344.08  
Irritant



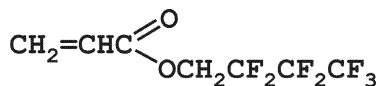
**0419 2,2,3,3,4,4,4-Heptafluorobutan-1-ol, 98%**  
[375-01-9]

*bp* 96-97°C  $n_D^{20} < 1,3000$  *d* 1,596 *fp* 25°C  
 $C_4H_3F_7O$   
FW 200.06  
Flammable/Irritant



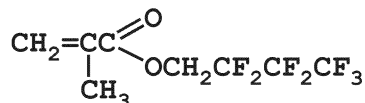
**0420 2,2,3,3,4,4,4-Heptafluorobutyl acrylate, 98%**  
[424-64-6]

*bp* 51°C/50 mm Hg  $n_D^{20} 1,3320$  *d* 1,418 *fp* 31°C  
 $C_7H_5F_7O_2$   
FW 254.10  
Irritant/Lachrymatory



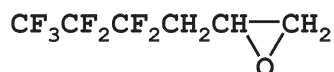
**0422 2,2,3,3,4,4,4-Heptafluorobutyl methacrylate, 98%**  
[13695-31-3]

*bp* 55-56°C/30 mm Hg  $n_D^{20} 1,3420$  *d* 1,345 *fp* 36°C  
 $C_8H_7F_7O_2$   
FW 268.13  
Combustible/Irritant



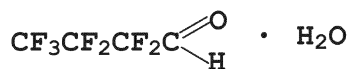
**0423 (2,2,3,3,4,4,4-Heptafluorobutyl)oxirane**  
[1765-92-0]

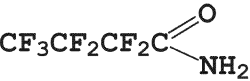
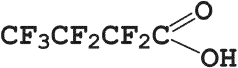
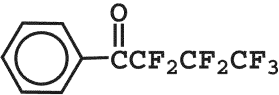
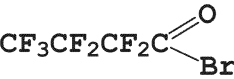
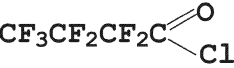
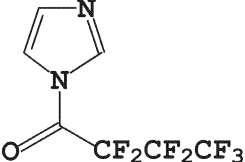
*bp* 111-112°C  $n_D^{20} 1,3169-1,3178$  *d* 1,4723 *fp* 24°C  
 $C_6H_5F_7O$   
FW 226.09  
Irritant



**0424 Heptafluorobutyraldehyde hydrate**  
[375-21-3] [907607-07-2]

*mp* 61°C *bp* 95-96°C  $n_D^{20} 1,3255$  *d* 1,66  
 $C_4H_3F_7O_2$   
FW 216.06  
Irritant



<b>0425</b>	<b>Heptafluorobutyramide, 98%</b> [662-50-0] <i>mp</i> 103-105°C $C_4H_2F_7NO$ FW 213.05 Harmful/Irritant	
<b>0426</b>	<b>Heptafluorobutyric acid, 99%</b> [375-22-4] <i>mp</i> -17°C <i>bp</i> 120-121°C $n_D^{20}$ 1,3082 <i>d</i> 1,572 <i>fp</i> none $C_4HF_7O_2$ FW 214.04 Corrosive/Stench	
<b>0427</b>	<b>Heptafluorobutyric anhydride, 99%</b> [336-59-4] <i>mp</i> -43°C <i>bp</i> 108-109°C $n_D^{20}$ 1,2870 <i>d</i> 1,665 <i>fp</i> none $C_8F_{14}O_3$ FW 410.06 Corrosive/Harmful/Hygroscopic	$(CF_3CF_2CF_2CO)_2O$
<b>0428</b>	<b>Heptafluorobutyronitrile</b> [375-00-8] <i>bp</i> 2-4°C <i>d</i> 1,5 $C_4F_7N$ FW 195.04 Toxic	$CF_3CF_2CF_2CN$
<b>0429</b>	<b>Heptafluoropropyl phenyl ketone</b> [559-91-1] <i>bp</i> 175-176°C $n_D^{20}$ 1,4310 <i>d</i> 1,473 $C_{10}H_5F_7O$ FW 274.14 Irritant	
<b>0430</b>	<b>Heptafluorobutyryl bromide</b> [375-13-3] <i>bp</i> 55-57°C $C_4BrF_7O$ FW 276.94 Corrosive/Lachrymatory/Moisture Sensitive	
<b>0431</b>	<b>Heptafluorobutyryl chloride, 98%</b> [375-16-6] <i>bp</i> 38-39°C $n_D^{20}$ 1,2875-1,2908 <i>d</i> 1,556 <i>fp</i> none $C_4ClF_7O$ FW 232.48 Corrosive/Lachrymatory/Moisture Sensitive/Keep Cold	
<b>0432</b>	<b>N-(Heptafluorobutyryl)imidazole, 98%</b> [32477-35-3] <i>bp</i> 56-58°C/12 mm Hg $n_D^{20}$ 1,3850 <i>d</i> 1,490 $C_7H_3F_7N_2O$ FW 264.10 Irritant/Moisture Sensitive/Keep Cold	

**0433 2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenol**

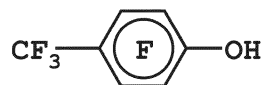
[2787-79-3]

*mp* 25°C *bp* 163-164°C  $n_D^{20}$  1,4140 *d* 1,713 *fp* 82°C

C<sub>7</sub>H<sub>3</sub>F<sub>7</sub>O

FW 234.07

Irritant



**0434 1,1,1,2,2,3,3-Heptafluoro-7,7-dimethyloctane-4,6-dione**

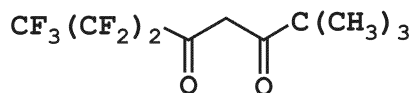
[17587-22-3]

*mp* 38°C *bp* 46-47°C/10 mm Hg  $n_D^{20}$  1,378-1,381 *d* 1,272 *fp* 38

C<sub>10</sub>H<sub>11</sub>F<sub>7</sub>O<sub>2</sub>

FW 296.18

Flammable/Irritant/Keep Cold



**0435 5,5,6,6,7,7,7-Heptafluoroheptan-1-ol**

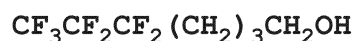
[883543-64-4]

*bp* 76-77°C/16 mm Hg *d* 1,6

C<sub>7</sub>H<sub>9</sub>F<sub>7</sub>O

FW 242.14

Irritant



**0436 5,5,6,6,7,7,7-Heptafluoroheptane-2,4-dione**

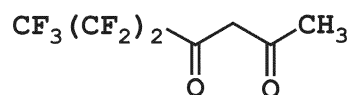
[356-30-9]

*bp* 133-134°C  $n_D^{20}$  1,3646

C<sub>7</sub>H<sub>5</sub>F<sub>7</sub>O<sub>2</sub>

FW 254.10

Irritant



**0437 4,4,5,5,6,6,6-Heptafluorohexane-1,2-diol**

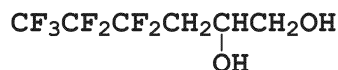
[1992-91-2]

*bp* 114°C/22 mm Hg  $n_D^{20}$  1,3516 *d* 1,581

C<sub>6</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub>

FW 244.11

Irritant



**0438 4,4,5,5,6,6,6-Heptafluorohexanoic acid**

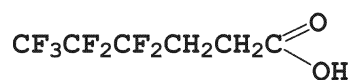
[356-02-5]

*mp* 38-39°C *bp* 101-102°C/20 mm Hg

C<sub>6</sub>H<sub>5</sub>F<sub>7</sub>O<sub>2</sub>

FW 242.09

Corrosive



**0439 4,4,5,5,6,6,6-Heptafluorohexan-1-ol**

[679-02-7]

*bp* 140-141°C/745 mm Hg  $n_D^{20}$  1,3348 *d* 1,492 *fp* >110°C

C<sub>6</sub>H<sub>7</sub>F<sub>7</sub>O

FW 228.11

Irritant



**0440 Heptafluoropent-2-enoic acid**

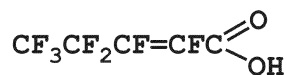
(E)[103229-91-0]

*bp* 152°C

C<sub>5</sub>H<sub>3</sub>F<sub>7</sub>O<sub>2</sub>

FW 226.05

Corrosive




<b>0441</b>	<b>4,4,5,5,6,6,6-Heptafluorohex-2-ene</b> [355-95-3] (E)[1081782-31-1] <i>bp</i> 62°C/743 mm Hg $C_6H_5F_7$ FW 210.09 Irritant	$CF_3CF_2CF_2CH=CHCH_3$
<b>0442</b>	<b>4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol</b> [679-03-8] (E) [37759-88-9] (Z) [37759-87-8] <i>bp</i> 65°C/28 mm Hg $n_D^{20}$ 1,3383 $d$ 1,4729 $C_6H_5F_7O$ FW 226.09 Irritant	$CF_3CF_2CF_2CH=CHCH_2OH$
<b>0443</b>	<b>3,3-Bis(trifluoromethyl)-4,4,5,5,6,6,6-heptafluoro-1-iodohexane</b> [115347-68-7] <i>bp</i> 170°C $d$ 1,78 $n_D$ 1,3570( $t=25^\circ C$ ) $C_8H_4F_{13}I$ FW 474.00 Irritant/Light Sensitive	$CF_3CF_2CF_2C(CF_3)_2CH_2CH_2I$
<b>0445</b>	<b>4-Iodo-1,1,1,2,2,3,3-heptafluorobutane</b> [374-98-1] <i>bp</i> 91-92°C $n_D^{20}$ 1,3625 $d$ 2,054 $C_4H_2F_7I$ FW 309.95 Irritant/Light Sensitive/Toxic	$CF_3CF_2CF_2CH_2I$
<b>0446</b>	<b>1,1,1,2,2,3,3-Heptafluoro-7-iodoheptane, 94%</b> [2967-60-4] <i>bp</i> 115°C/100 mm Hg $n_D$ 1,3984( $t=25^\circ C$ ) $d$ 1,9 $C_7H_8F_7I$ FW 352.03 Irritant	$CF_3CF_2CF_2(CH_2)_3CH_2I$
<b>0447</b>	<b>1,1,1,2,2,3,3-Heptafluoro-5-iodohexane, 96%</b> [261503-73-5] <i>bp</i> 132-133°C $d$ 1,85 $C_6H_6F_7I$ FW 338.01 Irritant	$CF_3CF_2CF_2CH_2CH(I)CH_3$
<b>0448</b>	<b>4,4,5,5,6,6,6-Heptafluoro-2-iodohex-2-en-1-ol</b> [1422-42-0] (E)[92835-82-0] (Z)[92835-92-2] <i>bp</i> 66°C/4 mm Hg $n_D^{20}$ 1,4223 $d$ 2,014 $C_6H_4F_7IO$ FW 351.99 Irritant/Light Sensitive	$CF_3CF_2CF_2CH=C(I)CH_2OH$
<b>0449</b>	<b>1,1,1,2,2,3,3-Heptafluoro-5-iodononane</b> [755-48-6] <i>bp</i> 55°C/10 mm Hg $n_D^{20}$ 1,4040 $d$ 1,3826 $C_9H_{12}F_7I$ FW 380.09 Irritant	$CF_3CF_2CF_2CH_2CH(I)(CH_2)_3CH_3$

0450	<b>1,1,1,2,2,3,3-Heptafluoro-5-iodopentane, 94%</b> [1513-88-8] <i>bp</i> 118-120°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3787 <i>d</i> 1,9210 C <sub>5</sub> H <sub>4</sub> F <sub>7</sub> I FW 323.98 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{I}$
0452	<b>Heptafluoro-1-iodopropane, 96%+</b> [754-34-7] <i>bp</i> 40-41°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3270-1,3281 <i>d</i> 2,056 <i>fp</i> none C <sub>3</sub> F <sub>7</sub> I FW 295.93 Irritant/Light Sensitive/Keep Cold	$\text{CF}_3\text{CF}_2\text{CF}_2\text{I}$
0453	<b>Heptafluoro-2-iodopropane, 99%</b> [677-69-0] <i>bp</i> 40-42°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3237 <i>d</i> 2,077 <i>fp</i> none C <sub>3</sub> F <sub>7</sub> I FW 295.93 Irritant/Light Sensitive/Keep Cold	$\text{CF}_3\text{CFCF}_3$   I
0454	<b>Heptafluoroisopropyl acrylate</b> [13057-08-4] <i>bp</i> 86-88°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3228 <i>d</i> 1,4 C <sub>6</sub> H <sub>3</sub> F <sub>7</sub> O <sub>2</sub> FW 240.08 Irritant	$\text{CH}_2=\text{CHC} \begin{matrix} \text{O} \\ // \\ \text{OCF}(\text{CF}_3)_2 \end{matrix}$
0455	<b>4-(Heptafluoroisopropyl)toluene</b> [2396-26-1] <i>bp</i> 148-149°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3950 C <sub>10</sub> H <sub>7</sub> F <sub>7</sub> FW 260.15 Irritant	$\text{CH}_3-\text{C}_6\text{H}_4-\text{CF}(\text{CF}_3)_2$
0456	<b>1,1,1,2,2,3,3-Heptafluoronon-4-ene</b> (E)[57325-40-3] (Z)[57325-39-0] <i>bp</i> 77°C/138 mm Hg <i>n</i> <sub>D</sub> 1,34( <i>t</i> =25°C) C <sub>9</sub> H <sub>11</sub> F <sub>7</sub> 252.18 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$
0457	<b>3,3,4,4,5,5,5-Heptafluoropentanal</b> [126015-32-5] <i>bp</i> 89-90°C C <sub>5</sub> H <sub>3</sub> F <sub>7</sub> O FW 212.07 Air Sensitive/Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{C} \begin{matrix} \text{O} \\ // \\ \text{H} \end{matrix}$
0459	<b>3,3,4,4,5,5,5-Heptafluoropentan-1-ol</b> [755-40-8] <i>bp</i> 125-128°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3151 <i>d</i> 1,506 C <sub>5</sub> H <sub>5</sub> F <sub>7</sub> O FW 214.08 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{OH}$



<b>0460</b>	<b>3,3,4,4,5,5,5-Heptafluoropentan-2-ol</b> [375-14-4] <i>bp</i> 101-102°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3150 <i>d</i> 1,483 C <sub>5</sub> H <sub>5</sub> F <sub>7</sub> O FW 214.08 Combustible	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{OH}}{\text{CH}}\text{CH}_3$
<b>0461</b>	<b>Methyl heptafluoropropyl ketone</b> [355-17-9] <i>bp</i> 63-64°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,29-1,30 <i>d</i> 1,424 C <sub>5</sub> H <sub>3</sub> F <sub>7</sub> O FW 212.07 Flammable/Irritant/Moisture Sensitive	$\text{CF}_3\text{CF}_2\text{CF}_2\overset{\text{O}}{\underset{\text{CH}_3}{\text{C}}}$
<b>0462</b>	<b>3,3,4,4,5,5,5-Heptafluoropent-1-ene</b> [355-08-8] <i>bp</i> 31-32°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2752 <i>d</i> 1,3391 <i>fp</i> none C <sub>5</sub> H <sub>3</sub> F <sub>7</sub> FW 196.07	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CH}_2$
<b>0463</b>	<b>3,3,4,4,5,5,5-Heptafluoropent-1-yne</b> [80337-25-3] <i>bp</i> 18-20°C/710 mm Hg <i>d</i> 1,42 C <sub>5</sub> HF <sub>7</sub> FW 194.05 Flammable	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}\equiv\text{CH}$
<b>0465</b>	<b>4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorobutane</b> [243128-38-3] C <sub>7</sub> H <sub>4</sub> F <sub>11</sub> IO FW 440.00 Irritant/Light Sensitive	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{CF}_3}{\text{OCF}}\text{CH}_2\text{CH}_2\text{I}$
<b>0467</b>	<b>4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluorooctane</b> [261760-05-8] C <sub>11</sub> H <sub>12</sub> F <sub>11</sub> IO FW 496.10 Irritant/Light Sensitive	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{CF}_3}{\text{OCF}}\text{CH}_2\underset{\text{I}}{\text{CH}}(\text{CH}_2)_3\text{CH}_3$
<b>0468</b>	<b>4-Iodo-2-heptafluoropropoxy-1,1,1,2-tetrafluoropentane</b> [243128-39-4] C <sub>8</sub> H <sub>6</sub> F <sub>11</sub> IO FW 454.02 Irritant/Light Sensitive	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{CF}_3}{\text{OCF}}\text{CH}_2\underset{\text{I}}{\text{CH}}\text{CH}_3$
<b>0469</b>	<b>4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopentan-1-ol</b> [886762-19-2] C <sub>8</sub> H <sub>6</sub> F <sub>11</sub> IO <sub>2</sub> FW 470.02 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{CF}_3}{\text{OCF}}\text{CH}_2\underset{\text{I}}{\text{CH}}\text{CH}_2\text{OH}$

<b>0470</b>	<b>4,4,4,5-Tetrafluoro-4-heptafluoropropoxy-2-iodopent-2-en-1-ol</b> [261760-06-9]	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}=\text{CCH}_2\text{OH}$ $\begin{array}{cc}   &   \\ \text{CF}_3 & \text{I} \end{array}$
	$\text{C}_8\text{H}_4\text{F}_{11}\text{IO}_2$ FW 468.01 Irritant/Light Sensitive	
<b>0471</b>	<b>1,1,1,3,3,3-Hexafluoroisopropyl methacrylate, 99%</b> [3063-94-3] <i>bp</i> 99°C $n_D^{20}$ 1,3310 <i>d</i> 1,320 <i>fp</i> 14°C $\text{C}_7\text{H}_6\text{F}_6\text{O}_2$ FW 236.11 Flammable/Irritant/Lachrymatory	$\text{CH}_2=\text{C}(\text{CH}_3)\text{C}(=\text{O})\text{OCH}(\text{CF}_3)_2$
<b>0472</b>	<b>Hexafluoroacetone, 98%</b> [684-16-2] <i>mp</i> -129°C <i>bp</i> -28°C <i>d</i> 1,320 <i>fp</i> none $\text{C}_3\text{F}_6\text{O}$ FW 166.02 Highly Toxic/Irritant/Hygroscopic	$\text{CF}_3\text{C}(=\text{O})\text{CF}_3$
<b>0473</b>	<b>Hexafluoroacetone sesquihydrate, 98%</b> [13098-39-0] <i>mp</i> 10-15°C <i>bp</i> 104-106°C $n_D^{20}$ 1,306-1,311 <i>d</i> 1,69 $\text{C}_3\text{F}_6\text{O} \cdot 1,6\text{H}_2\text{O}$ FW 194.85 Highly Toxic	$\text{CF}_3\text{C}(=\text{O})\text{CF}_3 \cdot 1.6 \text{H}_2\text{O}$
<b>0474</b>	<b>Hexafluoroacetone trihydrate, 98%</b> [34202-69-2] <i>mp</i> 18-21°C <i>bp</i> 105-106°C $n_D^{20}$ 1,3190 <i>d</i> 1,579 <i>fp</i> none $\text{C}_3\text{F}_6\text{O} \cdot 3\text{H}_2\text{O}$ FW 220.05 Irritant/Toxic	$\text{CF}_3\text{C}(=\text{O})\text{CF}_3 \cdot 3 \text{H}_2\text{O}$
<b>0475</b>	<b>1,1,1,5,5,5-Hexafluoroacetylacetone, 99%</b> [1522-22-1] <i>bp</i> 70-71°C $n_D^{20}$ 1,3320 <i>d</i> 1,486 <i>fp</i> 32°C $\text{C}_5\text{H}_2\text{F}_6\text{O}_2$ FW 208.06 Corrosive/Flammable/Harmful/Hygroscopic	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CF}_3$
<b>0476</b>	<b>Hexafluorobenzene, 99%</b> [392-56-3] <i>mp</i> 4-6°C <i>bp</i> 80-81°C $n_D^{20}$ 1,3780 <i>d</i> 1,616 <i>fp</i> 10°C $\text{C}_6\text{F}_6$ FW 186.06 Flammable/Irritant	
<b>0477</b>	<b>Hexafluorobut-1,3-diene</b> [685-63-2] <i>mp</i> -132°C <i>bp</i> 6-7°C <i>d</i> 1,44( <i>t</i> = -15°C) $\text{C}_4\text{F}_6$ FW 162.03 Flammable	$\text{CF}_2=\text{CFCH}=\text{CF}_2$

<b>0478</b>	<b>2,2,3,4,4,4-Hexafluorobutan-1-ol</b> [382-31-0] <i>bp</i> 114-116°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3120 <i>d</i> 1,564 <i>fp</i> 51°C C <sub>4</sub> H <sub>4</sub> F <sub>6</sub> O FW 182.07 Flammable/Irritant	$\text{CF}_3\text{CHFCF}_2\text{CH}_2\text{OH}$
<b>0479</b>	<b>2,2,3,4,4,4-Hexafluorobutyl acrylate, 99%</b> [54052-90-3] <i>bp</i> 40-43°C/8 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3520 <i>d</i> 1,389 <i>fp</i> 60°C C <sub>7</sub> H <sub>6</sub> F <sub>6</sub> O <sub>2</sub> FW 236.12 Irritant	$\text{CH}_2=\text{CHC}(=\text{O})\text{OCH}_2\text{CF}_2\text{CHFCF}_3$
<b>0480</b>	<b>2,2,3,4,4,4-Hexafluorobutyl methacrylate, 99%</b> [36405-47-7] <i>bp</i> 70°C/50 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3620 <i>d</i> 1,352 <i>fp</i> 56°C C <sub>8</sub> H <sub>8</sub> F <sub>6</sub> O <sub>2</sub> FW 250.14 Harmful/Irritant/Keep Cold	$\text{CH}_2=\text{C}(\text{CH}_3)\text{C}(=\text{O})\text{OCH}_2\text{CF}_2\text{CHFCF}_3$
<b>0481</b>	<b>Hexafluorobut-2-yne</b> [692-50-2] <i>mp</i> -117°C <i>bp</i> -25°C C <sub>4</sub> F <sub>6</sub> FW 162.03 Flammable/Toxic	$\text{CF}_3\text{C}\equiv\text{CCF}_3$
<b>0482</b>	<b>5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)hexane</b> [239464-00-7] C <sub>7</sub> H <sub>6</sub> F <sub>9</sub> I FW 388.02 Irritant	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})\text{CH}_3$
<b>0483</b>	<b>4,5,5,6,6,6-Hexafluoro-4-trifluoromethyl-2-iodohex-2-en-1-ol</b> [261503-77-9] C <sub>7</sub> H <sub>4</sub> F <sub>9</sub> IO FW 402.00 Irritant	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}(\text{I})=\text{CH}_2\text{OH}$
<b>0484</b>	<b>5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)nonane</b> [239464-01-8] C <sub>10</sub> H <sub>12</sub> F <sub>9</sub> I FW 430.10 Irritant	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$
<b>0485</b>	<b>5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)pentane</b> [239464-02-9] <i>bp</i> 130°C C <sub>6</sub> H <sub>4</sub> F <sub>9</sub> I FW 373.99 Irritant	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}_2\text{I}$

**0487 1,1,1,3,3,3-Hexafluoroisopropyl acrylate**

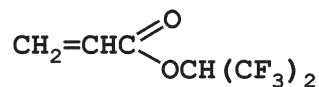
[2160-89-6]

*bp* 84-85°C *n*<sub>D</sub><sup>20</sup> 1,3190 *d* 1,330 *fp* 10°C

C<sub>6</sub>H<sub>4</sub>F<sub>6</sub>O<sub>2</sub>

FW 222.09

Flammable/Irritant/Lachrymatory



**0489 1,1,1,3,3,3-Hexafluoroisopropyl p-toluenesulfonate**

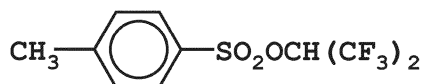
[67674-48-0]

*mp* 39-40°C *bp* 133-134°C/30 mm Hg

C<sub>10</sub>H<sub>8</sub>F<sub>6</sub>O<sub>3</sub>S

FW 322.23

Irritant



**0490 Hexafluoro-2-methylisopropanol**

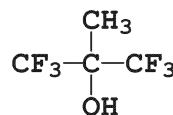
[1515-14-6]

*bp* 60-62°C *n*<sub>D</sub><sup>20</sup> 1,297-1,303 *d* 1,484 *fp* none

C<sub>4</sub>H<sub>4</sub>F<sub>6</sub>O

FW 182.07

Irritant



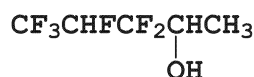
**0491 3,3,4,5,5,5-Hexafluoropentan-2-ol**

[2711-81-1]

*bp* 120-129°C *n*<sub>D</sub><sup>20</sup> 1,324 *d* 1,5

C<sub>5</sub>H<sub>6</sub>F<sub>6</sub>O

FW 196.09



**0492 3,3,4,5,5,5-Hexafluoropentan-2-one**

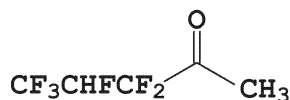
[60249-67-4]

*bp* 78°C *n*<sub>D</sub><sup>20</sup> 1,3059 *d* 1,409

C<sub>5</sub>H<sub>4</sub>F<sub>6</sub>O

FW 194.077

Irritant



**0493 Hexafluoro-2-phenylpropan-2-ol**

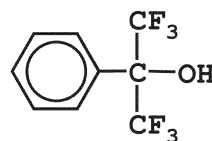
[718-64-9]

*bp* 160°C *n*<sub>D</sub><sup>20</sup> 1,4150 *d* 1,450 *fp* 60°C

C<sub>9</sub>H<sub>6</sub>F<sub>6</sub>O

FW 244.14

Harmful/Irritant



**0494 Hexafluoroisopropanol, 99%+**

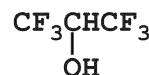
[920-66-1]

*mp* -4°C *bp* 57-59°C *n*<sub>D</sub><sup>20</sup> 1,2750-1,2777 *d* 1,605 *fp* none

C<sub>3</sub>H<sub>2</sub>F<sub>6</sub>O

FW 168.04

Corrosive/Harmful/Irritant



**0495 Hexafluorobenzene, 99,9%**

[392-56-3]

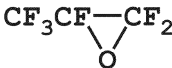
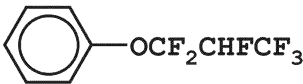
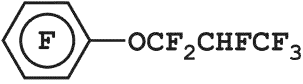
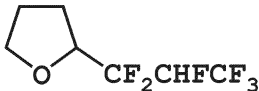
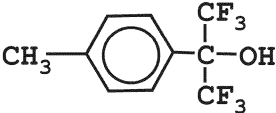
*mp* 4-6°C *bp* 80-81°C *n*<sub>D</sub><sup>20</sup> 1,3780 *d* 1,616 *fp* 10°C

C<sub>6</sub>F<sub>6</sub>

FW 186.06

Flammable/Irritant



<b>0496</b>	<b>Hexafluoropropene</b> [116-15-4] <i>mp</i> -156°C <i>bp</i> -29°C <i>d</i> 1,583( <i>t</i> =-40°C) <i>fp</i> none $C_3F_6$ FW 150.023 Harmful/Irritant	$CF_3CF=CF_2$
<b>0497</b>	<b>Hexafluoropropene oxide</b> [428-59-1] <i>bp</i> -28°C <i>fp</i> none $C_3F_6O$ FW 166.02 Irritant	
<b>0498</b>	<b>Hexafluoropropene trimer (mixture of isomers), 97% min</b> [6792-31-0] <i>bp</i> 110-115°C <i>d</i> 1,830 <i>fp</i> none $C_9F_{18}$ FW 450.07 Irritant	$[CF_3CF=CF_2]_3$
<b>0499</b>	<b>(1,1,2,3,3,3-Hexafluoropropoxy)benzene</b> [357-98-2] <i>bp</i> 95°C/95 mm Hg $n_D^{20}$ 1,3965 <i>d</i> 1,371 $C_9H_6F_6O$ FW 244.14 Irritant	
<b>0500</b>	<b>(1,1,2,3,3,3-Hexafluoropropoxy)pentafluorobenzene</b> [845523-35-5] <i>bp</i> 70°C/40 mm Hg <i>d</i> 1,666 $C_9HF_{11}O$ FW 334.09 Irritant	
<b>0501</b>	<b>1,1,2,3,3,3-Hexafluoropropyl methyl ether, 98%</b> [382-34-3] <i>bp</i> 54-55°C $n_D^{20}$ 1,2802-1,2850 <i>d</i> 1,419 $C_4H_4F_6O$ FW 182.07 Flammable/Irritant	$CF_3CHF CF_2OCH_3$
<b>0502</b>	<b>2-(1,1,2,3,3,3-Hexafluoropropyl)tetrahydrofuran</b> [53005-42-8] <i>bp</i> 136-137°C $n_D^{20}$ 1,3473 <i>d</i> 1,391 $C_7H_8F_6O$ FW 222.13 Irritant	
<b>0503</b>	<b>Hexafluoro-2-(4-methylphenyl)propan-2-ol</b> [2010-61-9] <i>bp</i> 181-182°C $n_D^{20}$ 1,4223-1,4240 <i>d</i> 1,4166 $C_{10}H_8F_6O$ FW 258.16 Irritant	

0504	<b>[2,3,3,4,4,4-Hexafluoro-2-(trifluoromethyl)butyl]oxirane</b> [239463-94-6]	
	C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> O FW 276.10	
0505	<b>4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexanoic acid</b> [239463-95-7] <i>bp</i> 100-101°C/15 mm Hg C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> O <sub>2</sub> FW 292.10 Corrosive	
0506	<b>4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hexan-1-ol, 95%</b> [239463-96-8] <i>bp</i> 83-84°C/35 mm Hg C <sub>7</sub> H <sub>7</sub> F <sub>9</sub> O FW 278.12 Irritant	
0507	<b>Ethyl 4,4,4,4',4'-hexafluoro-DL-valinate</b> [78185-92-9] <i>bp</i> 77-80°C/20 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3592 <i>d</i> 1,41 C <sub>7</sub> H <sub>9</sub> F <sub>6</sub> NO <sub>2</sub> FW 253.14 Irritant	
0508	<b>4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-ene</b> [239463-97-9] C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> FW 260.10	
0509	<b>4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-enoic acid</b> [239463-98-0] C <sub>7</sub> H <sub>3</sub> F <sub>9</sub> O <sub>2</sub> FW 290.09 Corrosive	
0510	<b>4,5,5,6,6,6-Hexafluoro-4-(trifluoromethyl)hex-2-en-1-ol</b> [239463-99-1] C <sub>7</sub> H <sub>5</sub> F <sub>9</sub> O FW 276.10 Irritant	
0511	<b>1,1,1,2,2,3-Hexafluoro-3-(trifluoromethyl)non-4-ene</b> [261503-78-0] C <sub>10</sub> H <sub>11</sub> F <sub>9</sub> FW 302.18	

0512	<b>3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl)pent-1-ene</b> [239795-57-4] <i>bp</i> 52-54°C $C_6H_3F_9$ FW 246.08	
0513	<b>3,4,4,5,5,5-Hexafluoro-3-(trifluoromethyl)pent-1-yne</b> [261503-79-1] $C_6HF_9$ FW 244.06	
0514	<b>Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoyl) fluoride</b> [34761-47-2] <i>bp</i> 200-203°C <i>d</i> 1,8 <i>fp</i> none $C_{15}F_{30}O_5$ FW 830.11 Corrosive/Moisture Sensitive	
0515	<b>N-(2-Hydroxyethyl)perfluoro(2,5-dimethyl-3,6-dioxanonan)amide</b> [137506-19-5] $C_{11}H_6F_{17}O_4$ FW 525.14	
0516	<b>3-Hydroxy-3-methyl-4,4,4-trifluorobutyric acid</b> [338-03-4] <i>mp</i> 40-43°C <i>bp</i> 75-76°C/2 mm Hg <i>d</i> 1,3880 $C_5H_7F_3O_3$ FW 172.10 Corrosive/Stench	
0517	<b>3-Hydroxy-2-(trifluoromethyl)propionic acid, 92%</b> [382-43-4] <i>mp</i> 44°C <i>bp</i> 96-97°C/25 mm Hg <i>d</i> 1,51 $C_4H_5F_3O_3$ FW 158.08 Corrosive	
0518	<b>2-Hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionic acid</b> [662-22-6] <i>mp</i> 78-83°C <i>bp</i> 153-156°C $C_4H_2F_6O_3$ FW 212.048 Corrosive/Irritant	
0519	<b>3-Hydroxy-4,4,4-trifluorobutyramide</b> [453-34-9] <i>mp</i> 124-125°C $C_4H_6F_3NO_2$ FW 157.09 Irritant	

**0520 (4-Iodobutyl)perfluorocyclohexane**

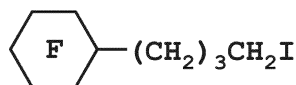
[883529-13-3]

*bp* 93°C/9 mm Hg

C<sub>10</sub>H<sub>8</sub>F<sub>11</sub>I

FW 464.06

Irritant



**0521 (2-Iodoethyl)perfluorocyclohexane**

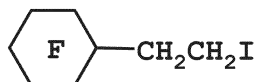
[188639-80-7]

*bp* 52°C/7 mm Hg

C<sub>8</sub>H<sub>4</sub>F<sub>11</sub>I

FW 436.01

Irritant



**0522 8-Iodo-1,1,1,2,2,3,3,4,4-nonafluorooctane**

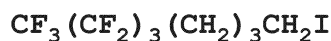
[99324-98-8]

*bp* 96-97°C/25 mm Hg

C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>I

FW 402.04

Irritant



**0523 Iodopentafluoroacetone**

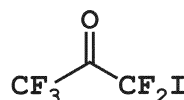
[57069-95-1]

*bp* 54-55°C

C<sub>3</sub>F<sub>5</sub>IO

FW 273.93

Harmful/Irritant/Light Sensitive



**0524 Iodopentafluorobenzene**

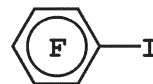
[827-15-6]

*mp* -29°C *bp* 163-166°C *n*<sub>D</sub><sup>20</sup> 1,499 *d* 2,212 *fp* none

C<sub>6</sub>F<sub>5</sub>I

FW 293.96

Irritant/Light Sensitive



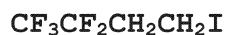
**0525 4-Iodo-1,1,1,2,2-pentafluorobutane**

[40723-80-6]

*bp* 100°C *d* 1,81

C<sub>4</sub>H<sub>4</sub>F<sub>5</sub>I

FW 273.97



**0527 Iodopentafluoroethane, 98% min**

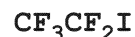
[354-64-3]

*bp* 12-13°C *n*<sub>D</sub><sup>20</sup> 1,3390 *d* 2,080 *fp* none

C<sub>2</sub>F<sub>5</sub>I

FW 245.92

Harmful/Irritant/Light Sensitive



**0528 6-Iodo-1,1,1,2,2-pentafluorohexane**

[344452-10-4]

*bp* 62-64°C/15 mm Hg *d* 1,65

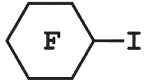
C<sub>6</sub>H<sub>8</sub>F<sub>5</sub>I

FW 302.03

Irritant





<b>0529</b>	<b>3-Iodo-1,1,1,2,2-pentafluoropropane</b> [354-69-8] <i>bp</i> 71-72°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3728 <i>d</i> 2,038 C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> I FW 259.95 Irritant/Light Sensitive	<b>CF<sub>3</sub>CF<sub>2</sub>CH<sub>2</sub>I</b>
<b>0530</b>	<b>1-Iodononafluorobutane</b> [423-39-2] <i>bp</i> 66-67°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3290 <i>d</i> 2,010 <i>fp</i> none C <sub>4</sub> F <sub>9</sub> I FW 345.93 Irritant/Light Sensitive	<b>CF<sub>3</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>I</b>
<b>0531</b>	<b>2-Iodononafluorobutane</b> [375-51-9] <i>bp</i> 64,0-65,5°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,331-1,340 <i>d</i> 2,095 <i>fp</i> none C <sub>4</sub> F <sub>9</sub> I FW 345.93 Irritant/Light Sensitive	<b>CF<sub>3</sub>CFCF<sub>2</sub>CF<sub>3</sub></b> I
<b>0532</b>	<b>1-Iodo-4H-octafluorobutane</b> [754-73-4] <i>bp</i> 90-91°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3520 C <sub>4</sub> HF <sub>8</sub> I FW 327.94 Light Sensitive	<b>HCF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>I</b>
<b>0533</b>	<b>1-Iodoheptafluorobut-1-ene</b> [231953-39-2] (Z)[113612-30-9] C <sub>4</sub> F <sub>7</sub> I FW 307.94 Irritant/Light Sensitive	<b>CF<sub>3</sub>CF<sub>2</sub>CF=CFI</b>
<b>0534</b>	<b>Iodoperfluorocyclohexane, 85%</b> [355-69-1] <i>bp</i> 112-115°C <i>d</i> 2,1 C <sub>6</sub> F <sub>11</sub> I FW 407.95 Irritant/Light Sensitive	
<b>0535</b>	<b>1-Iodo-1H,1H,2H,2H-perfluorodecane</b> [2043-53-0] <i>mp</i> 55-57°C <i>bp</i> 97°C/14 mm Hg <i>d</i> 1,88 C <sub>10</sub> H <sub>4</sub> F <sub>17</sub> I FW 574.02 Irritant/Light Sensitive/Toxic	<b>CF<sub>3</sub>(CF<sub>2</sub>)<sub>7</sub>CH<sub>2</sub>CH<sub>2</sub>I</b>
<b>0536</b>	<b>6-Iodo-5H,5H,6H-perfluorodecane</b> [53638-10-1] <i>bp</i> 85°C/25 mm Hg C <sub>10</sub> H <sub>3</sub> F <sub>18</sub> I FW 592.01 Irritant/Light Sensitive	<b>CF<sub>3</sub>(CF<sub>2</sub>)<sub>3</sub>CHCH<sub>2</sub>(CF<sub>2</sub>)<sub>3</sub>CF<sub>3</sub></b> I

0537	<b>1-Iodo-1H,1H,7H-perfluoroheptane, 85%</b> [376-32-9] <i>bp</i> 172-173°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3643–1,3708 <i>d</i> 2,044 $C_7H_3F_{12}I$ FW 441.99 Irritant	$HCF_2 (CF_2)_5CH_2I$
0538	<b>6-Iodo-1,1,1,2,2,3,3,4,4-nonafluorohexane</b> [2043-55-2] <i>bp</i> 138-140°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3700 <i>d</i> 1,940 <i>fp</i> none $C_6H_4F_9I$ FW 373.99 Harmful/Irritant/Light Sensitive	$CF_3 (CF_2)_3CH_2CH_2I$
0539	<b>1-Iodoperfluorohexane</b> [355-43-1] <i>bp</i> 116-119°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3275 <i>d</i> 2,063 <i>fp</i> none $C_6F_{13}I$ FW 445.95 Harmful/Irritant/Light Sensitive	$CF_3 (CF_2)_4CF_2I$
0540	<b>1-Iodo-6H-perfluorohexane</b> [63703-16-2] <i>bp</i> 135-136°C <i>d</i> 2,015 $C_6HF_{12}I$ FW 427.96 Irritant	$HCF_2 (CF_2)_4CF_2I$
0542	<b>1-Iodononafluoro(3-methylbut-1-ene)</b> [167026-90-6] (E)[883882-12-0] (Z)[105774-97-8] <i>bp</i> 92-93°C $C_5F_9I$ FW 357.95 Irritant/Light Sensitive	$CF_3CFCF=CFI$ $\quad \quad  $ $\quad \quad CF_3$
0545	<b>2-Iodoperfluoro(2-methylpentane)</b> [102780-88-1] <i>bp</i> 115°C <i>d</i> 2,14 $C_6F_{13}I$ FW 445.95	$CF_3$ $ $ $CF_3CCF_2CF_2CF_3$ $ $ $I$
0546	<b>2-Iodo-1H,1H,2H,3H,3H-perfluorononan-1-ol</b> [38550-44-6] <i>mp</i> 45-46°C <i>bp</i> 89-90°C/1,5 mm Hg $C_9H_6F_{13}IO$ FW 504.03 Light Sensitive	$CF_3 (CF_2)_5CH_2CHCH_2OH$ $\quad \quad \quad  $ $\quad \quad \quad I$
0547	<b>2-Iodo-1H,1H,3H-perfluoronon-2-en-1-ol</b> [261761-01-7] (E)[99325-08-3] (Z)[99325-07-2] <i>bp</i> 90°C/25 mm Hg $C_9H_4F_{13}IO$ FW 502.01 Light Sensitive	$CF_3 (CF_2)_5CH=CCH_2OH$ $\quad \quad \quad  $ $\quad \quad \quad I$

<b>0548</b>	<b>1-Iodoperfluorooctane</b> [507-63-1] <i>mp</i> 25°C <i>bp</i> 160-161°C <i>n<sub>D</sub></i> 1,3303( <i>t</i> =25°C) <i>d</i> 2,040( <i>t</i> =25°C) C <sub>8</sub> F <sub>17</sub> I FW 545.97 Harmful/Light Sensitive	CF <sub>3</sub> (CF <sub>2</sub> ) <sub>6</sub> CF <sub>2</sub> I
<b>0549</b>	<b>1-Iodo-1H,1H,2H,2H-perfluorooctane</b> [2043-57-4] <i>mp</i> 20°C <i>bp</i> 180°C <i>n<sub>D</sub></i> 1,3586( <i>t</i> =25°C) <i>d</i> 1,910( <i>t</i> =25°C) <i>fp</i> 80°C C <sub>8</sub> H <sub>4</sub> F <sub>13</sub> I FW 474.00 Light Sensitive	CF <sub>3</sub> (CF <sub>2</sub> ) <sub>5</sub> CH <sub>2</sub> CH <sub>2</sub> I
<b>0551</b>	<b>1-Iodo-1H,1H,5H-octafluoropentane</b> [678-74-0] <i>bp</i> 140-141°C <i>n<sub>D</sub><sup>20</sup></i> 1,384 <i>d</i> 2,014 C <sub>5</sub> H <sub>3</sub> F <sub>8</sub> I FW 341.97 Irritant/Light Sensitive	HCF <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> CH <sub>2</sub> I
<b>0552</b>	<b>2-Iodo-1H,1H,2H,3H,3H-perfluoroundecan-1-ol</b> [38550-45-7] <i>mp</i> 54-55°C <i>bp</i> 107-110°C/10 mm Hg C <sub>11</sub> H <sub>6</sub> F <sub>17</sub> IO FW 604.05 Irritant/Light Sensitive	CF <sub>3</sub> (CF <sub>2</sub> ) <sub>7</sub> CH <sub>2</sub>   I CHCH <sub>2</sub> OH
<b>0553</b>	<b>1-Iodo-1,2,2,2-tetrafluoroethane</b> [3831-49-0] <i>bp</i> 39°C <i>n<sub>D</sub></i> 1,3665( <i>t</i> =25°C) <i>d</i> 1,58 C <sub>2</sub> HF <sub>4</sub> I FW 227.93 Irritant/Light Sensitive	CF <sub>3</sub> CHF I
<b>0554</b>	<b>1-Iodo-1-(heptafluoropropoxy)tetrafluoroethane</b> [107432-46-2] <i>bp</i> 88°C <i>n<sub>D</sub><sup>20</sup></i> 1,3153 <i>d</i> 1,9859 C <sub>5</sub> F <sub>11</sub> IO FW 411.94 Irritant/Light Sensitive	CF <sub>3</sub> CF <sub>2</sub> CF <sub>2</sub> OCF <sub>2</sub> CF <sub>3</sub>   I
<b>0555</b>	<b>1-Iodo-1-(trifluoromethoxy)tetrafluoroethane</b> [139604-89-0] [69066-98-4] <i>bp</i> 43-44°C C <sub>3</sub> F <sub>7</sub> IO FW 311.93 Harmful/Light Sensitive	CF <sub>3</sub> OCF <sub>2</sub> CF <sub>3</sub>   I
<b>0556</b>	<b>2-Iodo-1-(trifluoromethoxy)tetrafluoroethane</b> [1561-52-0] <i>bp</i> 47-48°C <i>n<sub>D</sub><sup>20</sup></i> 1,3312 <i>d</i> 2,0861 C <sub>3</sub> F <sub>7</sub> IO FW 311.93 Harmful/Light Sensitive	CF <sub>3</sub> OCF <sub>2</sub> CF <sub>2</sub> I

0557	<b>1-Iodo-2,2,3,3-tetrafluoropropane</b> [679-87-8] <i>bp</i> 97-99°C $n_D^{20}$ 1,3985-1,4208 <i>d</i> 2,036( <i>t</i> =25°C) <i>fp</i> none C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> I FW 241.95 Light Sensitive	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{I}$
0558	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)butane</b> [200501-96-8] <i>bp</i> 117-119°C $n_D^{20}$ 1,3710-1,3730 C <sub>5</sub> H <sub>4</sub> F <sub>7</sub> IO FW 339.98 Irritant/Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CH}_2\text{I} \\   \\ \text{OCF}_3 \end{array}$
0560	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)octane</b> [200501-94-6] C <sub>9</sub> H <sub>12</sub> F <sub>7</sub> IO FW 396.09 Harmful/Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CH}(\text{CH}_2)_3\text{CH}_3 \\   \quad   \\ \text{OCF}_3 \quad \text{I} \end{array}$
0561	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethoxy)pentane</b> [243139-56-2] C <sub>6</sub> H <sub>6</sub> F <sub>7</sub> IO FW 354.01 Harmful/Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CHCH}_3 \\   \quad   \\ \text{OCF}_3 \quad \text{I} \end{array}$
0562	<b>4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethoxy)pentan-1-ol</b> [510768-14-6] <i>bp</i> 69-72°C/10 mm Hg C <sub>6</sub> H <sub>6</sub> F <sub>7</sub> IO <sub>2</sub> FW 370.01 Irritant	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CHCH}_2\text{OH} \\   \quad   \\ \text{OCF}_3 \quad \text{I} \end{array}$
0563	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)-2-iodopent-2-en-1-ol</b> [243139-57-3] C <sub>6</sub> H <sub>4</sub> F <sub>7</sub> IO <sub>2</sub> FW 367.99 Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}=\text{CCH}_2\text{OH} \\   \quad   \\ \text{OCF}_3 \quad \text{I} \end{array}$
0564	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)butane</b> [99324-96-6] <i>bp</i> 118-124°C $n_D^{20}$ 1,3810 <i>d</i> 2,00 C <sub>5</sub> H <sub>4</sub> F <sub>7</sub> I FW 323.98 Harmful/Irritant/Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CH}_2\text{I} \\   \\ \text{CF}_3 \end{array}$
0566	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane</b> [261760-23-0] C <sub>7</sub> H <sub>8</sub> F <sub>7</sub> I FW 352.03 Irritant/Light Sensitive	$\begin{array}{c} \text{CF}_3\text{CFCH}_2\text{CHCH}_2\text{CH}_3 \\   \quad   \\ \text{CF}_3 \quad \text{I} \end{array}$

<b>0567</b>	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)octane</b> [161094-94-6] <i>bp</i> 40°C/0,1 mm Hg $C_9H_{12}F_7I$ FW 380.09 Irritant/Light Sensitive	$\begin{array}{c} CF_3CFCH_2CH(CH_2)_3CH_3 \\   \quad   \\ CF_3 \quad I \end{array}$
<b>0568</b>	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)pentane</b> [261760-24-1] $C_6H_6F_7I$ FW 338.01 Irritant/Light Sensitive	$\begin{array}{c} CF_3CFCH_2CHCH_3 \\   \quad   \\ CF_3 \quad I \end{array}$
<b>0569</b>	<b>2-Iodo-4,5,5,5-tetrafluoro-4-(trifluoromethyl)pentan-1-ol</b> [114810-56-9] <i>bp</i> 82-84°C/20 mm Hg $C_6H_6F_7IO$ FW 354.01 Irritant/Light Sensitive	$\begin{array}{c} CF_3CFCH_2CHCH_2OH \\   \quad   \\ CF_3 \quad I \end{array}$
<b>0570</b>	<b>4,5,5,5-Tetrafluoro-4-trifluoromethyl-2-iodopent-2-en-1-ol</b> [261760-25-2] (Z)[1006627-74-2] $C_6H_4F_7IO$ FW 351.99 Irritant	$\begin{array}{c} CF_3CFCH=CCH_2OH \\   \quad   \\ CF_3 \quad I \end{array}$
<b>0571</b>	<b>2-Iodo-1-(perfluorohexyl)hexane</b> [120695-82-1] <i>bp</i> 77°C/5 mm Hg $n_D^{20}$ 1,3820 $d$ 1,5026 $C_{12}H_{12}F_{13}I$ FW 530.11 Light Sensitive/Irritant	$\begin{array}{c} CF_3(CF_2)_5CH_2CH(CH_2)_3CH_3 \\   \\ I \end{array}$
<b>0572</b>	<b>2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane</b> [38550-34-4] <i>bp</i> 69°C/11 mm Hg $C_9H_6F_{13}I$ FW 488.03 Irritant/Light Sensitive	$\begin{array}{c} CF_3(CF_2)_5CH_2CHCH_3 \\   \\ I \end{array}$
<b>0573</b>	<b>3-Iodo-1,1,1-trifluorobutane, 95%</b> [540-87-4] <i>bp</i> 102-103°C $n_D^{20}$ 1,4277 $C_4H_6F_3I$ FW 237.99 Irritant/Light Sensitive	$\begin{array}{c} CF_3CH_2CHCH_3 \\   \\ I \end{array}$
<b>0574</b>	<b>2-Iodo-4,4,4-trifluorobut-2-en-1-ol</b> [674-35-1] (Z)[264279-04-1] <i>bp</i> 75°C/10 mm Hg $n_D^{20}$ 1,4782 $d$ 2,076 $C_4H_4F_3IO$ FW 251.97 Irritant/Light Sensitive	$\begin{array}{c} CF_3CH=CCH_2OH \\   \\ I \end{array}$

<b>0575</b>	<b>2-Iodo-1,1,1-trifluoroethane</b> [353-83-3] <i>bp</i> 55-56°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3991–1,4009 <i>d</i> 2,142 <i>fp</i> none C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> I FW 209.94 Harmful/Irritant/Light Sensitive	$\text{CF}_3\text{CH}_2\text{I}$
<b>0576</b>	<b>Iodotrifluoroethylene</b> [359-37-5] <i>bp</i> 30-34°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3974 <i>d</i> 2,074 C <sub>2</sub> F <sub>3</sub> I FW 207.92 Irritant/Light Sensitive/Keep Cold	$\text{CF}_2=\text{CFI}$
<b>0577</b>	<b>3-Iodo-1,1,1-trifluoroheptane</b> [89608-37-7] <i>bp</i> 52-53°C/8 mm Hg C <sub>7</sub> H <sub>12</sub> F <sub>3</sub> I FW 280.07 Irritant/Light Sensitive	$\text{CF}_3\text{CH}_2\underset{\text{I}}{\text{CH}}(\text{CH}_2)_3\text{CH}_3$
<b>0578</b>	<b>5-Iodo-1,1,1-trifluoropentane</b> [352-60-3] <i>bp</i> 153°C <i>n</i> <sub>D</sub> 1,439 ( <i>t</i> =17°C) <i>d</i> 1,85 C <sub>5</sub> H <sub>8</sub> F <sub>3</sub> I FW 252.02 Irritant	$\text{CF}_3(\text{CH}_2)_3\text{CH}_2\text{I}$
<b>0579</b>	<b>1-Iodo-3,3,3-trifluoropropane</b> [460-37-7] <i>bp</i> 89-90°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4200–1,4227 <i>d</i> 1,911 <i>fp</i> >110°C C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> I FW 223.96 Irritant/Light Sensitive	$\text{CF}_3\text{CH}_2\text{CH}_2\text{I}$
<b>0580</b>	<b>Isopropyl trifluoroacetate, 99%</b> [400-38-4] <i>mp</i> <-78°C <i>bp</i> 74°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3190 <i>d</i> 1,108 <i>fp</i> -8°C C <sub>5</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 156.10 Corrosive/Flammable/Moisture Sensitive	$\text{CF}_3\text{C}(=\text{O})\text{OCH}(\text{CH}_3)_2$
<b>0581</b>	<b>Isopropyl 4,4,4-trifluoroacetoacetate</b> [175230-50-9] <i>bp</i> 42°C/28 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3891 <i>d</i> 1,2 C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> FW 198.14 Irritant/Flammable	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{OCH}(\text{CH}_3)_2$
<b>0582</b>	<b>Fluoromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)</b> [28523-86-6] <i>bp</i> 58°C <i>d</i> 1,505 C <sub>4</sub> H <sub>3</sub> F <sub>7</sub> O FW 200.06 Irritant	$\text{CF}_3\underset{\text{CF}_3}{\text{CHOCH}_2}\text{F}$

**0583 4-Methoxy-2,3,5,6-tetrafluorobenzotrifluoride**

[20867-94-1]

*bp* 168-169°C *n*<sub>D</sub><sup>20</sup> 1,4370

 C<sub>8</sub>H<sub>3</sub>F<sub>7</sub>O

FW 248.10

Combustible/Irritant


**0584 N-Methoxy-N-methyltrifluoroacetamide**

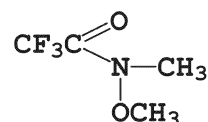
[104863-67-4]

*bp* 52°C/30 mm Hg *d* 1,299

 C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>2</sub>

FW 157.09

Irritant


**0586 1-(4-Methoxyphenyl)-4,4,4-trifluorobutane-1,3-dione**

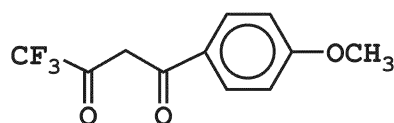
[15191-68-1]

*mp* 57-58°C

 C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>O<sub>3</sub>

FW 246.19

Irritant


**0588 Methoxytris(pentafluorophenyl)silane**

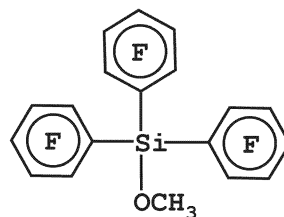
[223668-78-8]

*mp* 82-85°C *bp* 130°C/2 mm Hg

 C<sub>19</sub>H<sub>3</sub>F<sub>15</sub>OSi

FW 560.29

Irritant


**0589 Methyl 4-amino-2,3,5,6-tetrafluorobenzoate**

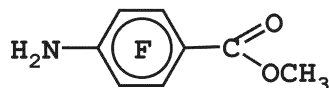
[715-37-7]

*mp* 116-117°C

 C<sub>8</sub>H<sub>5</sub>F<sub>4</sub>NO<sub>2</sub>

FW 223.13

Irritant


**0590 Methyl bromodifluoroacetate**

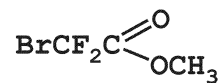
[683-98-7]

*bp* 96°C *n*<sub>D</sub> 1,388 (*t*=23°C) *d* 1,7125(*t*=23°C)

 C<sub>3</sub>H<sub>3</sub>BrF<sub>2</sub>O<sub>2</sub>

FW 188.96

Irritant


**0591 Methyl 2-bromotetrafluoropropionate**

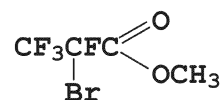
[378-67-6]

*bp* 105-107°C *n*<sub>D</sub><sup>20</sup> 1,3592-1,3617 *d* 1,6257

 C<sub>4</sub>H<sub>3</sub>BrF<sub>4</sub>O<sub>2</sub>

FW 238.96

Irritant

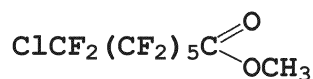

**0592 Methyl 7-chloroperfluoroheptanoate**

[261503-61-1]

 C<sub>8</sub>H<sub>3</sub>ClF<sub>12</sub>O<sub>2</sub>

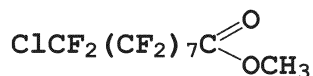
FW 394.54

Irritant



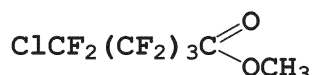
**0593 Methyl 9-chloroperfluorononanoate**  
[261503-65-5]

$C_{10}H_3ClF_{16}O_2$   
FW 494.56  
Irritant



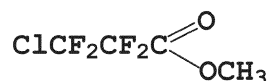
**0594 Methyl 5-chlorooctafluoropentanoate**  
[261503-67-7]

$C_6H_3ClF_8O_2$   
FW 294.53  
Irritant



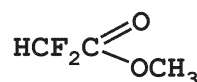
**0595 Methyl 3-chlorotetrafluoropropionate**  
[127589-63-3]

*bp* 85°C *d* 1,5  
 $C_4H_3ClF_4O_2$   
FW 194.51  
Irritant



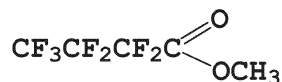
**0596 Methyl difluoroacetate, 98%**  
[433-53-4]

*bp* 86-87°C  $n_D^{20}$  1,3514 *d* 1,272 *fp* 19°C  
 $C_3H_4F_2O_2$   
FW 110.06  
Irritant/Highly Flammable/Harmful



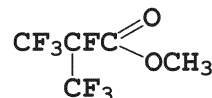
**0598 Methyl heptafluorobutyrate, 98%**  
[356-24-1]

*bp* 80-81°C  $n_D^{20}$  1,2928-1,2970 *d* 1,48  
 $C_5H_3F_7O_2$   
FW 228.07  
Irritant/Corrosive



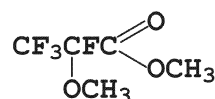
**0599 Methyl heptafluoroisobutyrate**  
[680-05-7]

*bp* 76-77°C  $n_D^{20}$  1,293 *d* 1,479  
 $C_5H_3F_7O_2$   
FW 228.07  
Irritant/Corrosive



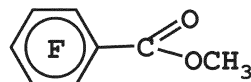
**0600 Methyl 2-methoxytetrafluoropropionate**  
[10186-63-7]

*bp* 120-122°C  $n_D^{20}$  1,3375 *d* 1,366  
 $C_5H_6F_4O_3$   
FW 190.10  
Irritant

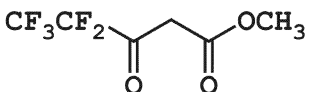
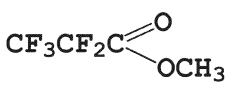
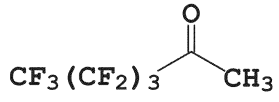
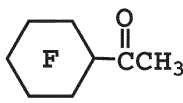
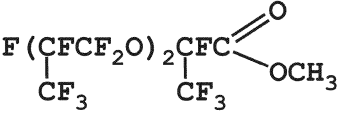
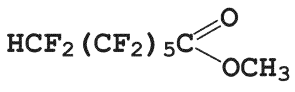
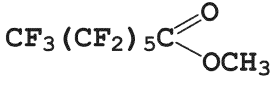
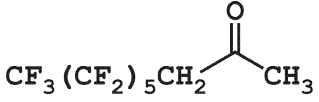


**0601 Methyl pentafluorobenzoate**  
[36629-42-2]

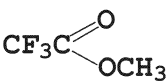
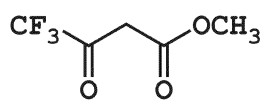
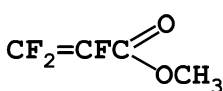
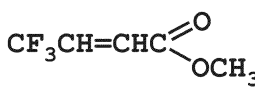
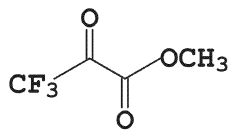
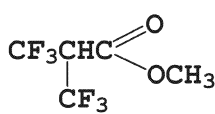
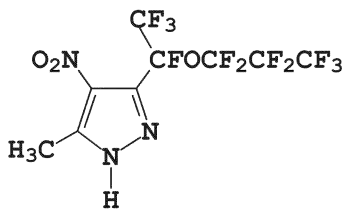
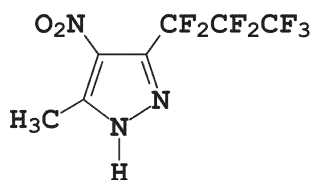
*bp* 87-88°C/20 mm Hg  $n_D^{20}$  1,4310 *d* 1,532 *fp* 78°C  
 $C_8H_3F_5O_2$   
FW 226.10  
Flammable/Irritant





0602	<b>Methyl pentafluoropropionylacetate</b>	
	[104857-88-7]	<i>bp</i> 124-126°C <i>d</i> 1,62
	$C_6H_5F_5O_3$	FW 220.10
	Flammable/Irritant	
0603	<b>Methyl pentafluoropropionate, 99%</b>	
	[378-75-6]	<i>bp</i> 61-62°C $n_D^{20}$ 1,2884 <i>d</i> 1,393 <i>fp</i> -1°C
	$C_4H_3F_5O_2$	FW 178.06
	Flammable/Irritant	
0604	<b>Methyl nonafluorobutyl ketone</b>	
	[678-18-2]	<i>bp</i> 87°C <i>d</i> 1,53
	$C_6H_3F_9O$	FW 262.07
	Irritant	
0605	<b>Methyl perfluorocyclohexyl ketone, 95%</b>	
	[261761-77-7]	<i>bp</i> 122°C <i>d</i> 1,68
	$C_8H_3F_{11}O$	FW 324.09
	Irritant	
0606	<b>Methyl perfluoro(2,5-dimethyl-3,6-dioxanonoate)</b>	
	[26131-32-8]	<i>bp</i> 155-156°C $n_D^{20}$ 1,2310( <i>t</i> = 22,5°C) <i>d</i> 1,6 <i>fp</i> none
	$C_{10}H_3F_{17}O_4$	FW 510.10
	Corrosive/Irritant	
0607	<b>Methyl 7H-perfluoroheptanoate</b>	
	[84567-13-5]	<i>bp</i> 107-108°C/100 mm Hg
	$C_8H_4F_{12}O_2$	FW 360.10
	Irritant	
0608	<b>Methyl perfluoroheptanoate, 99%</b>	
	[14312-89-1]	<i>bp</i> 139-141°C $n_D^{20}$ 1,3022-1,3047 <i>d</i> 1,66
	$C_8H_3F_{13}O_2$	FW 378.09
	Flammable	
0609	<b>1H,1H,1H,3H,3H-Perfluorononan-2-one</b>	
	[77893-60-8]	<i>bp</i> 83,5-85°C/27 mm Hg
	$C_9H_5F_{13}O$	FW 376.12
	Irritant	

0610	<b>Methyl perfluorohexyl ketone</b>	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{CH}_3$
[80793-21-1]		
<i>bp</i> 130-132°C		
$\text{C}_8\text{H}_3\text{F}_{13}\text{O}$		
FW 362.09		
Irritant		
0612	<b>Methyl perfluoro(2-methyl-3-oxahexanoate)</b>	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFC}(\text{CF}_3)\text{C}(=\text{O})\text{OCH}_3$
[13140-34-6]		
<i>bp</i> 109-110°C $n_D^{20}$ 1,287		
$\text{C}_7\text{H}_3\text{F}_{11}\text{O}_3$		
FW 344.08		
Irritant		
0613	<b>Methyl perfluorononanoate, 99%</b>	$\text{CF}_3(\text{CF}_2)_7\text{C}(=\text{O})\text{OCH}_3$
[51502-45-5]		
<i>bp</i> 78-79°C/21 mm Hg $n_D^{20}$ 1,3070		
$\text{C}_{10}\text{H}_3\text{F}_{17}\text{O}_2$		
FW 478.11		
Irritant		
0614	<b>Methyl 2H,2H,7H-perfluoro-3-oxoheptanoate</b>	$\text{HCF}_2(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{OCH}_3$
[89129-69-1]		
<i>bp</i> 63°C/5 mm Hg $d$ 1,56		
$\text{C}_8\text{H}_6\text{F}_8\text{O}_3$		
FW 302.12		
Flammable		
0615	<b>Methyl 5H-octafluoropentanoate, 99%</b>	$\text{HCF}_2(\text{CF}_2)_3\text{C}(=\text{O})\text{OCH}_3$
[54822-22-9]		
<i>bp</i> 131-132°C $n_D^{20}$ 1,3145-1,3160		
$\text{C}_6\text{H}_4\text{F}_8\text{O}_2$		
FW 260.08		
Flammable/Irritant		
0616	<b>Methyl 1,1,2,2-tetrafluoroethyl ether</b>	$\text{HCF}_2\text{CF}_2\text{OCH}_3$
[425-88-7]		
<i>bp</i> 35-36°C $n_D^{20}$ 1,265 $d$ 1,25		
$\text{C}_3\text{H}_4\text{F}_4\text{O}$		
FW 132.06		
Flammable/Toxic		
0617	<b>Methyl 2,3,3,3-tetrafluoropropionate</b>	$\text{CF}_3\text{CHFC}(\text{F})\text{C}(=\text{O})\text{OCH}_3$
[382-93-4]		
<i>bp</i> 95-96°C $n_D^{20}$ 1,3180-1,3198 $d$ 1,353 $f_p$ 25°C		
$\text{C}_4\text{H}_4\text{F}_4\text{O}_2$		
FW 160.07		
Irritant/Flammable		
0618	<b>Methyl 2,2,3,3-tetrafluoropropyl ether</b>	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_3$
[60598-17-6]		
<i>bp</i> 72-74°C $d$ 1,2518		
$\text{C}_4\text{H}_6\text{F}_4\text{O}$		
FW 146.08		
Irritant		

<b>0619</b>	<b>Methyl trifluoroacetate, 99%</b> [431-47-0] <i>mp</i> -78°C <i>bp</i> 43-44°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,288-1,295 <i>d</i> 1,369 <i>fp</i> -7°C C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> FW 128.05 Corrosive/Flammable/Harmful/Keep Cold	
<b>0620</b>	<b>Methyl 4,4,4-trifluoroacetoacetate</b> [83643-84-9] <i>bp</i> 117-118°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3728 <i>d</i> 1,340 <i>fp</i> 40°C C <sub>5</sub> H <sub>5</sub> F <sub>3</sub> O <sub>3</sub> FW 170.09 Flammable/Irritant/Harmful	
<b>0621</b>	<b>Methyl trifluoroacrylate</b> [392-41-6] <i>bp</i> 85-86°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3585 <i>d</i> 1,3555 C <sub>4</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> FW 140.06 Irritant	
<b>0622</b>	<b>Methyl 4,4,4-trifluorocrotonate</b> [85694-31-1] (E) [189287-30-7] <i>bp</i> 94-95°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3535 C <sub>5</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 154.09 Flammable/Irritant	
<b>0623</b>	<b>Methyl trifluoropyruvate, 98%</b> [13089-11-7] <i>bp</i> 84-86°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,328-1,332 <i>d</i> 1,528 <i>fp</i> 26°C C <sub>4</sub> H <sub>3</sub> F <sub>3</sub> O <sub>3</sub> FW 156.06 Corrosive/Flammable	
<b>0624</b>	<b>Methyl 3,3,3-trifluoro-2-(trifluoromethyl)propionate</b> [360-54-3] <i>bp</i> 90°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3070-1,3081 <i>d</i> 1,4482 C <sub>5</sub> H <sub>4</sub> F <sub>6</sub> O <sub>2</sub> FW 210.08 Flammable	
<b>0625</b>	<b>5(3)-Methyl-4-nitro-3(5)-[perfluoro(1-propoxyethyl)]pyrazole</b> [247170-16-7] C <sub>9</sub> H <sub>4</sub> F <sub>11</sub> N <sub>3</sub> O <sub>3</sub> FW 411.13	
<b>0626</b>	<b>3(5)-Heptafluoropropyl-5(3)-methyl-4-nitropyrazole</b> [82633-69-0] <i>mp</i> 96-97°C C <sub>7</sub> H <sub>4</sub> F <sub>7</sub> N <sub>3</sub> O <sub>2</sub> FW 295.12	

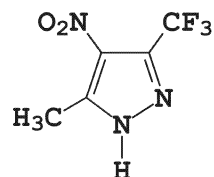
**0627 5(3)-Methyl-4-nitro-3(5)-(trifluoromethyl)pyrazole**

[27116-80-9]

*mp* 75-77°C

C<sub>5</sub>H<sub>4</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

FW 195.10

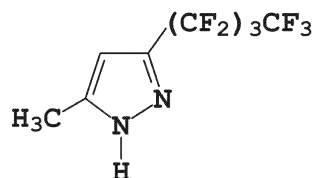


**0629 5(3)- Methyl-3(5)-(nonafluorobutyl)pyrazole**

[247220-81-1]

C<sub>8</sub>H<sub>5</sub>F<sub>9</sub>N<sub>2</sub>

FW 300.13



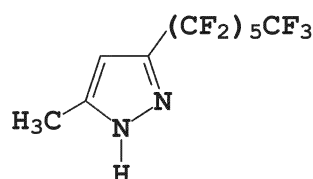
**0630 5(3)-Methyl-3(5)-(perfluorohexyl)pyrazole**

[129257-23-4]

*mp* 123-124°C

C<sub>10</sub>H<sub>5</sub>F<sub>13</sub>N<sub>2</sub>

FW 400.14

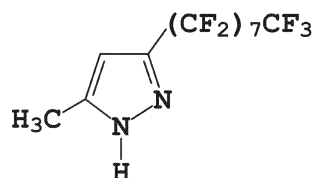


**0631 5(3)-Methyl-3(5)-(perfluorooctyl)pyrazole**

[243659-12-3]

C<sub>12</sub>H<sub>5</sub>F<sub>17</sub>N<sub>2</sub>

FW 500.16



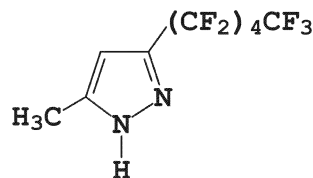
**0633 5(3)-Methyl-3(5)-(perfluoropentyl)pyrazole**

[82633-43-0]

C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>N<sub>2</sub>

FW 350.13

Irritant

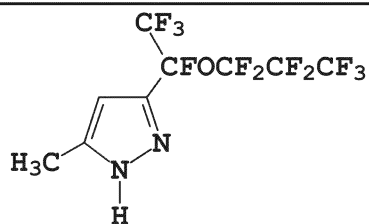


**0634 5(3)-Methyl-3(5)-[perfluoro(1-propoxyethyl)]pyrazole**

[229957-00-0]

C<sub>9</sub>H<sub>5</sub>F<sub>11</sub>N<sub>2</sub>O

FW 366.13



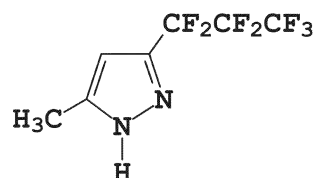
**0635 3(5)-Heptafluoropropyl-5(3)-methylpyrazole**

[75823-64-2]

*mp* 40-42°C *bp* 128°C/20 mm Hg

C<sub>7</sub>H<sub>5</sub>F<sub>7</sub>N<sub>2</sub>

FW 250.12



**0636 1-Phenyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole**

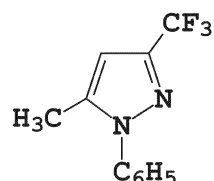
[111079-04-0]



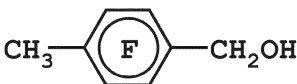
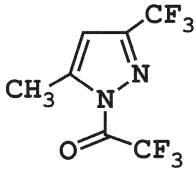
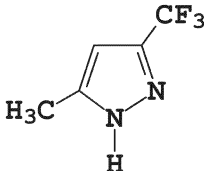
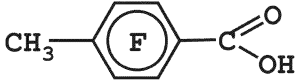
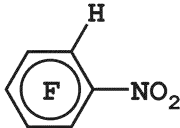
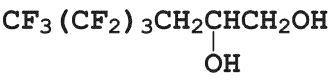
*bp* 133°C/28 mm Hg

C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub>

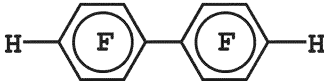
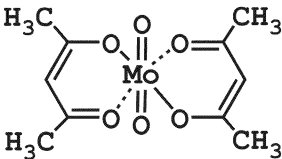

FW 226.20

Irritant



<b>0637</b>	<b>4-Methyl-2,3,5,6-tetrafluoroanisole</b> [3150-40-1] <i>bp</i> 171-172°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4340 <i>d</i> 1,45 C <sub>8</sub> H <sub>6</sub> F <sub>4</sub> O FW 194.13 Irritant	
<b>0638</b>	<b>4-Methyl-2,3,5,6-tetrafluorobenzotrifluoride, 98%</b> [778-35-8] <i>bp</i> 143-145°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3290 <i>d</i> 1,528 <i>fp</i> 41°C C <sub>8</sub> H <sub>3</sub> F <sub>7</sub> FW 232.10 Irritant	
<b>0639</b>	<b>4-Methyl-2,3,5,6-tetrafluorobenzyl alcohol</b> [79538-03-7] <i>mp</i> 60-62°C C <sub>8</sub> H <sub>6</sub> F <sub>4</sub> O FW 194.13 Irritant	
<b>0640</b>	<b>1-Trifluoroacetyl-5(3)-methyl-3(5)-(trifluoromethyl)pyrazole</b> [261778-40-9]  C <sub>7</sub> H <sub>4</sub> F <sub>6</sub> N <sub>2</sub> O FW 246.11 Irritant	
<b>0641</b>	<b>5(3)-Methyl-3(5)-(trifluoromethyl)pyrazole</b> [10010-93-2] <i>mp</i> 89-90°C <i>bp</i> 117°C/15 mm Hg C <sub>5</sub> H <sub>5</sub> F <sub>3</sub> N <sub>2</sub> FW 150.10 Irritant	
<b>0642</b>	<b>4-Methyltetrafluorobenzoic acid, 98%</b> [652-32-4] <i>mp</i> 170-171°C C <sub>8</sub> H <sub>4</sub> F <sub>4</sub> O <sub>2</sub> FW 208.11 Corrosive	
<b>0649</b>	<b>2,3,4,5-Tetrafluoronitrobenzene</b> [5580-79-0] <i>bp</i> 179°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4730 <i>d</i> 1,618 <i>fp</i> 81°C C <sub>6</sub> HF <sub>4</sub> NO <sub>2</sub> FW 195.07 Irritant	
<b>0650</b>	<b>4,4,5,5,6,6,7,7,7-Nonafluoroheptane-1,2-diol</b> [125070-38-4] <i>bp</i> 104-106°C/5 mm Hg C <sub>7</sub> H <sub>7</sub> F <sub>9</sub> O <sub>2</sub> FW 294.12 Irritant	

<b>0651</b>	<b>4,4,5,5,6,6,7,7,7-Nonafluorohept-2-en-1-ol</b> [72016-05-8] <i>bp</i> 78–83°C/28 mm Hg $n_D^{20}$ 1,334 $d$ 1,552 $fp$ >110°C $C_7H_5F_9O$ FW 276.10 Irritant	$CF_3(CF_2)_3CH=CHCH_2OH$
<b>0652</b>	<b>1H,1H,2H,2H-Nonafluorohexan-1-ol</b> [2043-47-2] <i>bp</i> 140–143°C/730 mm Hg $n_D^{20}$ 1,3140–1,3188 $d$ 1,59 $fp$ 73°C $C_6H_5F_9O$ FW 264.09 Flammable/Irritant	$CF_3(CF_2)_3CH_2CH_2OH$
<b>0653</b>	<b>5,5,6,6,7,7,8,8,8-Nonafluorooctane-2,4-dione</b> [355-84-0] <i>bp</i> 68–69°C/33 mm Hg $n_D^{20}$ 1,3589 $C_8H_5F_9O_2$ FW 304.11 Irritant	$CF_3(CF_2)_3C(=O)CH_2C(=O)CH_3$
<b>0654</b>	<b>5,5,6,6,7,7,8,8,8-Nonafluorooctan-1-ol</b> [3792-02-7] <i>bp</i> 90°C/12 mm Hg $d$ 1,4 $C_8H_9F_9O$ FW 292.14 Irritant	$CF_3(CF_2)_3(CH_2)_3CH_2OH$
<b>0655</b>	<b>Octafluoroadipic acid</b> [336-08-3] <i>mp</i> 132–134°C $C_6H_2F_8O_4$ FW 290.07 Corrosive	$HO-C(=O)(CF_2)_4C(=O)-OH$
<b>0656</b>	<b>Octafluoroadipamide</b> [355-66-8] <i>mp</i> 240–242°C ( <i>decomp.</i> ) $C_6H_4F_8N_2O_2$ FW 288.10 Irritant	$H_2N-C(=O)(CF_2)_4C(=O)-NH_2$
<b>0657</b>	<b>Octafluoroadipodinitrile</b> [376-53-4] <i>bp</i> 61–63°C $n_D^{20}$ 1,2855( $t=24^\circ C$ ) $d$ 1,45 $C_6F_8N_2$ FW 252.07 Highly Toxic/Irritant	$NC(CF_2)_4CN$
<b>0658</b>	<b>Octafluoroadipoyl difluoride</b> [37881-62-2] <i>bp</i> 72–74°C $C_6F_{10}O_2$ FW 294.05 Corrosive/Moisture Sensitive/Toxic	$F-C(=O)(CF_2)_4C(=O)-F$

0659	<b>4H,4'H-Octafluorobiphenyl</b> [3883-86-1] <i>mp</i> 82-84°C $C_{12}H_2F_8$ FW 298.14 Irritant	
0660	<b>1H,4H-Octafluorobutane</b> [377-36-6] <i>bp</i> 44-45°C <i>d</i> 1,5629 $C_4H_2F_8$ FW 202.05 Irritant	$HCF_2CF_2CF_2CF_2H$
0661	<b>Octafluorobut-2-ene</b> [360-89-4] (E)[1516-64-9] (Z)[1516-65-0] <i>mp</i> -136 -134°C <i>bp</i> 1-2°C <i>d</i> 1,5297 $C_4F_8$ FW 326.16 Non-flammable	$CF_3CF=CF CF_3$
0662	<b>Molybdenum(VI) dioxide bis(acetylacetonate)</b> [17524-05-9] <i>mp</i> 184-186°C $C_{10}H_{14}MoO_6$ FW 326.16 Irritant	
0663	<b>2,2,3,3,4,4,5,5-Octafluorohexane-1,6-diol</b> [355-74-8] <i>mp</i> 67-70°C <i>bp</i> 100°C/3 mm Hg $C_6H_6F_8O_2$ FW 262.10 Harmful/Irritant	$HOCH_2(CF_2)_4CH_2OH$
0664	<b>Octafluoronaphthalene</b> [313-72-4] <i>mp</i> 87-89°C <i>bp</i> 208-209°C $C_{10}F_8$ FW 272.10 Irritant	
0665	<b>1H,1H,5H-Octafluoropentyl acrylate, 99%+</b> [376-84-1] <i>bp</i> 122°C/140 mm Hg $n_D^{20}$ 1,3460 <i>d</i> 1,481 <i>fp</i> 71°C $C_8H_6F_8O_2$ FW 286.12 Irritant/Keep Cold	$CH_2=CHC(=O)OCH_2(CF_2)_3CF_2H$
0666	<b>1H,1H,5H-Octafluoropentyl methacrylate</b> [355-93-1] <i>bp</i> 177°C $n_D^{20}$ 1,3580 <i>d</i> 1,432 <i>fp</i> 81°C $C_9H_8F_8O_2$ FW 300.15 Irritant/Keep Cold	$CH_2=C(CH_3)C(=O)OCH_2(CF_2)_3CF_2H$

**0667 1H,1H,5H-Octafluoropentyl 1,1,2,2-tetrafluoroethyl ether**

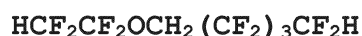
[16627-71-7]

*bp* 133°C *n*<sub>D</sub> 1,2855(*t*=24°C)

C<sub>7</sub>H<sub>4</sub>F<sub>12</sub>O

FW 332.09

Irritant



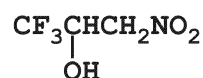
**0669 3-Nitro-1,1,1-trifluoropropan-2-ol**

[453-35-0]

*bp* 72°C/10 mm Hg *n*<sub>D</sub><sup>20</sup> 1,377 *d* 1,548

C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>NO<sub>3</sub>

FW 159.06



**0670 Octafluorotoluene**

[434-64-0]

*bp* 104-105°C *n*<sub>D</sub><sup>20</sup> 1,3687 *d* 1,660 *fp* 20°C

C<sub>7</sub>F<sub>8</sub>

FW 236.06

Flammable/Irritant



**0671 2',3',4',5',6'-Pentafluoroacetophenone**

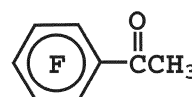
[652-29-9]

*bp* 165°C *n*<sub>D</sub><sup>20</sup> 1,433 *d* 1,476 *fp* 65°C

C<sub>8</sub>H<sub>3</sub>F<sub>5</sub>O

FW 210.10

Flammable/Irritant



**0672 Pentafluoroaniline**

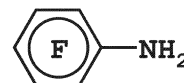
[771-60-8]

*mp* 35-36°C *bp* 156-157°C *d* 1,744 *fp* 73°C

C<sub>6</sub>H<sub>2</sub>F<sub>5</sub>N

FW 183.08

Harmful/Irritant



**0673 2,3,4,5,6-Pentafluoroanisole**

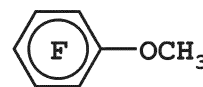
[389-40-2]

*bp* 138-139°C *n*<sub>D</sub><sup>20</sup> 1,4090-1,4105 *d* 1,496 *fp* 32°C

C<sub>7</sub>H<sub>3</sub>F<sub>5</sub>O

FW 198.09

Flammable/Irritant



**0674 Pentafluorobenzaldehyde**

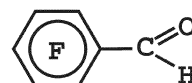
[653-37-2]

*mp* 20-25°C *bp* 168-170°C *n*<sub>D</sub> 1,4488-1,4520(*t*=25°C) *d* 1,588 *fp* 77°C

C<sub>7</sub>HF<sub>5</sub>O

FW 196.08

Air Sensitive/Harmful/Irritant



**0675 Pentafluorobenzamide**

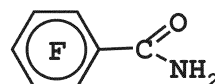
[652-31-3]

*mp* 149-150°C

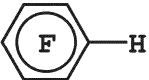
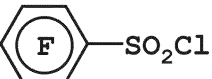
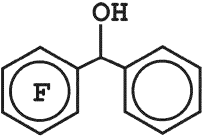
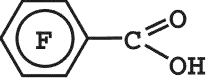
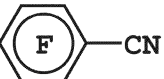
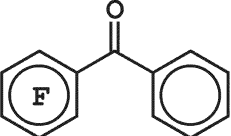
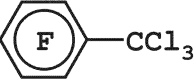
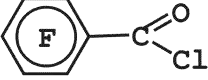
C<sub>7</sub>H<sub>2</sub>F<sub>5</sub>NO

FW 211.09

Irritant





<b>0676</b>	<b>Pentafluorobenzene, 98%</b> [363-72-4] <i>mp</i> -48°C <i>bp</i> 85-86°C $n_D^{20}$ 1,3918 <i>d</i> 1,526 <i>fp</i> 13°C $C_6HF_5$ FW 168.07 Flammable/Harmful	
<b>0677</b>	<b>Pentafluorobenzenesulfonyl chloride</b> [832-53-1] <i>bp</i> 210-211°C $n_D^{20}$ 1,4790 <i>d</i> 1,796 <i>fp</i> 90°C $C_6ClF_5O_2S$ FW 266.58 Corrosive/Moisture Sensitive	
<b>0678</b>	<b>2,3,4,5,6-Pentafluorobenzhydrol</b> [1944-05-4] <i>mp</i> 47°C <i>bp</i> 115-117°C/1,7 mm Hg $C_{13}H_7F_5O$ FW 274.19 Irritant	
<b>0679</b>	<b>Pentafluorobenzoic acid</b> [602-94-8] <i>mp</i> 102-103°C <i>bp</i> 220°C $C_7HF_5O_2$ FW 212.08 Irritant	
<b>0680</b>	<b>Pentafluorobenzonitrile</b> [773-82-0] <i>mp</i> 2,4°C <i>bp</i> 161-162°C $n_D^{20}$ 1,4429 <i>d</i> 1,56 <i>fp</i> 29°C $C_7F_5N$ FW 193.08 Flammable/Harmful	
<b>0681</b>	<b>2,3,4,5,6-Pentafluorobenzophenone</b> [1536-23-8] <i>mp</i> 36-39°C <i>bp</i> 137°C/12 mm Hg <i>fp</i> >110°C $C_{13}H_5F_5O$ FW 272.17 Irritant	
<b>0682</b>	<b>Pentafluorobenzotrichloride</b> [778-34-7] <i>bp</i> 114-115°C/48 mm Hg <i>d</i> 1,6 $C_7Cl_3F_5$ FW 285.43	
<b>0683</b>	<b>Pentafluorobenzoyl chloride</b> [2251-50-5] <i>bp</i> 158-159°C $n_D^{20}$ 1,4536 <i>d</i> 1,668 <i>fp</i> none $C_7ClF_5O$ FW 230.52 Corrosive/Lachrymatory/Moisture sensitive	

**0684 2,3,4,5,6-Pentafluorobenzyl acrylate**

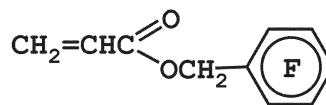
[153614-61-0]

*bp* 100-101°C/15mm Hg *d* 1,440

$C_{10}H_5F_5O_2$

FW 252.14

Irritant/Keep Cold



**0685 2,3,4,5,6-Pentafluorobenzyl alcohol**

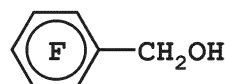
[440-60-8]

*mp* 30-32°C *bp* 84-185°C *fp* 87°C

$C_7H_3F_5O$

FW 198.09

Combustible/Harmful/Irritant



**0686 2,3,4,5,6-Pentafluorobenzyl bromide, 99%**

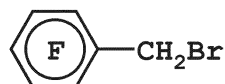
[1765-40-8]

*mp* 19-20°C *bp* 175-177°C  $n_D^{20}$  1,4710 *d* 1,728 *fp* 83°C

$C_7H_2BrF_5$

FW 260.99

Corrosive/Lachrymatory



**0687 2,3,4,5,6-Pentafluorobenzyl chloride, 98%**

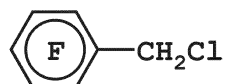
[653-35-0]

*bp* 162-163°C  $n_D^{20}$  1,4430 *d* 1,590

$C_7H_2ClF_5$

FW 216.54

Corrosive/Lachrymatory



**0688 2,3,4,5,6-Pentafluorobenzyl methacrylate**

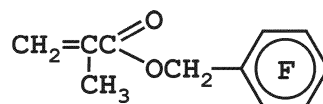
[114859-23-3]

*bp* 85°C/4 mm Hg

$C_{11}H_7F_5O_2$

FW 266.17

Irritant/Keep Cold



**0689 2,3,4,5,6-Pentafluorobiphenyl**

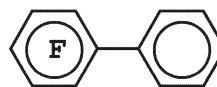
[784-14-5]

*mp* 111-112°C

$C_{12}H_5F_5$

FW 244.16

Irritant



**0690 3,3,4,4,4-Pentafluorobutan-1-ol**

[54949-74-5]

*bp* 102°C  $n_D^{20}$  1,315 *d* 1,41

$C_4H_5F_5O$

FW 164.08

Flammable



**0691 3,3,4,4,4-Pentafluorobutan-2-ol**

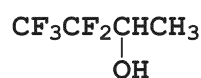
[374-40-3]

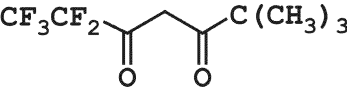
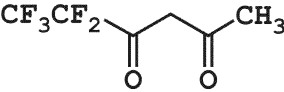
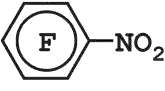
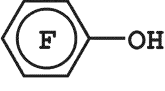
*bp* 85°C  $n_D^{20}$  1,3126 *d* 1,406

$C_4H_5F_5O$

FW 164.08

Flammable/Irritant



<b>0692</b>	<b>3,3,4,4,4-Pentafluorobut-1-ene</b> [374-27-6] <i>bp</i> 10°C $C_4H_3F_5$ FW 146.06 Flammable	$CF_3CF_2CH=CH_2$
<b>0694</b>	<b>6,6-Dimethyl-1,1,1,2,2-pentafluoroheptane-3,5-dione</b> [2145-68-8] <i>bp</i> 65°C/30 mm Hg $n_D^{20}$ 1,3883 $C_9H_{11}F_5O_2$ FW 246.18 Irritant	
<b>0695</b>	<b>Pentafluoroethane</b> [354-33-6] <i>mp</i> -103°C <i>bp</i> -49°C <i>fp</i> none $C_2HF_5$ FW 120.02 Harmful	$CF_3CF_2H$
<b>0696</b>	<b>5,5,6,6,6-Pentafluorohexane-2,4-dione</b> [356-40-1] <i>bp</i> 111-112°C $n_D^{20}$ 1,3729 $C_6H_5F_5O_2$ FW 204.10 Irritant	
<b>0697</b>	<b>5,5,6,6,6-Pentafluorohexan-1-ol</b> [58556-45-9] $C_6H_9F_5O$ FW 192.13 Flammable	$CF_3CF_2(CH_2)_3CH_2OH$
<b>0698</b>	<b>Pentafluoronitrobenzene</b> [880-78-4] <i>bp</i> 158-161°C $n_D^{20}$ 1,4470 $d$ 1,656 <i>fp</i> 90°C $C_6F_5NO_2$ FW 213.06 Irritant	
<b>0699</b>	<b>4,4,5,5,5-Pentafluoropentan-1-ol, 99%</b> [148043-73-6] <i>bp</i> 62-64°C/35 mm Hg $n_D^{20}$ 1,330 $d$ 1,350 <i>fp</i> 62°C $C_5H_7F_5O$ FW 178.10 Flammable/Irritant	$CF_3CF_2CH_2CH_2CH_2OH$
<b>0700</b>	<b>Pentafluorophenol, 99%</b> [771-61-9] <i>mp</i> 34-36°C <i>bp</i> 139-142°C $d$ 1,757 <i>fp</i> 72°C $C_6HF_5O$ FW 184.07 Corrosive/Harmful/Irritant	

**0701 (Pentafluorophenoxy)acetic acid**

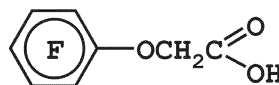
[14892-14-9]

*mp* 108-110°C

$C_8H_3F_5O_3$

FW 242.10

Irritant



**0703 Decafluorodiphenyl sulfide**

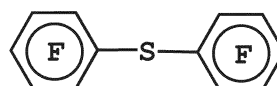
[1043-50-1]

*mp* 86-88°C *bp* 124-125°C/9 mm Hg

$C_{12}F_{10}S$

FW 366.18

Irritant



**0704 (Pentafluorophenyl)acetic acid**

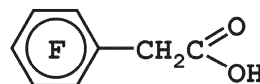
[653-21-4]

*mp* 108-110°C

$C_8H_3F_5O_2$

FW 226.10

Irritant



**0705 Pentafluorophenylacetonitrile**

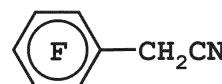
[653-30-5]

*bp* 107-108°C/17 mm Hg  $n_D^{20}$  1,4390  $d$  1,610 *fp* >110°C

$C_8H_2F_5N$

FW 207.10

Harmful/Irritant



**0706 2-Amino-3-(pentafluorophenyl)propionic acid**

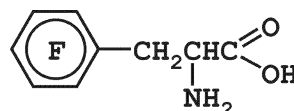
[3321-96-8]

*mp* 254-258°C

$C_9H_6F_5NO_2$

FW 255.14

Irritant



**0707 1-(Pentafluorophenyl)ethanol**

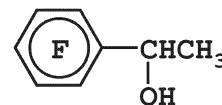
[830-50-2][75853-08-6]

*bp* 102-103°C/30 mm Hg  $n_D^{20}$  1,4394 *fp* 87°C

$C_8H_5F_5O$

FW 212.12

Flammable/Irritant



**0708 2-(Pentafluorophenyl)ethanol**

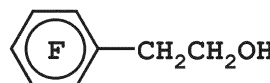
[653-31-6]

*bp* 96-98°C/12 mm Hg  $n_D^{20}$  1,4448-1,4508  $d$  1,525

$C_8H_5F_5O$

FW 212.12

Flammable/Irritant



**0709 Pentafluorophenylhydrazine**

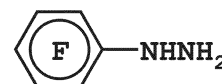
[828-73-9]

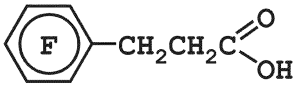
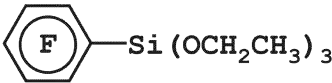
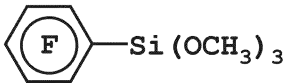
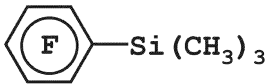
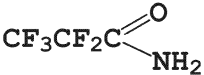
*mp* 75-80°C

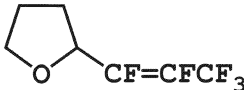
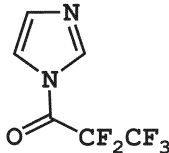
$C_6H_3F_5N_2$

FW 198.10

Harmful/Irritant



<b>0710</b>	<b>3-(Pentafluorophenyl)propionic acid</b> [2002-92-8] <i>mp</i> 95-96°C $C_9H_5F_5O_2$ FW 240.13 Corrosive/Irritant	
<b>0711</b>	<b>Triethoxy(pentafluorophenyl)silane</b> [20083-34-5] <i>bp</i> 235-238°C $n_D^{20}$ 1,4180 $d$ 1,242 <i>fp</i> 104°C $C_{12}H_{15}F_5O_3Si$ FW 330.33 Irritant	
<b>0712</b>	<b>Trimethoxy(pentafluorophenyl)silane</b> [223668-64-2] <i>bp</i> 137-138°C $C_9H_9F_5O_3Si$ FW 288.25 Irritant	
<b>0713</b>	<b>Trimethyl(pentafluorophenyl)silane</b> [1206-46-8] <i>bp</i> 170-172°C $n_D^{20}$ 1,4330 $d$ 1,261 <i>fp</i> 54°C $C_9H_9F_5Si$ FW 240.25 Irritant	
<b>0714</b>	<b>Pentafluoropropionamide</b> [354-76-7] <i>mp</i> 95°C $C_3H_2F_5NO$ FW 163.05 Irritant	
<b>0715</b>	<b>Pentafluoropropionitrile</b> [422-04-8] <i>bp</i> -35°C $C_3F_5N$ FW 145.03 Toxic	$CF_3CF_2CN$
<b>0716</b>	<b>Pentafluoropropionic anhydride, 99%</b> [356-42-3] <i>bp</i> 71-72°C $n_D$ 1,273( $t=25^\circ C$ ) $d$ 1,589 <i>fp</i> none $C_6F_{10}O_3$ FW 310.05 Corrosive/Moisture Sensitive/Stench	$(CF_3CF_2CO)_2O$
<b>0717</b>	<b>2,2,3,3,3-Pentafluoropropan-1-ol, 98%</b> [422-05-9] <i>bp</i> 80-81°C $n_D^{20}$ 1,2880-1,2904 $d$ 1,505 <i>fp</i> none $C_3H_3F_5O$ FW 150.05 Harmful/Irritant	$CF_3CF_2CH_2OH$

0718	<b>1,1,3,3,3-Pentafluoropropene</b> [690-27-7] <i>mp</i> -153°C <i>bp</i> -21°C $C_3HF_5$ FW 132.03 Flammable	$CF_3CH=CF_2$
0720	<b>2-(Pentafluoroprop-1-enyl)tetrahydrofuran</b> [247113-92-4] (E)[74727-27-8] (Z)[74727-22-3] <i>bp</i> 128-130°C <i>d</i> 1,339 $C_7H_7F_5O$ FW 202.12 Irritant	
0721	<b>Pentafluoropropanal hydrate</b> [422-63-9] <i>mp</i> 53-54°C <i>bp</i> 93-94°C $n_D^{20}$ 1,322 $C_3H_3F_5O_2$ FW 166.05 Irritant	$CF_3CF_2C(=O)H \cdot H_2O$
0722	<b>Pentafluoropropionaldehyde methyl hemiacetal</b> [59872-84-3] $C_4H_5F_5O_2$ FW 180.07 Irritant	$CF_3CF_2CH(OH)OCH_3$
0723	<b>Pentafluoropropionic acid, 98%</b> [422-64-0] <i>bp</i> 96-98°C $n_D^{20}$ 1,2840 <i>d</i> 1,561 <i>fp</i> none $C_3HF_5O_2$ FW 164.03 Corrosive/Harmful/Hygroscopic/Stench	$CF_3CF_2C(=O)OH$
0724	<b>Pentafluoropropionyl bromide</b> [64609-91-2] <i>bp</i> 27°C <i>d</i> 1,72 $C_3BrF_5O$ FW 226.93 Corrosive/Moisture Sensitive	$CF_3CF_2C(=O)Br$
0725	<b>Pentafluoropropionyl chloride</b> [422-59-3] <i>bp</i> 7-9°C <i>d</i> 1,65 <i>fp</i> none $C_3ClF_5O$ FW 182.48 Corrosive/Moisture Sensitive	$CF_3CF_2C(=O)Cl$
0726	<b>N-(Pentafluoropropionyl)imidazole</b> [71735-32-5] <i>bp</i> 46-47°C/15 mm Hg $C_6H_3F_5N_2O$ FW 214.09 Irritant/Hygroscopic/Keep Cold	

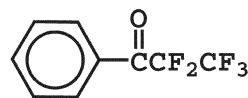
**0727 Pentafluoroethyl phenyl ketone**

[394-52-5]

*bp* 160-161°C *n*<sub>D</sub><sup>20</sup> 1,4265 *d* 1,372C<sub>9</sub>H<sub>5</sub>F<sub>5</sub>O

FW 224.13

Flammable

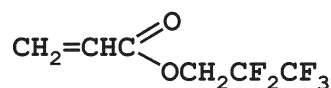
**0728 2,2,3,3,3-Pentafluoropropyl acrylate**

[356-86-5]

*bp* 49-50°C/100 mm Hg *n*<sub>D</sub><sup>20</sup> 1,3360 *d* 1,320 *fp* 22°CC<sub>6</sub>H<sub>5</sub>F<sub>5</sub>O<sub>2</sub>

FW 204.10

Flammable/Irritant

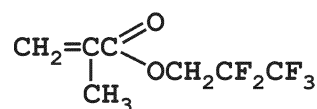
**0731 2,2,3,3,3-Pentafluoropropyl methacrylate**

[45115-53-5]

*bp* 54-55°C/100 mm Hg *n*<sub>D</sub><sup>20</sup> 1,3480 *d* 1,279C<sub>7</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub>

FW 218.12

Flammable/Irritant/Lachrymatory

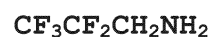
**0732 2,2,3,3,3-Pentafluoropropylamine**

[422-03-7]

*bp* 49-50°C *n*<sub>D</sub><sup>20</sup> 1,2970 *d* 1,400C<sub>3</sub>H<sub>4</sub>F<sub>5</sub>N

FW 149.06

Harmful

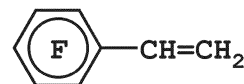
**0733 2,3,4,5,6-Pentafluorostyrene, 99%**

[653-34-9]

*bp* 140-141°C *n*<sub>D</sub><sup>20</sup> 1,4414-1,4460 *d* 1,406 *fp* 34°CC<sub>8</sub>H<sub>3</sub>F<sub>5</sub>

FW 194.10

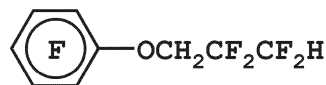
Flammable/Keep Cold

**0734 (2,2,3,3-Tetrafluoropropoxy)pentafluorobenzene**

[89847-87-0]

*bp* 154-156°CC<sub>9</sub>H<sub>3</sub>F<sub>9</sub>O

FW 298.11

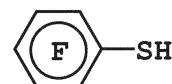
**0735 Pentafluorothiophenol**

[771-62-0]

*mp* -24°C *bp* 143-144°C *n*<sub>D</sub><sup>20</sup> 1,4650 *d* 1,572 *fp* 51°CC<sub>6</sub>HF<sub>5</sub>S

FW 200.13

Flammable/Harmful/Stench/Corrosive/Air Sensitive

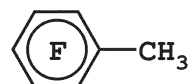
**0736 Methylpentafluorobenzene**

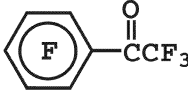
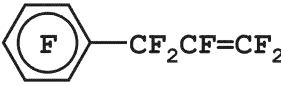
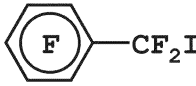
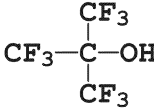
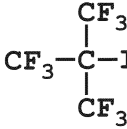

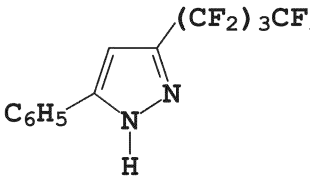
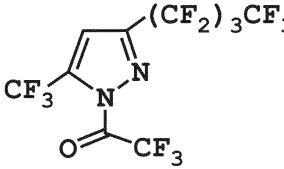
[771-56-2]

*mp* -30°C *bp* 116-117°C *n*<sub>D</sub><sup>20</sup> 1,4021-1,4030 *d* 1,439 *fp* 34°CC<sub>7</sub>H<sub>3</sub>F<sub>5</sub>

FW 182.09

Flammable/Irritant

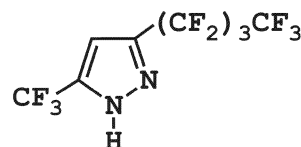


<b>0737</b>	<b>Perfluoroacetophenone</b> [652-22-2] <i>bp</i> 130-132°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3924 <i>d</i> 1,47 <i>fp</i> 58°C C <sub>8</sub> F <sub>8</sub> O FW 264.07 Irritant	
<b>0738</b>	<b>Perfluoroallylbenzene</b> [67899-41-6] <i>mp</i> -38°C <i>bp</i> 136-138°C <i>n</i> <sub>D</sub> 1,3841( <i>t</i> =22,4°C) <i>d</i> 1,708 C <sub>9</sub> F <sub>10</sub> FW 298.08 Irritant	
<b>0739</b>	<b>Heptafluorobenzyl iodide</b> [79865-03-5] <i>bp</i> 87-90°C/45 mm Hg <i>d</i> 2,185 C <sub>7</sub> F <sub>7</sub> I FW 343.97 Irritant	
<b>0740</b>	<b>Perfluoro-tert-butanol, 98%</b> [2378-02-1] <i>mp</i> -15°C <i>bp</i> 44-45°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,27 <i>d</i> 1,6930 <i>fp</i> none C <sub>4</sub> HF <sub>9</sub> O FW 236.04 Irritant/Keep Cold/Toxic	
<b>0743</b>	<b>Perfluoro-tert-butyl iodide</b> [4459-18-1] <i>mp</i> 60°C C <sub>4</sub> F <sub>9</sub> I FW 345.93 Irritant/Light Sensitive/Toxic	
<b>0744</b>	<b>2,2,3,3,4,4,4-Heptafluorobutylamine</b> [374-99-2] <i>bp</i> 68°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,298-1,300 <i>d</i> 1,493 C <sub>4</sub> H <sub>4</sub> F <sub>7</sub> N FW 199.07 Corrosive	
<b>0746</b>	<b>3(5)-Nonafluorobutyl-5(3)-phenylpyrazole</b> [204130-95-0] C <sub>13</sub> H <sub>7</sub> F <sub>9</sub> N <sub>2</sub> FW 362.20	
<b>0747</b>	<b>1-Trifluoroacetyl-3(5)-nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole</b> [261778-37-4] C <sub>10</sub> HF <sub>15</sub> N <sub>2</sub> O FW 450.11 Irritant	



**0748 3(5)-Nonafluorobutyl-5(3)-(trifluoromethyl)pyrazole**  
[1239972-69-0]

$C_8H_2F_{12}N_2$   
FW 354.10

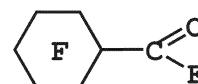


**0756 Perfluorocyclohexanecarbonyl fluoride 85% (tech)**  
[6588-63-2]

*bp 80-82°C d 1,6 fp none*

$C_7F_{12}O$   
FW 328.06

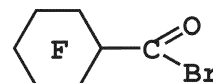
Corrosive/Moisture Sensitive/Irritant



**0757 Perfluorocyclohexanecarbonyl bromide, 96%**  
[261761-76-6]

$C_7BrF_{11}O$   
388.96

Corrosive/Moisture Sensitive/Irritant

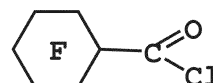


**0758 Perfluorocyclohexanecarbonyl chloride, 95%**  
[58816-79-8]

*bp 107°C d 1,4*

$C_7ClF_{11}O$   
FW 344.51

Corrosive/Moisture Sensitive/Irritant

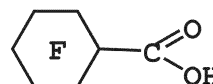


**0759 Perfluorocyclohexanecarboxylic acid, 95%**  
[374-88-9]

*bp 96°C/34 mm Hg n<sub>D</sub><sup>20</sup> 1,325 d 1,78*

$C_7HF_{11}O_2$   
FW 326.07

Corrosive/Irritant



**0760 Decafluorocyclohexene, 94%**  
[355-75-9]

*bp 52-53°C n<sub>D</sub><sup>20</sup> 1,293 d 1,665*

$C_6F_{10}$   
FW 262.05

Irritant

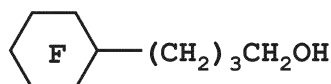


**0761 4-(Perfluorocyclohexyl)butan-1-ol, 95%**  
[883546-00-7]

*bp 93°C/5 mm Hg d 1,7*

$C_{10}H_9F_{11}O$   
FW 354.16

Irritant

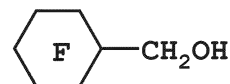


**0762 (Perfluorocyclohexyl)methanol, 95%**  
[28788-68-3]

*mp 37°C bp 144-146°C d 1,700 fp 63°C*

$C_7H_9F_{11}O$   
FW 312.08

Irritant



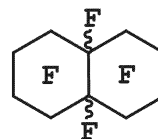
**0763 cis/trans-Perfluorodecalin, 99%**

[306-94-5]

*mp* 2-4°C *bp* 141-142°C *n*<sub>D</sub><sup>20</sup> 1,3145-1,3155 *d* 1,906 *fp* none

C<sub>10</sub>F<sub>18</sub>

FW 462.08



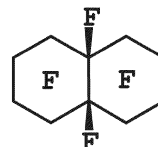
**0764 cis-Perfluorodecalin**

[60433-11-6]

*mp* -7°C *bp* 142-144°C *n*<sub>D</sub> 1,3179(*t*=18°C) *d* 1,920 *fp* none

C<sub>10</sub>F<sub>18</sub>

FW 462.08



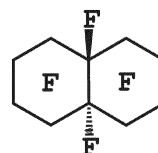
**0765 trans-Perfluorodecalin, 99%+**

[60433-12-7]

*mp* 22,5-23°C *bp* 140-142°C *n*<sub>D</sub><sup>20</sup> 1,3130 *d* 1,920 *fp* none

C<sub>10</sub>F<sub>18</sub>

FW 462.08



**0766 1H,10H-Perfluorodecane**

[3492-24-8]

*mp* 42-43°C *bp* 153-154°C *fp* 66°C

C<sub>10</sub>H<sub>2</sub>F<sub>20</sub>

FW 502.09

Irritant



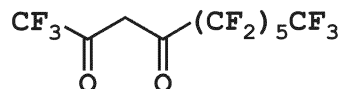
**0767 3H,3H-Perfluorodecane-2,4-dione**

[147874-76-8]

C<sub>10</sub>H<sub>2</sub>F<sub>16</sub>O<sub>2</sub>

FW 458.10

Irritant



**0768 1H,1H,2H,2H-Perfluorodecan-1-ol**

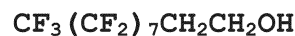
[678-39-7]

*mp* 43-47°C *bp* 115°C/20 mm Hg *n*<sub>D</sub> 1,3089(*t*=50°C) *d* 1,7 *fp* none

C<sub>10</sub>H<sub>5</sub>F<sub>17</sub>O

FW 464.12

Irritant



**0769 1H,1H,2H-Perfluorodec-1-ene**

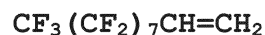
[21652-58-4]

*bp* 146-150°C *n*<sub>D</sub><sup>20</sup> 1,3000 *d* 1,680 *fp* 51°C

C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>

FW 446.11

Irritant



**0771 1H,1H,2H,2H-Perfluorodecyl acrylate**

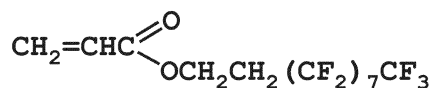
[27905-45-9]

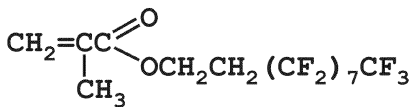
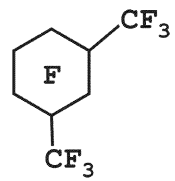
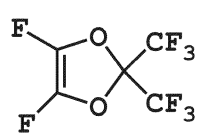
*bp* 90°C/4 mm Hg *n*<sub>D</sub><sup>20</sup> 1,3370 *d* 1,637

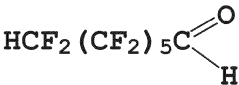
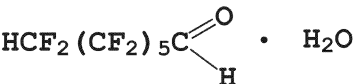
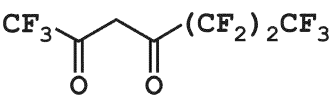
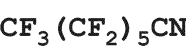
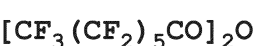
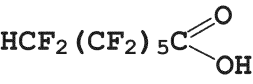
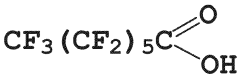
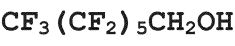
C<sub>13</sub>H<sub>7</sub>F<sub>17</sub>O<sub>2</sub>

FW 518.17

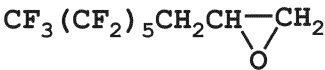
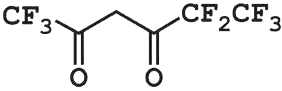
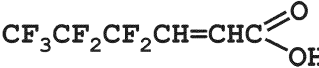
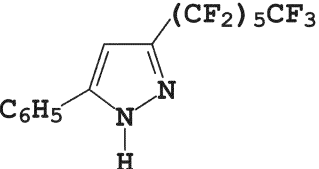
Irritant/Keep Cold



<b>0772</b>	<b>1H,1H,2H,2H-Perfluorodecyl methacrylate</b> [1996-88-9] <i>bp</i> 118-122°C/4 mm Hg $n_D^{20}$ 1,3430 $d$ 1,596 <i>fp</i> 110°C $C_{14}H_9F_{17}O_2$ FW 532.20 Irritant/Keep Cold	
<b>0773</b>	<b>1H,1H,2H,2H-Perfluorodecylamine</b> [30670-30-5] <i>mp</i> 15-20°C <i>bp</i> 73°C/7 mm Hg $d$ 1,4 $C_{10}H_6F_{17}N$ FW 463.14 Irritant	$CF_3(CF_2)_7CH_2CH_2NH_2$
<b>0774</b>	<b>Hexafluoro-2,3-bis(trifluoromethyl)butane-2,3-diol, 96%</b> [918-21-8] <i>mp</i> 18-20°C <i>bp</i> 128-129°C $n_D^{20}$ 1,3102 $d$ 1,86 $C_6H_2F_{12}O_2$ FW 334.06 Irritant	$(CF_3)_2C(OH)-C(OH)(CF_3)_2$
<b>0775</b>	<b>Perfluoro(1,3-dimethylcyclohexane), tech.</b> [335-27-3] <i>mp</i> -70°C <i>bp</i> 101-102°C $n_D^{20}$ 1,2908-1,3000 $d$ 1,828 <i>fp</i> none $C_8F_{16}$ FW 400.06 Irritant	
<b>0776</b>	<b>Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride</b> [2641-34-1] <i>bp</i> 113-115°C $d$ 1,800 <i>fp</i> none $C_9F_{18}O_3$ FW 498.07 Corrosive/Moisture Sensitive	$F(CF_3CF_2O)_2CFCF_3$
<b>0777</b>	<b>Perfluoro(2,2-dimethyl-1,3-dioxole)</b> [37697-64-6] <i>bp</i> 32-33°C $n_D^{20}$ 1,3005 $d$ 1,67 $C_5F_8O_2$ FW 244.04 Irritant/Toxic	
<b>0778</b>	<b>2,3,4,5,5-Hexafluoro-2,4-bis(trifluoromethyl)pentan-1-ol</b> [25065-50-3] <i>bp</i> 135-138°C $d$ 1,6 $C_7H_4F_{12}O$ FW 332.09 Irritant	$CF_3CF_2CHFCF_2CH_2OH$
<b>0779</b>	<b>Perfluoro(2-ethoxyethane)sulfonic acid</b> [113507-82-7] <i>bp</i> 197-198°C $d$ 1,25 <i>fp</i> none $C_4HF_9O_4S$ FW 316.10 Corrosive/Hygroscopic	$CF_3CF_2OCF_2CF_2SO_3H$

<b>0781</b>	<b>7H-Perfluoroheptanal</b> [647-44-9] <i>bp</i> 125°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,298 <i>d</i> 1,35 C <sub>7</sub> H <sub>2</sub> F <sub>12</sub> O FW 330.07 Air Sensitive/Irritant	
<b>0782</b>	<b>7H-Perfluoroheptanal hydrate</b> [812-87-3] [261503-39-3] component [647-44-9] <i>mp</i> 70-71°C C <sub>7</sub> H <sub>4</sub> F <sub>12</sub> O <sub>2</sub> FW 348.09 Irritant	
<b>0783</b>	<b>3H,3H-Decafluoroheptane-2,4-dione</b> [20583-66-8] <i>bp</i> 98-100°C C <sub>7</sub> H <sub>2</sub> F <sub>10</sub> O <sub>2</sub> FW 308.08 Corrosive/Irritant	
<b>0784</b>	<b>Perfluoroheptanenitrile</b> [62038-08-8] <i>bp</i> 80-83°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2767 <i>d</i> 1,6274 C <sub>7</sub> F <sub>13</sub> N FW 345.06 Irritant	
<b>0785</b>	<b>Perfluoroheptanoic anhydride, 98%</b> [78225-99-7] C <sub>14</sub> F <sub>26</sub> O <sub>3</sub> FW 710.11 Corrosive/Moisture Sensitive	
<b>0786</b>	<b>7H-Perfluoroheptanoic acid, 98%</b> [1546-95-8] <i>mp</i> 34°C <i>bp</i> 190-193°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,318 <i>d</i> 1,78 C <sub>7</sub> H <sub>2</sub> F <sub>12</sub> O <sub>2</sub> FW 346.07 Corrosive	
<b>0787</b>	<b>Perfluoroheptanoic acid, 98%</b> [375-85-9] <i>mp</i> 30°C <i>bp</i> 175-177°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3060 <i>d</i> 1,792 <i>fp</i> >110°C C <sub>7</sub> HF <sub>13</sub> O <sub>2</sub> FW 364.06 Corrosive	
<b>0788</b>	<b>1H,1H-Perfluoroheptan-1-ol, 98%</b> [375-82-6] <i>bp</i> 145-147°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3038 <i>d</i> 1,748 C <sub>7</sub> H <sub>3</sub> F <sub>13</sub> O FW 350.08 Irritant	

<b>0789</b>	<b>1H,1H,7H-Perfluoroheptan-1-ol, 98%</b> [335-99-9] <i>mp</i> -14°C <i>bp</i> 170-172°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3180 <i>d</i> 1,753 C <sub>7</sub> H <sub>4</sub> F <sub>12</sub> O FW 332.09 Irritant	<b>HCF<sub>2</sub> (CF<sub>2</sub>)<sub>5</sub>CH<sub>2</sub>OH</b>
<b>0790</b>	<b>7H-Perfluoroheptanoyl bromide</b> [141893-84-7]  C <sub>7</sub> HBrF <sub>12</sub> O FW 408.96 Corrosive/Moisture Sensitive	<b>HCF<sub>2</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)Br</b>
<b>0791</b>	<b>Perfluoroheptanoyl bromide</b> [159623-34-4]  C <sub>7</sub> BrF <sub>13</sub> O FW 426.97 Corrosive/Moisture Sensitive	<b>CF<sub>3</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)Br</b>
<b>0792</b>	<b>7H-Perfluoroheptanoyl chloride, 95% min</b> [41405-35-0] <i>bp</i> 67°C/70 mm Hg C <sub>7</sub> HCIF <sub>12</sub> O FW 364.52 Corrosive/Moisture Sensitive	<b>HCF<sub>2</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)Cl</b>
<b>0793</b>	<b>Perfluoroheptanoyl chloride</b> [52447-22-0] <i>bp</i> 113°C <i>d</i> 1,65 C <sub>7</sub> ClF <sub>13</sub> O FW 382.51 Corrosive/Moisture Sensitive	<b>CF<sub>3</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)Cl</b>
<b>0794</b>	<b>7H-Perfluoroheptanoyl fluoride</b> [5927-65-1] <i>bp</i> 104-105°C <i>d</i> 1,71 C <sub>7</sub> HF <sub>13</sub> O FW 348.06 Corrosive/Moisture Sensitive	<b>HCF<sub>2</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)F</b>
<b>0795</b>	<b>Perfluoroheptanoyl fluoride</b> [375-84-8] <i>bp</i> 85-87°C <i>n</i> <sub>D</sub> 1,2704( <i>t</i> =25°C) <i>d</i> 1,683 C <sub>7</sub> F <sub>14</sub> O FW 366.05 Corrosive/Moisture Sensitive	<b>CF<sub>3</sub> (CF<sub>2</sub>)<sub>5</sub>C(=O)F</b>
<b>0796</b>	<b>1H,1H-Perfluoroheptylamine</b> [423-49-4] <i>bp</i> 129°C/740 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,309 <i>d</i> 1,624 C <sub>7</sub> H <sub>4</sub> F <sub>13</sub> N FW 349.09 Irritant	<b>CF<sub>3</sub> (CF<sub>2</sub>)<sub>5</sub>CH<sub>2</sub>NH<sub>2</sub></b>

<b>0797</b>	<b>(1H,1H-Perfluoroheptyl)oxirane</b> [38565-52-5] <i>bp</i> 169-170°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3810 <i>d</i> 1,638 <i>fp</i> 100°C C <sub>9</sub> H <sub>5</sub> F <sub>13</sub> O FW 376.12 Irritant	
<b>0798</b>	<b>1H,6H-Perfluorohexane, 98%</b> [336-07-2] <i>bp</i> 84-85°C <i>d</i> 1,683 C <sub>6</sub> H <sub>2</sub> F <sub>12</sub> FW 302.06 Irritant	$\text{HCF}_2(\text{CF}_2)_4\text{CF}_2\text{H}$
<b>0799</b>	<b>1H-Perfluorohexane, 98%</b> [355-37-3] <i>bp</i> 70-72°C <i>n</i> <sub>D</sub> 1,2685( <i>t</i> =24°C) <i>d</i> 1,684 <i>fp</i> >110°C C <sub>6</sub> HF <sub>13</sub> FW 320.05 Irritant	$\text{CF}_3(\text{CF}_2)_4\text{CF}_2\text{H}$
<b>0800</b>	<b>Perfluorohexane, 99%</b> [355-42-0] <i>mp</i> -70°C <i>bp</i> 59-60°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2515 <i>d</i> 1,681 <i>fp</i> none C <sub>6</sub> F <sub>14</sub> FW 338.04 Non-flammable/Irritant	$\text{CF}_3(\text{CF}_2)_4\text{CF}_3$
<b>0801</b>	<b>3H,3H-Octafluorohexane-2,4-dione</b> [20825-07-4] <i>bp</i> 87-89°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3260 <i>d</i> 1,538 <i>fp</i> none C <sub>6</sub> H <sub>2</sub> F <sub>8</sub> O <sub>2</sub> FW 258.07 Irritant	
<b>0803</b>	<b>1H,1H,2H-Nonafluorohex-1-ene</b> [19430-93-4] <i>bp</i> 59-59,5°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2890 <i>d</i> 1,457 C <sub>6</sub> H <sub>3</sub> F <sub>9</sub> FW 246.08 Flammable/Irritant/Keep Cold	$\text{CF}_3(\text{CF}_2)_3\text{CH}=\text{CH}_2$
<b>0804</b>	<b>4,4,5,5,6,6,6-Heptafluorohex-2-enoic acid</b> [356-03-6] (E)[37759-76-5] <i>mp</i> 48,5-49°C <i>bp</i> 80-81°C/10 mm Hg C <sub>6</sub> H <sub>3</sub> F <sub>7</sub> O <sub>2</sub> FW 240.08 Corrosive	
<b>0806</b>	<b>3(5)-Perfluorohexyl-5(3)-phenylpyrazole</b> [510768-12-4] C <sub>15</sub> H <sub>7</sub> F <sub>13</sub> N <sub>2</sub> FW 462.21	

0808	<b>1-Trifluoroacetyl-3(5)-perfluorohexyl-5(3)-(trifluoromethyl)pyrazole</b> [261778-38-5]	
	$C_{12}H_2F_{19}N_2O$ FW 550.12 Irritant	
0809	<b>3(5)-Perfluorohexyl-5(3)-(trifluoromethyl)pyrazole</b> [1240309-75-4]	
	$C_{10}H_2F_{16}N_2$ FW 454.11 Irritant	
0810	<b>4,4,4,4',4'-Hexafluoro-DL-valine</b> [16063-80-2] <i>mp</i> 204-207°C $C_5H_5F_6NO_2$ FW 225.09 Irritant	
0811	<b>[2,3,3,3-Tetrafluoro-2-(trifluoromethyl)propyl]oxirane</b> [74328-57-7] <i>bp</i> 81°C $n_D^{20}$ 1,32 $d$ 0,975 <i>fp</i> 21,7°C $C_6H_5F_7O$ FW 226.09 Flammable/Irritant	
0812	<b>4-(Heptafluoroisopropyl)tetrafluorobenzotrifluoride</b> [20017-49-6] <i>bp</i> 151-152°C $d$ 1,67 $C_{10}F_{14}$ FW 386.09 Highly Flammable/Irritant	
0813	<b>Trifluoromethyl trifluorovinyl ether</b> [1187-93-5] <i>bp</i> -22°C $C_3F_6O$ FW 166.02 Gas/Highly Flammable	$CF_2=CFOCF_3$
0814	<b>Perfluoro(methylcyclohexane), 95% min</b> [355-02-2] <i>mp</i> -39°C <i>bp</i> 75-77°C $n_D^{20}$ 1,2815 $d$ 1,7760 <i>fp</i> none $C_7F_{14}$ FW 350.05 Irritant	
0815	<b>Perfluoro-N-(4-methylcyclohexyl)piperidine</b> [86630-50-4] <i>bp</i> 183-185°C $d$ 1,96 $C_{12}F_{23}N$ FW 595.10	

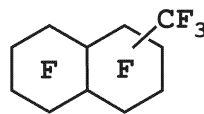
**0816 Perfluoro(methyldecalin) (mixture of isomers), 94%**

[51294-16-7]

*bp* 160°C *n*<sub>D</sub><sup>20</sup> 1,3170 *d* 1,908 *fp* none

C<sub>11</sub>F<sub>20</sub>

FW 512.09



**0818 Perfluoro(2-methyl-3-oxahexanoic) acid**

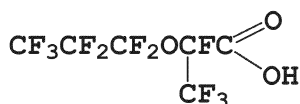
[13252-13-6]

*bp* 143-145°C *d* 1,85 *fp* none

C<sub>6</sub>HF<sub>11</sub>O<sub>3</sub>

FW 330.05

Corrosive/Irritant



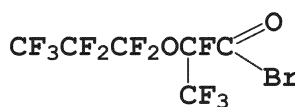
**0819 Perfluoro(2-methyl-3-oxahexanoyl) bromide**

[261760-11-6]

C<sub>6</sub>BrF<sub>11</sub>O<sub>2</sub>

FW 392.96

Corrosive/Irritant/Moisture Sensitive



**0820 Perfluoro(2-methyl-3-oxahexanoyl) chloride**

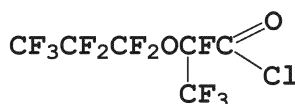
[72848-57-8]

*bp* 80-81°C

C<sub>6</sub>ClF<sub>11</sub>O<sub>2</sub>

FW 348.50

Corrosive/Irritant/Moisture Sensitive



**0821 Perfluoro(2-methyl-3-oxahexanoyl) fluoride**

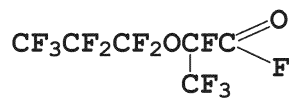
[2062-98-8]

*bp* 55-57°C *d* 1,61

C<sub>6</sub>F<sub>12</sub>O<sub>2</sub>

FW 332.05

Corrosive/Irritant/Moisture Sensitive



**0822 Perfluoro(2-methyl-3-oxahexan)amide**

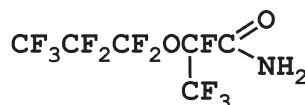
[13140-35-7]

*mp* 58°C

C<sub>6</sub>H<sub>2</sub>F<sub>11</sub>NO<sub>2</sub>

FW 329.07

Irritant



**0823 Perfluoro(2-methyl-3-oxahexanenitrile)**

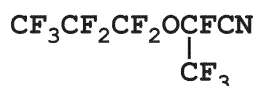
[60308-66-9]

*bp* 49°C

C<sub>6</sub>F<sub>11</sub>NO

FW 311.05

Irritant



**0824 Perfluoro(2-methylpentan-3-one)**

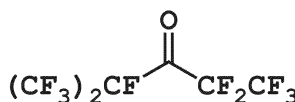
[756-13-8]

*mp* -108°C *bp* 49°C *d* 1,723

C<sub>6</sub>F<sub>12</sub>O

FW 316.10

Irritant



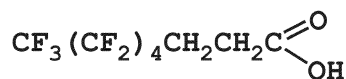


**0825 2H,2H,3H,3H-Perfluorooctanoic acid**  
 [914637-49-3]

 $C_8H_5F_{11}O_2$ 

FW 342.11

Corrosive/Irritant

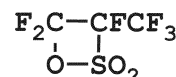

**0826 1-(Trifluoromethyl)trifluoroethanesultone**  
 [773-15-9]

*bp* 46-48°C *n*<sub>D</sub><sup>20</sup> 1,300 *d* 1,667

 $C_3F_6O_3S$ 

FW 230.09

Irritant/Keep Cold

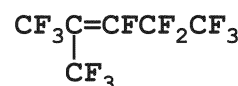

**0827 Perfluoro(2-methylpent-2-ene), 98%**  
 [1584-03-8]

*bp* 51°C *n*<sub>D</sub><sup>20</sup> 1,2631 *d* 1,633 *fp* -12°C

 $C_6F_{12}$ 

FW 300.05

Irritant

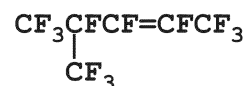

**0828 Perfluoro(4-methylpent-2-ene), 99%**  
 [2070-70-4] (E)[3709-71-5] (Z)[3709-70-4]

*bp* 49°C *n*<sub>D</sub><sup>20</sup> 1,2634(*t*=25°C) *d* 1,58

 $C_6F_{12}$ 

FW 300.05

Irritant

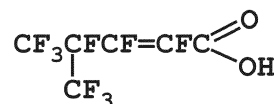

**0829 Hexafluoro-4-(trifluoromethyl)pent-2-enoic acid**  
 [239795-58-5] (E)[103229-89-6]

*mp* 38-40°C *bp* 173-174°C

 $C_6HF_9O_2$ 

FW 276.06

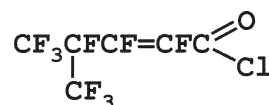
Corrosive


**0830 Hexafluoro-4-(trifluoromethyl)pent-2-enoyl chloride**  
 [207671-78-1]

 $C_6ClF_9O$ 

FW 294.50

Corrosive/Moisture Sensitive

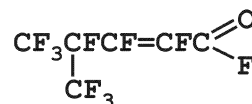

**0831 Hexafluoro-4-(trifluoromethyl)pent-2-enoyl fluoride**  
 [88022-48-4] (E)[103229-77-2]

*bp* 74-76°C

 $C_6F_{10}O$ 

FW 278.05

Corrosive/Moisture Sensitive

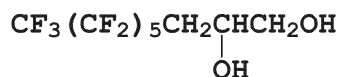

**0832 1H,1H,2H,3H,3H-Perfluorononane-1,2-diol**  
 [107650-06-6]

*mp* 62-64°C *bp* 125-130°C/10 mm Hg *fp* >150°C

 $C_9H_7F_{13}O_2$ 

FW 394.13

Irritant



**0833 5H,5H-Perfluorononane-4,6-dione**

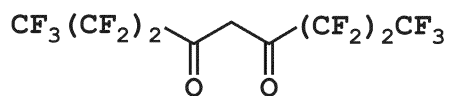
[113116-18-0]

*bp* 98°C *n*<sub>D</sub><sup>20</sup> 1,3230 *d* 1,640 *fp* 57°C

C<sub>9</sub>H<sub>2</sub>F<sub>14</sub>O<sub>2</sub>

FW 408.09

Corrosive/Irritant



**0834 2H,2H,3H,3H-Perfluorononanoic acid**

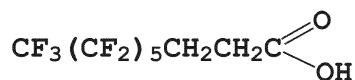
[27854-30-4]

*mp* 62-64°C *bp* 117-118°C/10 mm Hg

C<sub>9</sub>H<sub>5</sub>F<sub>13</sub>O<sub>2</sub>

FW 392.12

Corrosive/Irritant



**0835 9H-Perfluorononanoic acid, 95%**

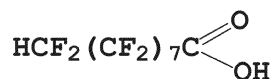
[76-21-1]

*mp* 66-67°C *bp* 123°C/20 mm Hg

C<sub>9</sub>H<sub>2</sub>F<sub>16</sub>O<sub>2</sub>

FW 446.09

Corrosive/Irritant



**0836 Perfluorononanoic acid**

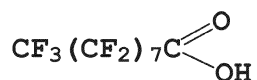
[375-95-1]

*mp* 64-68°C *bp* 103°C/17 mm Hg *fp* none

C<sub>9</sub>HF<sub>17</sub>O<sub>2</sub>

FW 464.08

Corrosive/Irritant



**0837 1H,1H,9H-Perfluorononan-1-ol, 95% min**

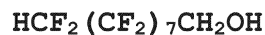
[376-18-1]

*mp* 58-60°C *bp* 155-156°C/200 mm Hg *fp* none

C<sub>9</sub>H<sub>4</sub>F<sub>16</sub>O

FW 432.10

Irritant



**0838 1H,1H-Perfluorononan-1-ol, 98%**

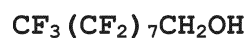
[423-56-3]

*mp* 67-71°C *bp* 176°C

C<sub>9</sub>H<sub>3</sub>F<sub>17</sub>O

FW 450.10

Irritant



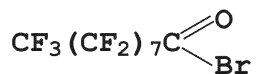
**0839 Perfluorononanoyl bromide**

[261503-42-8]

C<sub>9</sub>BrF<sub>17</sub>O

FW 526.97

Corrosive/Moisture Sensitive



**0840 Perfluorononanoyl chloride**

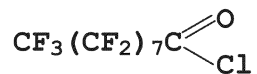
[52447-23-1]


*bp* 153-155°C

C<sub>9</sub>ClF<sub>17</sub>O

FW 482.52

Corrosive/Moisture Sensitive



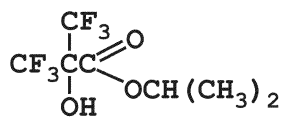
<b>0841</b>	<b>2H,3H-Perfluoronon-2-enoic acid</b> [243139-70-0]	$\text{C}_9\text{H}_3\text{F}_{13}\text{O}_2$ FW 390.10 Corrosive	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHC}(=\text{O})\text{OH}$
<b>0842</b>	<b>1H,1H,2H,3H-Perfluoronon-2-en-1-ol</b> [38550-47-9] <i>bp</i> 71-73°C/29 mm Hg <i>d</i> 1,65	$\text{C}_9\text{H}_5\text{F}_{13}\text{O}$ FW 376.12 Irritant	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHCH}_2\text{OH}$
<b>0843</b>	<b>1H,1H,9H-Perfluorononyl acrylate</b> [4180-26-1] <i>bp</i> 87-88°C/6 mm Hg $n_D^{20}$ 1,3490 <i>d</i> 1,646 <i>fp</i> >110°C	$\text{C}_{12}\text{H}_6\text{F}_{16}\text{O}_2$ FW 486.15 Irritant/Keep Cold	$\text{CH}_2=\text{CHC}(=\text{O})\text{OCH}_2(\text{CF}_2)_7\text{CF}_2\text{H}$
<b>0844</b>	<b>1H,1H-Perfluorononylamine</b> [355-47-5] <i>bp</i> 168°C	$\text{C}_9\text{H}_4\text{F}_{17}\text{N}$ FW 449.11 Irritant	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{NH}_2$
<b>0845</b>	<b>(1H,1H-Perfluorononyl)oxirane</b> [38565-53-6] <i>bp</i> 85-87°C/20 mm Hg $n_D^{20}$ 1,3200 <i>d</i> 1,712 <i>fp</i> >110°C	$\text{C}_{11}\text{H}_5\text{F}_{17}\text{O}$ FW 476.13	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}-\text{CH}_2$ 
<b>0846</b>	<b>2H,2H-Perfluorooctanal</b> [56734-81-7] <i>bp</i> 142°C <i>d</i> 1,755	$\text{C}_8\text{H}_3\text{F}_{13}\text{O}$ FW 362.09 Irritant	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{C}(=\text{O})\text{H}$
<b>0847</b>	<b>1H,8H-Perfluorooctane</b> [307-99-3] <i>mp</i> -15°C <i>bp</i> 134-135°C $n_D$ 1,2878( <i>t</i> =25°C) <i>d</i> 1,755	$\text{C}_8\text{H}_2\text{F}_{16}$ FW 402.08 Irritant	$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{H}$
<b>0849</b>	<b>Perfluorooctanesulfonyl fluoride, 93%</b> [307-35-7] <i>mp</i> 1-2°C <i>bp</i> 154-155°C $n_D^{20}$ 1,299-1,302 <i>d</i> 1,82	$\text{C}_8\text{F}_{18}\text{O}_2\text{S}$ FW 502.12 Corrosive/Moisture Sensitive	$\text{CF}_3(\text{CF}_2)_7\text{SO}_2\text{F}$

**0850 Isopropyl 2-hydroxy-3,3,3-trifluoro-2-(trifluoromethyl)propionate**  
[1309602-08-1]

$C_7H_8F_6O_3$

FW 254.13

Corrosive/Flammable/Moisture Sensitive



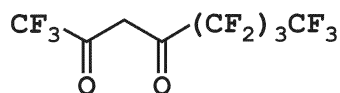
**0851 3H,3H-Perfluorooctane-2,4-dione**  
[261503-40-6]

*bp* 73°C/110 mm Hg

$C_8H_2F_{12}O_2$

FW 358.08

Irritant



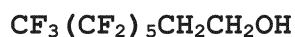
**0852 1H,1H,2H,2H-Perfluorooctan-1-ol**  
[647-42-7]

*bp* 89-90°C/20 mm Hg  $n_D^{20}$  1,3242  $d$  1,6799 *fp* 91°C

$C_8H_5F_{13}O$

FW 364.11

Irritant



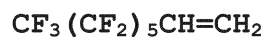
**0853 1H,1H,2H-Perfluorooct-1-ene**  
[25291-17-2]

*bp* 102-104°C  $n_D^{20}$  1,2960  $d$  1,520 *fp* 20°C

$C_8H_3F_{13}$

FW 346.09

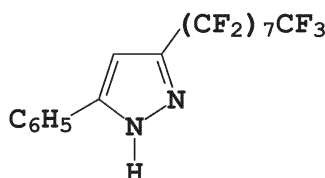
Irritant



**0854 3(5)-Perfluorooctyl-5(3)-phenylpyrazole**  
[1029650-61-0]

$C_{17}H_7F_{17}N_2$

FW 562.23



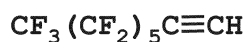
**0855 1H-Perfluorooct-1-yne**  
[55756-24-6]

*bp* 95°C  $d$  1,56

$C_8HF_{13}$

FW 344.08

Irritant



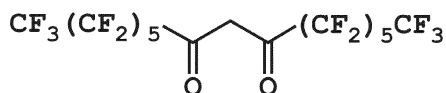
**0856 8H,8H-Perfluoropentadecane-7,9-dione**  
[261503-74-6]

*bp* 122°C/15 mm Hg

$C_{15}H_2F_{26}O_2$

FW 708.14

Irritant



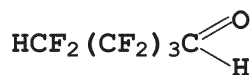
**0857 5H-Octafluoropentanal**  
[2648-47-7]

*bp* 84-86°C  $n_D^{20}$  1,2965  $d$  1,5905

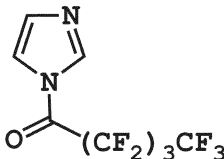
$C_5H_2F_8O$

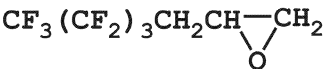
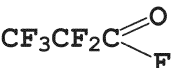

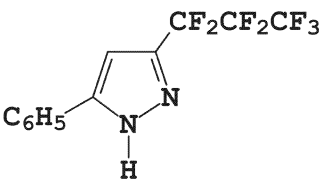
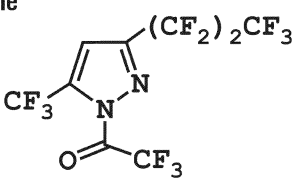
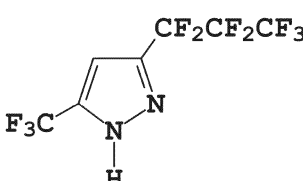
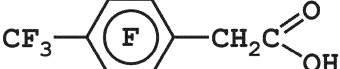
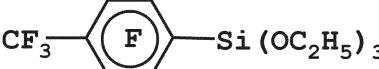
FW 230.06

Hygroscopic/Air Sensitive



<b>0858</b>	<b>Perfluoropentanal hydrate</b> [355-30-6] [907607-08-3] component [375-53-1] <i>mp</i> 38–40°C $C_5H_3F_9O_2$ FW 266.06 Hygroscopic/Irritant	$CF_3(CF_2)_3C(=O)H \cdot H_2O$
<b>0859</b>	<b>5H-Octafluoropentanal hydrate</b> [84336-22-1] <i>mp</i> 50–51°C $C_5H_4F_8O_2$ FW 248.07 Hygroscopic	$HCF_2(CF_2)_3C(=O)H \cdot H_2O$
<b>0860</b>	<b>Nonafluoropentanenitrile</b> [22325-71-9] <i>bp</i> 15°C $C_5F_9N$ FW 245.05 Irritant	$CF_3(CF_2)_3CN$
<b>0861</b>	<b>5H-Octafluoropentanoic acid, 98%</b> [376-72-7] <i>mp</i> 0°C <i>bp</i> 165–166°C <i>d</i> 1,725 <i>fp</i> none $C_5H_2F_8O_2$ FW 246.06 Corrosive/Harmful	$HCF_2(CF_2)_3C(=O)OH$
<b>0862</b>	<b>Nonafluoropentanoic acid, 98%</b> [2706-90-3] <i>bp</i> 140°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2940 <i>d</i> 1,713 <i>fp</i> none $C_5HF_9O_2$ FW 264.05 Corrosive/Irritant	$CF_3(CF_2)_3C(=O)OH$
<b>0863</b>	<b>Nonafluoropentanoic anhydride, 99%</b> [308-28-1] <i>bp</i> 146°C $C_{10}F_{18}O_3$ FW 510.08 Corrosive/Irritant	$(CF_3CF_2CF_2CF_2CO)_2O$
<b>0864</b>	<b>1H,1H,5H-Octafluoropentan-1-ol, 99%</b> [355-80-6] <i>mp</i> –65°C <i>bp</i> 140–141°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,318 <i>d</i> 1,667 <i>fp</i> 75°C $C_5H_4F_8O$ FW 232.07 Irritant	$HCF_2(CF_2)_3CH_2OH$
<b>0865</b>	<b>1H,1H-Nonafluoropentan-1-ol</b> [355-28-2] <i>bp</i> 110–111°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3 <i>d</i> 1,664 $C_5H_3F_9O$ FW 250.06 Irritant	$CF_3(CF_2)_3CH_2OH$

<b>0866</b>	<b>5H-Octafluoropentanoyl bromide</b> [376-69-2] <i>bp</i> 101-103°C $C_5HBrF_8O$ FW 308.95 Corrosive/Moisture Sensitive	$HCF_2(CF_2)_3C(=O)Br$
<b>0867</b>	<b>Nonafluoropentanoyl bromide</b> [159623-35-5] <i>bp</i> 80-82°C $C_5BrF_9O$ FW 326.94 Corrosive/Moisture Sensitive	$CF_3(CF_2)_3C(=O)Br$
<b>0868</b>	<b>5H-Octafluoropentanoyl chloride</b> [376-71-6] <i>bp</i> 90°C <i>d</i> 1,66 $C_5HClF_8O$ FW 264.50 Corrosive/Moisture Sensitive	$HCF_2(CF_2)_3C(=O)Cl$
<b>0869</b>	<b>Nonafluoropentanoyl chloride, 98%</b> [375-60-0] <i>bp</i> 67-68°C $C_5ClF_9O$ FW 282.49 Corrosive/Irritant/Moisture Sensitive	$CF_3(CF_2)_3C(=O)Cl$
<b>0870</b>	<b>5H-Octafluoropentanoyl fluoride</b> [813-03-6] <i>bp</i> 57-59°C $C_5HF_9O$ FW 248.05 Corrosive/Moisture Sensitive	$HCF_2(CF_2)_3C(=O)F$
<b>0873</b>	<b>N-(Nonafluoropentanoyl)imidazole</b> [883546-05-2]  $C_8H_3F_9N_2O$ FW 314.11	
<b>0875</b>	<b>3-(1H,1H,5H-Octafluoropentoxyl)-1,2-propenoxide</b> [19932-27-5] <i>bp</i> 112°C/25 mm Hg $n_D^{20}$ 1,353 <i>d</i> 1,509 $C_8H_8F_8O_2$ FW 288.14 Flammable	$HCF_2(CF_2)_3CH_2OCH_2CH=CH_2$
<b>0877</b>	<b>1H,1H-Nonafluoropentylamine</b> [355-27-1] <i>bp</i> 87°C $n_D^{20}$ 1,3005 <i>d</i> 1,35 $C_5H_4F_9N$ FW 249.08 Irritant	$CF_3(CF_2)_3CH_2NH_2$

<b>0878</b>	<b>(1H,1H-Perfluoropentyl)oxirane</b> [81190-28-5] <i>bp</i> 84-86°C/150 mm Hg $n_D^{20}$ 1,3199 $d$ 1,545 <i>fp</i> 45°C $C_7H_5F_9O$ FW 276.10 Irritant	
<b>0879</b>	<b>Pentafluoropropionyl fluoride</b> [422-61-7] <i>bp</i> -28°C $C_3F_6O$ FW 166.02 Corrosive/Moisture Sensitive	
<b>0880</b>	<b>Heptafluoropropyl trifluorovinyl ether</b> [1623-05-8] <i>mp</i> -70°C <i>bp</i> 35-36°C $d$ 1,581 $C_5F_{10}O$ FW 266.04 High Flammable/Irritant	
<b>0881</b>	<b>3(5)-Heptafluoropropyl-5(3)-phenylpyrazole</b> [54864-78-7] <i>mp</i> 85°C $C_{12}H_7F_7N_2$ FW 312.19	
<b>0883</b>	<b>1-Trifluoroacetyl-3(5)-heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole</b> [261778-39-6] $C_9HF_{13}N_2O$ FW 400.10 Irritant	
<b>0884</b>	<b>3(5)-Heptafluoropropyl-5(3)-(trifluoromethyl)pyrazole</b> [261761-18-6] <i>bp</i> 68-69°C/7 mm Hg $d$ 1,428 $C_7H_2F_{10}N_2$ FW 304.09	
<b>0885</b>	<b>2,3,5,6-Tetrafluoro-4-(trifluoromethyl)phenylacetic acid</b> [32304-29-3] <i>mp</i> 77-80°C $C_9H_3F_7O_2$ FW 276.11 Corrosive	
<b>0886</b>	<b>Triethoxy[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]silane</b> [561069-04-3] <i>bp</i> 90°C/2 mm Hg $n_D^{20}$ 1,4068 $d$ 1,29 $C_{13}H_{15}F_7O_3Si$ FW 380.33 Corrosive/Irritant	

<b>0887</b>	<b>1H,1H,13H-Perfluorotridecan-1-ol, 90%</b> [423-72-3] <i>mp</i> 129-130°C <i>bp</i> 200-202°C/200 mm Hg $C_{13}H_4F_{24}O$ FW 632.14 Irritant	$HCF_2 (CF_2)_{11}CH_2OH$
<b>0888</b>	<b>1H,1H,2H,3H,3H-Perfluoroundecane-1,2-diol</b> [94159-84-9] <i>mp</i> 114-116°C <i>bp</i> 125-135°C/0,8 mm Hg <i>d</i> 1,348 $C_{11}H_7F_{17}O_2$ FW 494.15 Irritant	$CF_3 (CF_2)_7CH_2CH(OH)CH_2OH$
<b>0889</b>	<b>6H,6H-Perfluoroundecane-5,7-dione</b> [261503-82-6] $C_{11}H_2F_{18}O_2$ FW 508.11 Irritant	$CF_3 (CF_2)_3C(=O)CH_2C(=O)(CF_2)_3CF_3$
<b>0890</b>	<b>11H-Perfluoroundecanoic acid, 94%</b> [1765-48-6] <i>mp</i> 108°C <i>bp</i> 152°C/23 mm Hg <i>fp</i> >100°C $C_{11}H_2F_{20}O_2$ FW 546.10 Corrosive	$HCF_2 (CF_2)_9C(=O)OH$
<b>0891</b>	<b>1H,1H,11H-Perfluoroundecan-1-ol, 94%</b> [307-70-0] <i>mp</i> 95-97°C <i>bp</i> 180-181°C/200 mm Hg $C_{11}H_4F_{20}O$ FW 532.12 Irritant	$HCF_2 (CF_2)_9CH_2OH$
<b>0892</b>	<b>11H-Perfluoroundecanoyl chloride, 95%</b> [2248-93-3] <i>mp</i> 54-56°C <i>bp</i> 109-110°C/22 mm Hg $C_{11}HClF_{20}O$ FW 564.55 Corrosive/Moisture Sensitive	$HCF_2 (CF_2)_9C(=O)Cl$
<b>0893</b>	<b>1H,1H,11H-Perfluoroundecyl acrylate, 92%</b> [4998-38-3] <i>mp</i> 45-47°C <i>bp</i> 115°C/1 mm Hg $C_{14}H_6F_{20}O_2$ FW 586.17 Irritant/Keep Cold	$CH_2=CHC(=O)OCH_2 (CF_2)_9CF_2H$
<b>0894</b>	<b>1H,1H,11H-Perfluoroundecyl methacrylate, 92%</b> [41123-44-8] <i>mp</i> 36-38°C <i>bp</i> 110°C/0,05 mm Hg $C_{15}H_8F_{20}O_2$ FW 600.20 Irritant/Keep Cold	$CH_2=C(CH_3)C(=O)OCH_2 (CF_2)_9CF_2H$



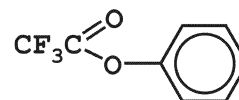
**0896 Phenyl trifluoroacetate, 98%**

[500-73-2]

 $mp -9^{\circ}C$   $bp 153-155^{\circ}C$   $n_D^{20} 1,4187-1,4197$   $d 1,276$   $fp 52^{\circ}C$ 
 $C_8H_5F_3O_2$ 

FW 190.12

Irritant/Moisture Sensitive/Flammable

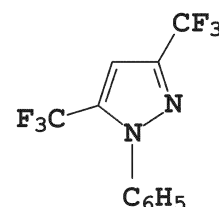

**0897 1-Phenyl-3,5-bis(trifluoromethyl)pyrazole**

[140647-19-4]

 $mp 19-20^{\circ}C$   $bp 60^{\circ}C/1\text{ mm Hg}$ 
 $C_{11}H_6F_6N_2$ 

FW 280.17

Irritant

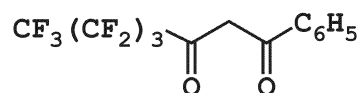

**0898 1-Phenyl-2H,2H-perfluoroheptane-1,3-dione**

[168920-97-6]

 $C_{13}H_7F_9O_2$ 

FW 366.19

Irritant

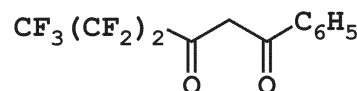

**0899 1-Phenyl-2H,2H-perfluorohexane-1,3-dione**

[53580-21-5]

 $bp 70^{\circ}C/0,1\text{ mm Hg}$ 
 $C_{12}H_7F_7O_2$ 

FW 316.18

Irritant

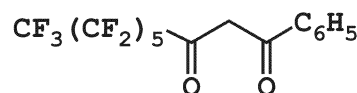

**0900 1-Phenyl-2H,2H-perfluorononane-1,3-dione**

[99338-16-6]

 $mp 32-35^{\circ}C$   $bp 152-153^{\circ}C/14\text{ mm Hg}$ 
 $C_{15}H_7F_{13}O_2$ 

FW 466.20

Irritant

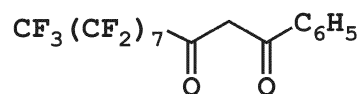

**0901 1-Phenyl-2H,2H-perfluoroundecane-1,3-dione**

[141522-69-2]

 $mp 58-60^{\circ}C$   $bp 167-168^{\circ}C/14\text{ mm Hg}$ 
 $C_{17}H_7F_{17}O_2$ 

FW 566.22

Irritant

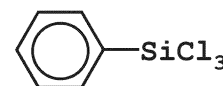

**0902 Phenyltrichlorosilane, 99%**

[98-13-5]

 $bp 200-202^{\circ}C$   $n_D^{20} 1,5215-1,5239$   $d 1,324$   $fp 91^{\circ}C$ 
 $C_6H_5Cl_3Si$ 

FW 211.55

Corrosive/Harmful/Moisture Sensitive

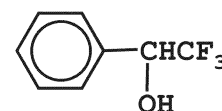

**0903 1-Phenyl-2,2,2-trifluoroethanol**

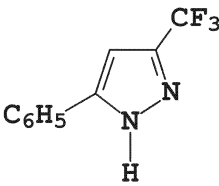
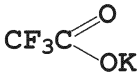
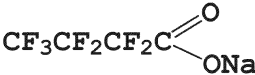
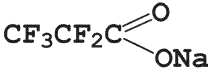
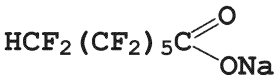
[340-05-6]

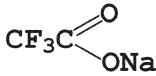
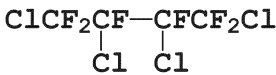

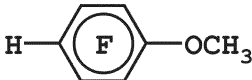
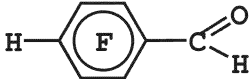
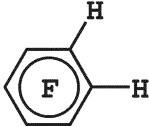
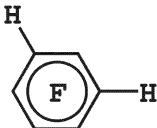

 $bp 85^{\circ}C/15\text{ mm Hg}$   $n_D^{20} 1,4610$   $d 1,295$   $fp 84^{\circ}C$ 
 $C_8H_7F_3O$ 

FW 176.14

Irritant



<b>0904</b>	<b>5(3)-Phenyl-3(5)-(trifluoromethyl)pyrazole</b> [4027-54-7] <i>mp</i> 121-123°C $C_{10}H_7F_3N_2$ FW 212.18	
<b>0905</b>	<b>Potassium perfluoro(2-ethoxyethane)sulfonate</b> [117205-07-9]  $C_4F_9KO_4S$ FW 354.19 Irritant	$CF_3CF_2OCF_2CF_2SO_3K$
<b>0906</b>	<b>Potassium trifluoroacetate</b> [2923-16-2] <i>mp</i> 140-145°C $C_2F_3KO_2$ FW 152.11 Hygroscopic/Irritant	
<b>0907</b>	<b>Sodium 7-chloroperfluoroheptanoate</b> [136176-46-0]  $C_7ClF_{12}NaO_2$ FW 402.50 Irritant	$ClCF_2(CF_2)_5C(=O)ONa$
<b>0908</b>	<b>Sodium heptafluorobutyrate</b> [2218-54-4] <i>mp</i> 248-250°C $C_4F_7NaO_2$ FW 236.02 Irritant	
<b>0909</b>	<b>Sodium pentafluoropropionate</b> [378-77-8] <i>mp</i> 226-229 °C (decomp.) $C_3F_5NaO_2$ FW 186.01 Hygroscopic/Irritant	
<b>0910</b>	<b>Sodium perfluoro(2-ethoxyethane)sulfonate</b> [113507-87-2]  $C_4F_9NaO_4S$ FW 338.08 Irritant	$CF_3CF_2OCF_2CF_2SO_3Na$
<b>0911</b>	<b>Sodium 7H-perfluoroheptanoate</b> [2264-25-7] <i>mp</i> 250°C (decomp.) $C_7HF_{12}NaO_2$ FW 368.05 Irritant	

<b>0912</b>	<b>Sodium trifluoroacetate</b> [2923-18-4] <i>mp</i> 207°C (decomp.) <i>d</i> 1,907 $C_2F_3NaO_2$ FW 136.01 Harmful/Hygroscopic/Irritant	
<b>0913</b>	<b>1,2,3,4-Tetrachlorohexafluorobutane</b> [375-45-1] <i>bp</i> 134-135°C $n_D^{20}$ 1,3844–1,3853 <i>d</i> 1,7812 $C_4Cl_4F_6$ FW 303.85 Irritant	
<b>0914</b>	<b>2,3,5,6-Tetrafluoroaniline. 98%</b> [700-17-4] <i>mp</i> 31-33°C <i>bp</i> 157-159°C <i>d</i> 1,744 <i>fp</i> 62°C $C_6H_3F_4N$ FW 165.09 Harmful/Irritant	
<b>0915</b>	<b>2,3,5,6-Tetrafluoroanisole</b> [2324-98-3] <i>bp</i> 138°C $n_D^{20}$ 1,4280 <i>d</i> 1,293 <i>fp</i> 41°C $C_7H_4F_4O$ FW 180.10 Flammable/Harmful/Irritant	
<b>0916</b>	<b>2,3,5,6-Tetrafluorobenzaldehyde</b> [19842-76-3] <i>bp</i> 178°C $n_D^{20}$ 1,466–1,469 <i>d</i> 1,525 <i>fp</i> 73°C $C_7H_2F_4O$ FW 178.09 Air Sensitive/Irritant	
<b>0917</b>	<b>1,2,3,4-Tetrafluorobenzene</b> [551-62-2] <i>mp</i> -42°C <i>bp</i> 94-95°C $n_D^{20}$ 1,408 <i>d</i> 1,4 <i>fp</i> 20°C $C_6H_2F_4$ FW 150.08 Flammable/Irritant	
<b>0918</b>	<b>1,2,3,5-Tetrafluorobenzene</b> [2367-82-0] <i>mp</i> -48°C <i>bp</i> 83-85°C $n_D^{20}$ 1,404 <i>d</i> 1,393 <i>fp</i> 4°C $C_6H_2F_4$ FW 150.08 Flammable/Irritant	
<b>0919</b>	<b>1,2,4,5-Tetrafluorobenzene, 98%</b> [327-54-8] <i>mp</i> 4-5°C <i>bp</i> 89-90°C $n_D^{20}$ 1,4048–1,4078 <i>d</i> 1,43 <i>fp</i> 16°C $C_6H_2F_4$ FW 150.08 Flammable/Irritant	

**0920 5,6,7,8-Tetrafluorobenzo-1,4-dioxane**

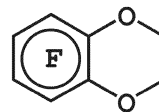
[1743-87-9]

*mp* 78-79°C

$C_8H_4F_4O_2$

FW 208.11

Irritant



**0921 2,3,4,5-Tetrafluorobenzoic acid, 98%**

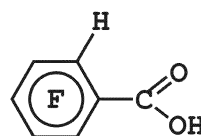
[1201-31-6]

*mp* 85-87°C *bp* 135-137°C/23 mm Hg

$C_7H_2F_4O_2$

FW 194.09

Irritant



**0922 2,3,5,6-Tetrafluorobenzoic acid**

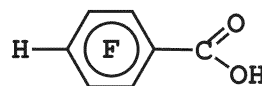
[652-18-6]

*mp* 148-149°C

$C_7H_2F_4O_2$

FW 194.09

Corrosive/Irritant



**0923 Tetrafluoro-1,4-benzoquinone**

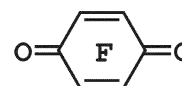
[527-21-9]

*mp* 179-183°C

$C_6F_4O_2$

FW 180.06

Irritant



**0924 2,3,5,6-Tetrafluorobenzotrifluoride**

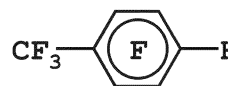
[651-80-9]

*bp* 111-112°C  $n_D^{20}$  1,3790  $d$  1,601 *fp* 32°C

$C_7HF_7$

FW 218.07

Flammable/Irritant



**0925 2,3,4,6-Tetrafluorobenzotrifluoride**

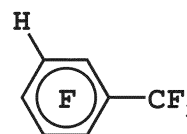
[5360-82-7]

*bp* 109-110°C  $n_D^{20}$  1,377 *fp* 18°C

$C_7HF_7$

FW 218.07

Flammable/Irritant



**0926 2,3,4,5-Tetrafluorobenzoyl chloride**

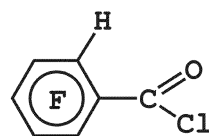
[94695-48-4]

*bp* 170°C  $n_D^{20}$  1,4787  $d$  1,580 *fp* 90°C

$C_7HClF_4O$

FW 212.53

Corrosive/Lachrymatory/Moisture sensitive



**0927 2,3,5,6-Tetrafluorobenzyl alcohol**

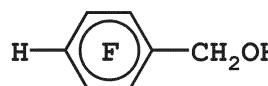
[4084-38-2]


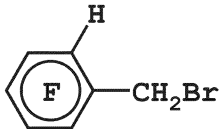

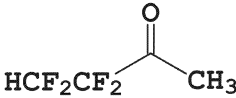
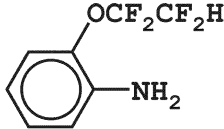
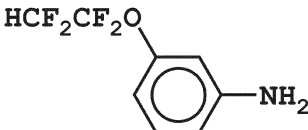
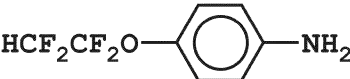
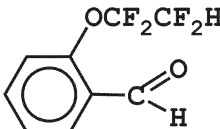
*mp* 32-34°C *bp* 220-225°C

$C_7H_4F_4O$

180.10

Irritant



<b>0928</b>	<b>2,3,5,6-Tetrafluorobenzyl bromide</b> [53001-73-3] <i>bp</i> 77-78°C/15 mm Hg $n_D^{20}$ 1,4885 <i>d</i> 1,7 $C_7H_3BrF_4$ FW 243.00 Corrosive/Lachrymatory	
<b>0929</b>	<b>2,3,4,5-Tetrafluorobenzyl bromide</b> [53001-71-1] <i>bp</i> 65°C/7 mm Hg <i>d</i> 1,7 $C_7H_3BrF_4$ FW 243.00 Corrosive/Lachrymatory	
<b>0930</b>	<b>2,3,5,6-Tetrafluorobenzyl chloride</b> [107267-44-7] <i>bp</i> 68-69°C/22 mm Hg $C_7H_3ClF_4$ FW 198.55 Irritant	
<b>0931</b>	<b>3,3,4,4-Tetrafluorobutan-2-one</b> [679-97-0] <i>bp</i> 63-64°C $n_D^{20}$ 1,314 <i>d</i> 1,3233 $C_4H_4F_4O$ FW 144.07 Irritant	
<b>0934</b>	<b>2-(1,1,2,2-Tetrafluoroethoxy)aniline</b> [35295-34-2] <i>bp</i> 92°C/15 mm Hg <i>d</i> 1,7 $C_8H_7F_4NO$ FW 209.14 Toxic/Irritant	
<b>0935</b>	<b>3-(1,1,2,2-Tetrafluoroethoxy)aniline</b> [831-75-4] <i>bp</i> 112°C/12 mm Hg $n_D^{20}$ 1,4640 <i>d</i> 1,358 <i>fp</i> >110°C $C_8H_7F_4NO$ FW 209.14 Harmful/Irritant	
<b>0936</b>	<b>4-(1,1,2,2-Tetrafluoroethoxy)aniline</b> [713-62-2] <i>bp</i> 106-108°C/11 mm Hg $n_D^{20}$ 1,4620 $C_8H_7F_4NO$ FW 209.14 Toxic/Irritant	
<b>0937</b>	<b>2-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde</b> [85187-22-0] <i>bp</i> 105-107°C/15 mm Hg <i>d</i> 1,42 $C_9H_6F_4O_2$ FW 222.14 Air Sensitive/Irritant	

**0938 3-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde**

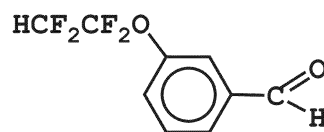
[35295-35-3]

*bp* 100-102°C/12 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4520 *d* 1,393 *fp* 102°C

C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 222.14

Air Sensitive/Irritant



**0939 4-(1,1,2,2-Tetrafluoroethoxy)benzaldehyde**

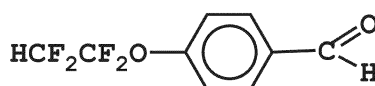
[35295-36-4]

*bp* 103°C/13 mm Hg *d* 1,343

C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 222.14

Air Sensitive/Irritant



**0940 2-(1,1,2,2-Tetrafluoroethoxy)benzoic acid**

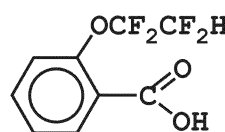
[10008-97-6]

*mp* 84°C

C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>3</sub>

FW 238.14

Corrosive/Irritant



**0941 3-(1,1,2,2-Tetrafluoroethoxy)benzoic acid**

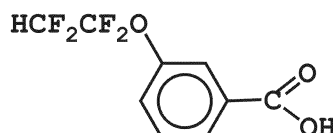
[70126-48-6]

*mp* 127-128°C

C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>3</sub>

FW 238.14

Corrosive/Irritant



**0942 4-(1,1,2,2-Tetrafluoroethoxy)benzoic acid**

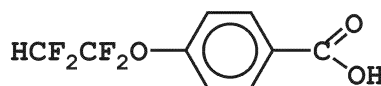
[10009-25-3]

*mp* 176-177°C

C<sub>9</sub>H<sub>6</sub>F<sub>4</sub>O<sub>3</sub>

FW 238.14

Corrosive/Irritant



**0943 3-(1,1,2,2-Tetrafluoroethoxy)-1,2-propenoxide**

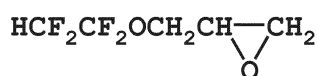
[85567-21-1]

*bp* 143-145°C *n*<sub>D</sub><sup>20</sup> 1,3490 *d* 1,380 *fp* 50°C

C<sub>5</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 174.10

Irritant



**0944 2-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene**

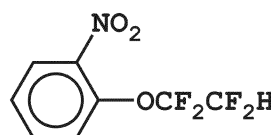
[28202-31-5]

*bp* 70°C/0,3 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4537 *d* 1,48

C<sub>8</sub>H<sub>5</sub>F<sub>4</sub>NO<sub>3</sub>

FW 239.13

Toxic



**0945 3-(1,1,2,2-Tetrafluoroethoxy)phenol**

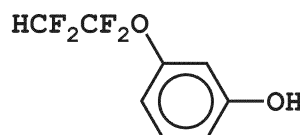
[53997-99-2]

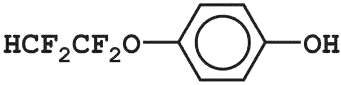
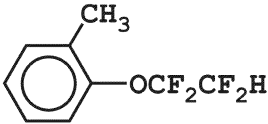
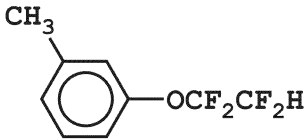
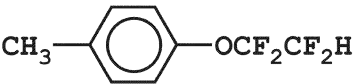
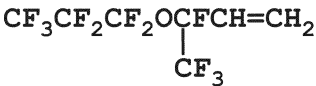
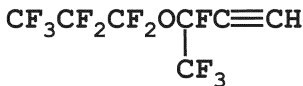
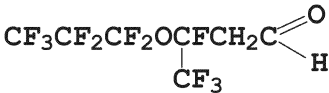
*bp* 102-103°C/10 mm Hg

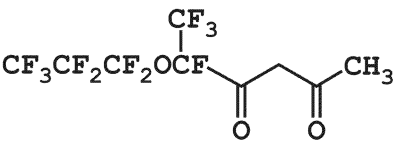
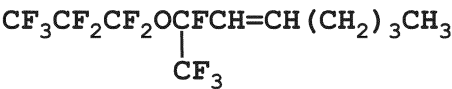
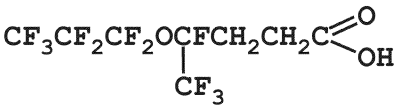
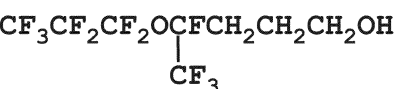
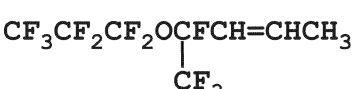
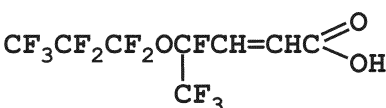
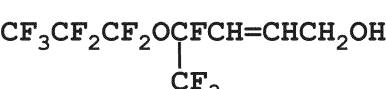
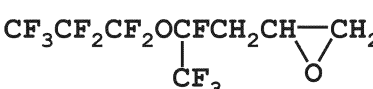
C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 210.13

Toxic



0946	<b>4-(1,1,2,2-Tetrafluoroethoxy)phenol</b> [85578-29-6] <i>mp</i> 47,5-48,5°C <i>bp</i> 106-107°C/10 mm Hg $C_8H_6F_4O_2$ FW 210.13 Toxic	
0947	<b>2-(1,1,2,2-Tetrafluoroethoxy)toluene</b> [42145-66-4] <i>bp</i> 58-60°C/14 mm Hg $n_D^{20}$ 1,4240 $d$ 1,221 <i>fp</i> 59°C $C_9H_8F_4O$ FW 208.16 Irritant/Toxic	
0948	<b>3-(1,1,2,2-Tetrafluoroethoxy)toluene</b> [1737-10-6] <i>bp</i> 57-58°C/13 mm Hg $n_D^{20}$ 1,4230 $d$ 1,232 <i>fp</i> 61°C $C_9H_8F_4O$ FW 208.16 Irritant/Toxic	
0949	<b>4-(1,1,2,2-Tetrafluoroethoxy)toluene</b> [1737-11-7] <i>bp</i> 67-69°C/14 mm Hg $n_D^{20}$ 1,4270 $d$ 1,25 $C_9H_8F_4O$ FW 208.16 Irritant/Toxic	
0950	<b>1,1,2,2-Tetrafluoroethyl 2,2,3,3-tetrafluoropropyl ether</b> [16627-68-2] <i>bp</i> 92°C $n_D^{20}$ 1,291 $d$ 1,5336 <i>fp</i> 27,5°C $C_5H_4F_8O$ FW 232.08 Irritant	$HCF_2CF_2OCH_2CF_2CF_2H$
0951	<b>3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-ene</b> [131628-34-7] <i>bp</i> 77-78°C $C_7H_3F_{11}O$ FW 312.08	
0952	<b>3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-yne</b> [261760-01-4] $C_7HF_{11}O$ FW 310.07 Irritant	
0953	<b>3,4,4,4-Tetrafluoro-3-(heptafluoropropoxy)but-1-ynal</b> [261760-00-3] $C_7H_3F_{11}O_2$ FW 328.08 Air Sensitive/Irritant	

0954	<b>5-Heptafluoropropoxy-5,6,6,6-tetrafluorohexane-2,4-dione</b> [261760-03-6] <i>bp</i> 78-80°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3048 C <sub>9</sub> H <sub>5</sub> F <sub>11</sub> O <sub>3</sub> FW 370.12 Irritant	
0955	<b>1,1,1,2-Tetrafluoro-2-(heptafluoropropoxy)oct-3-ene</b> [261760-07-0] C <sub>11</sub> H <sub>11</sub> F <sub>11</sub> O FW 368.19 Irritant	
0956	<b>4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentanoic acid</b> [243128-40-7] C <sub>8</sub> H <sub>5</sub> F <sub>11</sub> O <sub>3</sub> FW 358.11 Corrosive/Irritant	
0957	<b>4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentan-1-ol, 95%</b> [243128-41-8] C <sub>8</sub> H <sub>7</sub> F <sub>11</sub> O <sub>2</sub> FW 344.12 Flammable	
0958	<b>4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-ene</b> [261760-08-1] <i>bp</i> 99-100°C <i>d</i> 1,6 C <sub>8</sub> H <sub>5</sub> F <sub>11</sub> O FW 326.11	
0959	<b>4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-enoic acid</b> [261760-09-2] C <sub>8</sub> H <sub>3</sub> F <sub>11</sub> O <sub>3</sub> FW 356.09 Corrosive	
0960	<b>4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pent-2-en-1-ol</b> [261760-10-5] C <sub>8</sub> H <sub>5</sub> F <sub>11</sub> O <sub>2</sub> FW 342.11	
0961	<b>[2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propyl]oxirane</b> [243128-42-9] <i>bp</i> 127-128°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3110 <i>d</i> 1,563 <i>fp</i> 53°C C <sub>8</sub> H <sub>5</sub> F <sub>11</sub> O <sub>2</sub> FW 342.11 Irritant	



**0962 4-Hydroxy-2,3,5,6-tetrafluorobenzoic acid**

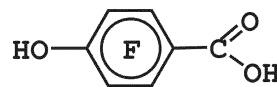
[652-34-6]

*mp* 152-154°C *bp* 125°C/0,05 (subl)

 $C_7H_2F_4O_3$ 

FW 210.09

Hygroscopic/Irritant


**0963 4-Methoxy-2,3,5,6-tetrafluorobenzyl bromide**

[4910-40-1]

*bp* 100-102°C/5 mm Hg

 $C_8H_5BrF_4O$ 

FW 273.03

Corrosive/Lachrymatory


**0964 1,1,5,5-Tetrafluoroacetylacetone**

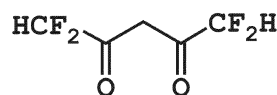
[70086-62-3]

*bp* 125-127°C/730 mm Hg *d* 1,428

 $C_5H_4F_4O_2$ 

FW 172.08

Irritant


**0965 2,3,5,6-Tetrafluorophenol, 98%**

[769-39-1]

*mp* 37-39°C *bp* 150-151°C *fp* 79°C

 $C_6H_2F_4O$ 

FW 166.07

Corrosive/Irritant


**0966 2,3,5,6-Tetrafluorophenylhydrazine**

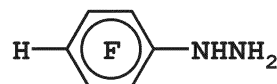
[653-11-2]

*mp* 90-91°C

 $C_6H_4F_4N_2$ 

FW 180.10

Harmful/Irritant/Light Sensitive/Keep cold


**0967 Tetrafluorobenzene-1,4-diol**

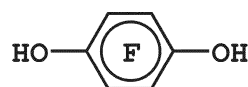
[771-63-1]

*mp* 168-169°C

 $C_6H_2F_4O_2$ 

FW 182.07

Irritant


**0968 2,2,3,3-Tetrafluoropropan-1-ol, 99%**

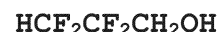
[76-37-9]

*mp* -15°C *bp* 108-109°C  $n_D^{20}$  1,3195 *d* 1,471 *fp* 49°C

 $C_3H_4F_4O$ 

FW 132.06

Flammable/Harmful/Irritant


**0969 2,2,3,3-Tetrafluoropropanal hydrate**

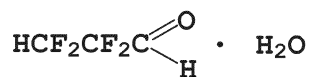
[215858-32-5] [261760-12-7] component [756-04-7]



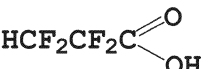

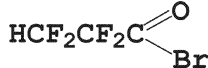
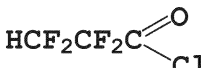
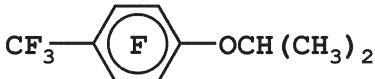
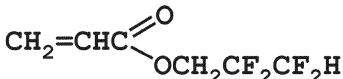
*bp* 98-99°C

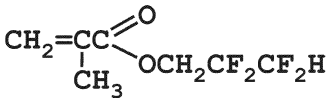
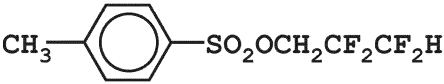
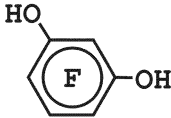

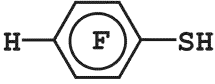
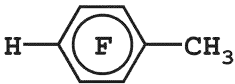
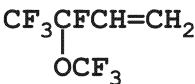
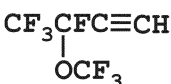
 $C_3H_4F_4O_2$ 

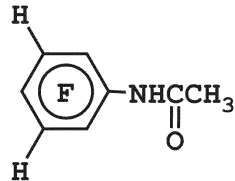
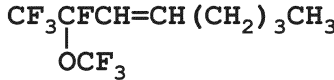
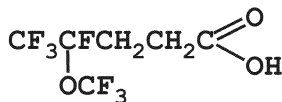
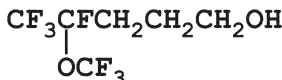
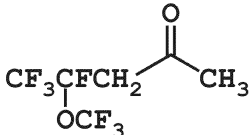
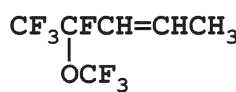
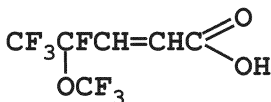
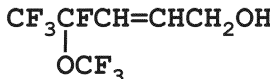
FW 148.06

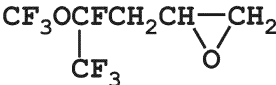
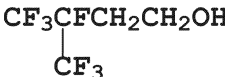
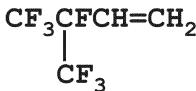
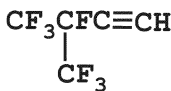
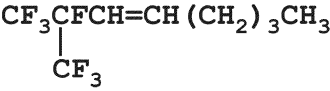
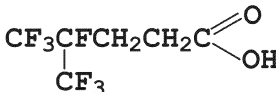
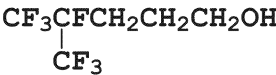
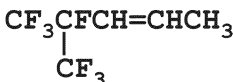
Hygroscopic



<b>0970</b>	<b>2,3,3,3-Tetrafluoropropionamide</b> [1647-57-0] <i>mp</i> 58-60°C C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> NO FW 145.06 Harmful/Irritant	
<b>0971</b>	<b>2,3,3,3-Tetrafluoropropionic acid</b> [359-49-9] <i>mp</i> 28,2-29,2°C <i>bp</i> 140-142°C <i>d</i> 1,7 C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> O <sub>2</sub> FW 146.04 Corrosive/Hygroscopic	
<b>0972</b>	<b>2,2,3,3-Tetrafluoropropionic acid, 98%</b> [756-09-2] <i>bp</i> 132-134°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3208-1,3290( <i>t</i> =25°C) <i>d</i> 1,563 <i>fp</i> 90°C C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> O <sub>2</sub> FW 146.04 Corrosive	
<b>0973</b>	<b>2,3,3,3-Tetrafluoropropionitrile</b> [431-32-3] <i>bp</i> 40-42°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,27 <i>d</i> 1,3620 C <sub>3</sub> HF <sub>4</sub> N FW 127.04 Toxic	
<b>0974</b>	<b>2,2,3,3-Tetrafluoropropionyl bromide</b> [61444-66-4] C <sub>3</sub> HBrF <sub>4</sub> O FW 208.94 Corrosive/Moisture Sensitive	
<b>0975</b>	<b>2,2,3,3-Tetrafluoropropionyl chloride</b> [663-73-0] <i>bp</i> 38-40°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,323( <i>t</i> =25°C) <i>d</i> 1,2754 C <sub>3</sub> HClF <sub>4</sub> O FW 164.49 Corrosive/Moisture Sensitive	
<b>0976</b>	<b>4-Isopropoxy-2,3,5,6-tetrafluorobenzotrifluoride</b> [85623-66-1] <i>bp</i> 90°C/20 mm Hg C <sub>10</sub> H <sub>7</sub> F <sub>7</sub> O FW 276.15	
<b>0977</b>	<b>2,2,3,3-Tetrafluoropropyl acrylate, 99%+</b> [7383-71-3] <i>bp</i> 132-134°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3655-1,3668 <i>d</i> 1,2532 <i>fp</i> 45°C C <sub>6</sub> H <sub>6</sub> F <sub>4</sub> O <sub>2</sub> FW 186.11 Irritant/Lachrymatory/Flammable/Keep Cold	

<b>0979</b>	<b>2,2,3,3-Tetrafluoropropyl methacrylate, 99%</b> [45102-52-1] <i>bp</i> 124°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3735–1,3755 <i>d</i> 1,254 <i>fp</i> 50°C C <sub>7</sub> H <sub>8</sub> F <sub>4</sub> O <sub>2</sub> FW 200.13 Flammable/Irritant/Lachrymatory/Keep Cold	
<b>0980</b>	<b>2,2,3,3-Tetrafluoropropyl p-toluenesulfonate</b> [786-31-2] <i>mp</i> 14–16°C <i>bp</i> 124–126°C/2 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,4602–1,4643 <i>d</i> 1,4054 C <sub>10</sub> H <sub>10</sub> F <sub>4</sub> O <sub>3</sub> S FW 286.25 Irritant	
<b>0981</b>	<b>Tetrafluorobenzene-1,3-diol</b> [16840-25-8] <i>mp</i> 95–96°C <i>bp</i> 217–218°C C <sub>6</sub> H <sub>2</sub> F <sub>4</sub> O <sub>2</sub> FW 182.07 Irritant	
<b>0985</b>	<b>Tetrafluoroterephthalic acid</b> [652-36-8] <i>mp</i> 283–284°C ( <i>decomp.</i> ) C <sub>8</sub> H <sub>2</sub> F <sub>4</sub> O <sub>4</sub> FW 238.10 Corrosive/Irritant	
<b>0986</b>	<b>2,3,5,6-Tetrafluorothiophenol</b> [769-40-4] <i>bp</i> 152–153°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4865 <i>d</i> 1,5 <i>fp</i> 48°C C <sub>6</sub> H <sub>2</sub> F <sub>4</sub> S FW 182.14 Irritant/Stench	
<b>0987</b>	<b>2,3,5,6-Tetrafluorotoluene</b> [5230-78-4] <i>bp</i> 125–126°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4200 <i>d</i> 1,349 <i>fp</i> 23°C C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> FW 164.10 Flammable/Irritant	
<b>0988</b>	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-ene</b> [226575-14-0] C <sub>5</sub> H <sub>3</sub> F <sub>7</sub> O FW 212.07 Irritant	
<b>0989</b>	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)but-1-yne</b> [261760-14-9] C <sub>5</sub> HF <sub>7</sub> O FW 210.05 Irritant	

0991	<b>2',4',6'-Trifluoroacetanilide</b> [363-40-6] <i>mp</i> 152-153°C C <sub>8</sub> H <sub>6</sub> F <sub>3</sub> NO FW 189.14 Irritant	
0992	<b>1,1,1,2-Tetrafluoro-2-(trifluoromethoxy)oct-3-ene</b> [261760-17-2] C <sub>9</sub> H <sub>11</sub> F <sub>7</sub> O FW 268.18 Flammable/Irritant	
0993	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentanoic acid</b> [243139-58-4] C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>3</sub> FW 258.09 Corrosive/Irritant	
0994	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-1-ol, 95%</b> [243139-59-5] C <sub>6</sub> H <sub>7</sub> F <sub>7</sub> O <sub>2</sub> FW 244.11 Irritant	
0995	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pentan-2-one</b> [261760-18-3] C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub> FW 242.09 Irritant	
0996	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-ene</b> [261760-19-4] C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O FW 226.09 Irritant	
0997	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-enoic acid</b> [261760-20-7] C <sub>6</sub> H <sub>3</sub> F <sub>7</sub> O <sub>3</sub> FW 256.08 Corrosive/Irritant	
0998	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethoxy)pent-2-en-1-ol</b> [261760-21-8] <i>bp</i> 138°C C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub> FW 242.09 Irritant	

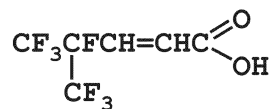
0999	<b>[2,3,3,3-Tetrafluoro-2-(trifluoromethoxy)propyl]oxirane</b> [243139-60-8] <i>bp</i> 108°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3160 <i>d</i> 1,496 <i>fp</i> 32°C C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub> FW 242.09 Flammable/Irritant	
1000	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butan-1-ol</b> [90999-87-4] <i>bp</i> 119-121°C <i>d</i> 1,49 C <sub>5</sub> H <sub>5</sub> F <sub>7</sub> O FW 214.08 Irritant	
1001	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-ene</b> [88562-41-8] <i>bp</i> 23-25°C C <sub>5</sub> H <sub>3</sub> F <sub>7</sub> FW 196.07 Irritant	
1002	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethyl)but-1-yne</b> [24690-53-7] <i>bp</i> 23°C <i>d</i> 1,428 C <sub>5</sub> HF <sub>7</sub> FW 194.05 Irritant	
1003	<b>1,1,1,2-Tetrafluoro-2-(trifluoromethyl)oct-3-ene</b> [261760-26-3] C <sub>9</sub> H <sub>11</sub> F <sub>7</sub> FW 252.18 Flammable/Irritant	
1004	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentanoic acid</b> [243139-62-0] C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> O <sub>2</sub> FW 242.09 Corrosive/Irritant	
1005	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pentan-1-ol, 95%</b> [29819-73-6] <i>bp</i> 95°C/115 mm Hg C <sub>6</sub> H <sub>7</sub> F <sub>7</sub> O FW 228.11 Irritant	
1007	<b>4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-ene</b> [243139-63-1] C <sub>6</sub> H <sub>5</sub> F <sub>7</sub> FW 210.09 Irritant	

**1008 4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-enoic acid**  
[243139-64-2]

$C_6H_3F_7O_2$

FW 240.08

Corrosive/Irritant



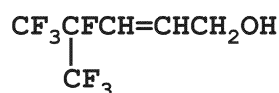
**1009 4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-en-1-ol**  
[243139-65-3] (E) [83706-95-0] (Z)[83706-99-4]

*bp* 54-55°C/34 mm Hg

$C_6H_5F_7O$

FW 226.09

Irritant



**1010 Fluorotribromomethane (FC 11B3)**  
[353-54-8]

*mp* -74,5°C *bp* 106-107°C  $n_D^{20}$  1,5260 *d* 2,765 *fp* none

$CBr_3F$

FW 270.72

Irritant



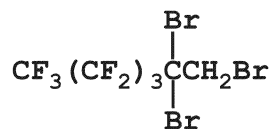
**1011 1,2,2-Tribromo-1H,1H-perfluorohexane**  
[59665-24-6]

*bp* 97°C/2,5 mm Hg  $n_D^{20}$  1,42 *d* 2,275

$C_6H_2Br_3F_9$

FW 484.78

Irritant



**1012 1,2,4-Tribromo-3,3,4,4-tetrafluorobutane**  
[243128-48-5]

*bp* 64°C/10 mm Hg

$C_4H_3Br_3F_4$

FW 366.77

Irritant



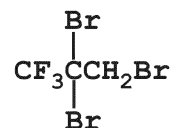
**1013 2,2,3-Tribromo-1,1,1-trifluoropropane**  
[421-90-9]

*bp* 162°C  $n_D^{20}$  1,484 *d* 2,472

$C_3H_2Br_3F_3$

FW 334.76

Irritant



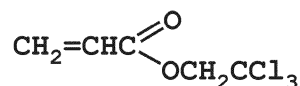
**1014 2,2,2-Trichloroethyl acrylate**  
[44925-09-9]

*bp* 70-72°C/10 mm Hg  $n_D^{20}$  1,4738 *d* 1,3763

$C_5H_5Cl_3O_2$

FW 203.45

Irritant/Keep Cold



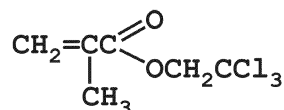
**1016 2,2,2-Trichloroethyl methacrylate**  
[50601-47-3]

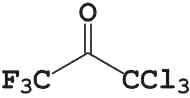
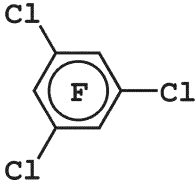
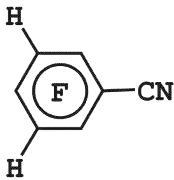
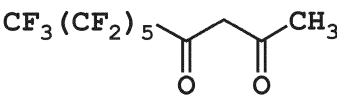
*bp* 55°C/1 mm Hg  $n_D^{20}$  1,4718 *d* 1,3264

$C_6H_7Cl_3O_2$

FW 217.48

Irritant/Keep Cold



1017	<b>1,1,1-Trichlorotrifluoroacetone</b> [758-42-9] <i>bp</i> 85-86°C $n_D^{20}$ 1,3824 <i>d</i> 1,59 $C_3Cl_3F_3O$ FW 215.39 Corrosive	
1018	<b>1,3,5-Trichlorotrifluorobenzene</b> [319-88-0] <i>mp</i> 62-64°C <i>bp</i> 191°C <i>fp</i> 102°C $C_6Cl_3F_3$ FW 235.42 Irritant	
1019	<b>1,2,4-Trichloro-1,1,2-trifluorobutane</b> [261760-97-8] <i>bp</i> 134-136°C $C_4H_4Cl_3F_3$ FW 215.43 Irritant	$ClCF_2CFC1CH_2CH_2Cl$
1020	<b>2,3,4-Trichloro-3,4,4-trifluorobut-1-ene</b> [261760-98-9] $C_4H_2Cl_3F_3$ FW 213.41 Irritant	$ClCF_2CFC1CCl=CH_2$
1021	<b>2,4,6-Trifluorobenzonitrile</b> [96606-37-0] <i>mp</i> 57-61°C <i>bp</i> 179°C <i>fp</i> 92°C $C_7H_2F_3N$ FW 157.10 Harmful/Toxic	
1022	<b>1,1,2-Trichlorotrifluoroethane</b> [76-13-1] <i>mp</i> -35°C <i>bp</i> 48°C $n_D^{20}$ 1,3541-1,3562( <i>t</i> =25°C) <i>d</i> 1,564 $C_2Cl_3F_3$ FW 187.38 Non-Flammable/Irritant	$ClCF_2CFC1_2$
1023	<b>1,1,2-Trichloro-3,3,3-trifluoroprop-1-ene</b> [431-52-7] <i>mp</i> -114°C <i>bp</i> 88°C $n_D^{20}$ 1,4060-1,4103 <i>d</i> 1,617 <i>fp</i> none $C_3Cl_3F_3$ FW 199.39 Harmful	$CF_3CCl=CCl_2$
1024	<b>(Perfluoroheptanoyl)acetone</b> [82822-26-2] <i>bp</i> 176-177°C $n_D^{20}$ 1,316 <i>fp</i> none $C_{10}H_5F_{13}O_2$ FW 404.13 Irritant	

1025	<b>1-(Perfluorohexyl)hex-1-ene</b> [261761-00-6]  C <sub>12</sub> H <sub>11</sub> F <sub>13</sub> FW 402.20 Irritant	$\text{CF}_3 (\text{CF}_2)_5 \text{CH}=\text{CH} (\text{CH}_2)_3 \text{CH}_3$
1026	<b>Perfluoroheptanamide</b> [2358-22-7] <i>mp</i> 136°C C <sub>7</sub> H <sub>2</sub> F <sub>13</sub> NO FW 363.08 Irritant	$\text{CF}_3 (\text{CF}_2)_5 \text{C} \begin{array}{l} \text{=O} \\ \text{NH}_2 \end{array}$
1027	<b>1-(Perfluorohexyl)dec-1-ene</b> [120464-27-9] (E)[152128-75-1] (Z)[152128-76-2] <i>bp</i> 107-109°C/3 mm Hg C <sub>16</sub> H <sub>19</sub> F <sub>13</sub> FW 458.31 Irritant	$\text{CF}_3 (\text{CF}_2)_5 \text{CH}=\text{CH} (\text{CH}_2)_7 \text{CH}_3$
1028	<b>3-(Perfluorohexyl)propan-1-ol</b> [80806-68-4] <i>bp</i> 73-75°C/10 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,325 <i>d</i> 1,629 C <sub>9</sub> H <sub>7</sub> F <sub>13</sub> O FW 378.13 Irritant	$\text{CF}_3 (\text{CF}_2)_5 \text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$
1029	<b>1H,1H,1H,2H,3H-Perfluoronon-2-ene</b> [63967-46-4] (E)[80793-20-0] (Z)[80793-19-7] <i>bp</i> 66°C/83 mm Hg C <sub>9</sub> H <sub>5</sub> F <sub>13</sub> FW 360.12	$\text{CF}_3 (\text{CF}_2)_5 \text{CH}=\text{CHCH}_3$
1030	<b>1-(Perfluorohexyl)oct-1-ene</b> [120464-26-8] (E)[113999-58-9] (Z)[152128-73-9] <i>bp</i> 64-66°C/2 mm Hg C <sub>14</sub> H <sub>15</sub> F <sub>13</sub> FW 430.25 Irritant	$\text{CF}_3 (\text{CF}_2)_5 \text{CH}=\text{CH} (\text{CH}_2)_5 \text{CH}_3$
1031	<b>Trifluoroacetaldehyde dimethyl acetal</b> [42415-20-3] <i>bp</i> 80-81°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3222 <i>d</i> 1,28 C <sub>4</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 144.09 Flammable/Harmful/Irritant	$\text{CF}_3 \text{CHOCH}_3 \begin{array}{l}   \\ \text{OCH}_3 \end{array}$
1032	<b>Trifluoroacetaldehyde ethyl hemiacetal</b> [433-27-2] <i>bp</i> 104-106°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3420 <i>d</i> 1,241 <i>fp</i> 39°C C <sub>4</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 144.09 Flammable/Harmful/Irritant	$\text{CF}_3 \text{CHOCH}_2\text{CH}_3 \begin{array}{l}   \\ \text{OH} \end{array}$



**1033 Trifluoroacetaldehyde hydrate, 75% (tech.)**

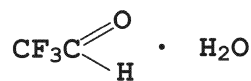
[33953-86-5] component[75-90-1] diol[421-53-4]

*bp* 106-107°C *n*<sub>D</sub><sup>20</sup> 1,3404 *d* 1,49

 $C_2H_3F_3O_2$ 

FW 116.04

Toxic


**1034 Trifluoroacetaldehyde methyl hemiacetal**

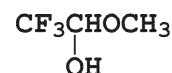
[431-46-9]

*bp* 96-98°C *n*<sub>D</sub> 1,3259(*t*=25°C) *d* 1,351

 $C_3H_5F_3O_2$ 

FW 130.07

Flammable/Harmful


**1035 Trifluoroacetamide**

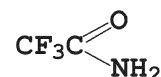
[354-38-1]

*mp* 73-75°C *bp* 162-163°C

 $C_2H_2F_3NO$ 

FW 113.04

Harmful/Irritant


**1036 Trifluoroacetic acid, 99%**

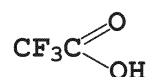
[76-05-1]

*mp* -15°C *bp* 72-73°C *n*<sub>D</sub><sup>20</sup> 1,286 *d* 1,535 *fp* none

 $C_2HF_3O_2$ 

FW 114.02

Corrosive/Harmful/Hygroscopic


**1037 Trifluoroacetic anhydride, 99%**

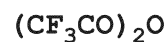
[407-25-0]

*mp* -65°C *bp* 39-40°C *n*<sub>D</sub> 1,2690(*t*=25°C) *d* 1,503

 $C_4F_6O_3$ 

FW 210.03

Toxic/Corrosive/Keep Cold/Moisture sensitive


**1038 1,1,1-Trifluoroacetone, 98%**

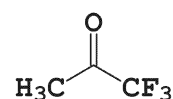
[421-50-1]

*bp* 22°C *n*<sub>D</sub><sup>20</sup> 1,3000 *d* 1,252 *fp* -30°C

 $C_3H_3F_3O$ 

FW 112.05

Flammable/Lachrymatory


**1039 2-Hydroxy-2-(trifluoromethyl)propionitrile**

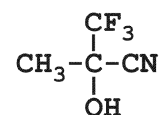
[335-08-0]

*bp* 68-69°C/40 mm Hg *n*<sub>D</sub><sup>20</sup> 1,338 *d* 1,276 *fp* 60°C

 $C_4H_4F_3NO$ 

FW 139.08

Toxic/Freeze/Moisture Sensitive


**1040 Trifluoroacetonitrile**

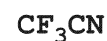
[353-85-5]

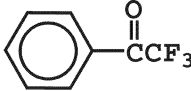
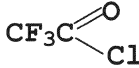
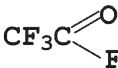
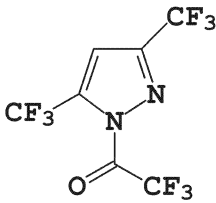
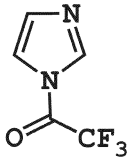
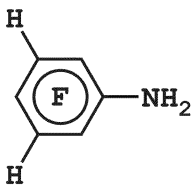
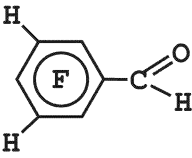
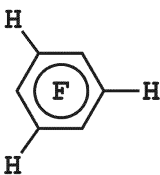
*bp* -64°C

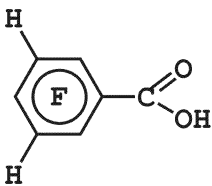
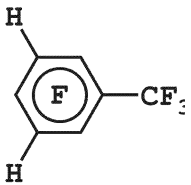
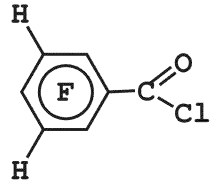
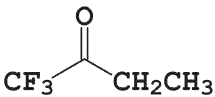
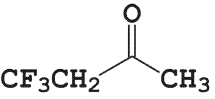
 $C_2F_3N$ 

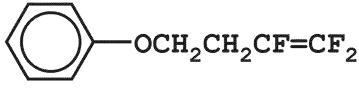
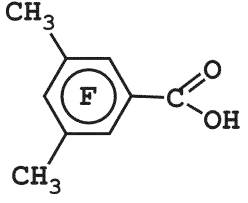
FW 77.03

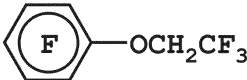
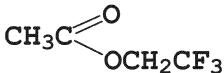
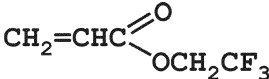
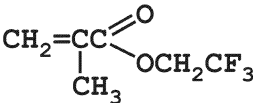
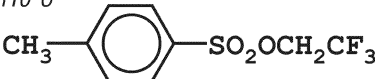
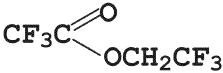
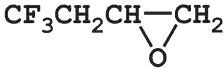
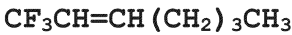
Toxic/Gas



<b>1041</b>	<b>2,2,2-Trifluoroacetophenone</b> [434-45-7] <i>bp</i> 153-154°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4563-1,4597 <i>d</i> 1,34 <i>fp</i> 41°C C <sub>8</sub> H <sub>5</sub> F <sub>3</sub> O FW 174.12 Flammable/Irritant/Lachrymatory	
<b>1042</b>	<b>Trifluoroacetyl chloride, 98%</b> [354-32-5] <i>bp</i> -18°C <i>fp</i> none C <sub>2</sub> ClF <sub>3</sub> O FW 132.47 Corrosive/Moisture Sensitive/Gas/Toxic	
<b>1043</b>	<b>Trifluoroacetyl fluoride</b> [354-34-7] <i>bp</i> -50°C <i>fp</i> none C <sub>2</sub> F <sub>4</sub> O FW 116.02 Corrosive/Moisture Sensitive/Gas/Toxic	
<b>1044</b>	<b>1-Trifluoroacetyl-3,5-bis(trifluoromethyl)pyrazole</b> [261761-10-8] C <sub>7</sub> HF <sub>9</sub> N <sub>2</sub> O FW 300.08 Irritant	
<b>1045</b>	<b>N-(Trifluoroacetyl)imidazole</b> [1546-79-8] <i>bp</i> 137-138°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4240 <i>d</i> 1,442 <i>fp</i> 45°C C <sub>5</sub> H <sub>3</sub> F <sub>3</sub> N <sub>2</sub> O FW 164.09 Irritant/Keep Cold/Moisture Sensitive/Flammable	
<b>1046</b>	<b>2,4,6-Trifluoroaniline</b> [363-81-5] <i>mp</i> 33-34°C <i>bp</i> 57°C/22 mm Hg <i>fp</i> 57°C C <sub>6</sub> H <sub>4</sub> F <sub>3</sub> N FW 147.10 Harmful/Irritant	
<b>1047</b>	<b>2,4,6-Trifluorobenzaldehyde</b> [58551-83-0] <i>mp</i> 61-63°C <i>bp</i> 78°C/20 mm Hg C <sub>7</sub> H <sub>3</sub> F <sub>3</sub> O FW 160.10 Air Sensitive/Irritant	
<b>1048</b>	<b>1,3,5-Trifluorobenzene</b> [372-38-3] <i>mp</i> -5,5°C <i>bp</i> 75-76°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4140-1,4150 <i>d</i> 1,279 <i>fp</i> -7°C C <sub>6</sub> H <sub>3</sub> F <sub>3</sub> FW 132.09 Flammable/Irritant	

1049	<b>2,4,6-Trifluorobenzoic acid</b> [28314-80-9] <i>mp</i> 144-145°C $C_7H_3F_3O_2$ FW 176.09 Corrosive/Irritant	
1050	<b>2,4,6-Trifluorobenzotrifluoride</b> [122030-04-0] <i>bp</i> 105-107°C $n_D^{20}$ 1,3850 $d$ 1,475 $C_7H_2F_6$ FW 200.08 Flammable/Irritant	
1051	<b>2,4,6-Trifluorobenzoyl chloride</b> [79538-29-7] <i>bp</i> 167-168°C $n_D^{20}$ 1,4825 $d$ 1,484 $C_7H_2ClF_3O$ FW 194.54 Corrosive/Moisture Sensitive/Lachrymatory	
1052	<b>4,4,4-Trifluorobutan-1-ol</b> [461-18-7] <i>bp</i> 124-125°C $n_D^{20}$ 1,3516 $d$ 1,34 $fp$ 52°C $C_4H_7F_3O$ FW 128.09 Flammable	$CF_3CH_2CH_2CH_2OH$
1053	<b>1,1,1-Trifluorobutan-2-one</b> [381-88-4] <i>bp</i> 50-51°C $n_D^{20}$ 1,322 $d$ 0,925( $t=25^\circ C$ ) $C_4H_5F_3O$ FW 126.08 Flammable/Irritant/Keep Cold	
1054	<b>4,4,4-Trifluorobutan-2-one</b> [2366-70-3] <i>bp</i> 95-96°C $n_D$ 1,3280( $t=23^\circ C$ ) $d$ 1,05 $fp$ 37°C $C_4H_5F_3O$ FW 126.08 Irritant	
1055	<b>1,1,1-Trifluorobut-2-ene</b> [406-39-3] (E)[31450-05-2] (Z)[31450-06-3] <i>bp</i> 20°C $C_4H_5F_3$ FW 110.08 Flammable/Irritant	$CF_3CH=CHCH_3$
1056	<b>1,1,2-Trifluorobut-1-ene</b> [383-84-6] <i>bp</i> 13°C $C_4H_5F_3$ FW 110.08 Irritant	$CF_2=CFCH_2CH_3$

<b>1057</b>	<b>4,4,4-Trifluorobut-2-en-1-ol</b> [674-53-3] (E)[83706-94-9] (Z)[83706-98-3] <i>bp</i> 128-129°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3566 <i>d</i> 1,02 <i>fp</i> 37°C C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O FW 126.08 Flammable/Irritant	<chem>CF3CH=CHCH2OH</chem>
<b>1058</b>	<b>(3,4,4-Trifluorobut-3-enyloxy)benzene</b> [261761-15-3]  C <sub>10</sub> H <sub>9</sub> F <sub>3</sub> O FW 202.18 Irritant	
<b>1059</b>	<b>4,4,4-Trifluorobutyric acid</b> [406-93-9] <i>mp</i> 30-31°C <i>bp</i> 166-167°C <i>d</i> >1,0 C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 142.08 Corrosive	<chem>CF3CH2CH2C(=O)OH</chem>
<b>1060</b>	<b>4,4,4-Trifluorocrotonic acid</b> [71027-02-6] (E)[406-94-0] (Z)[130130-81-3] <i>mp</i> 54-56°C <i>bp</i> 145-153°C C <sub>4</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> FW 140.06 Corrosive	<chem>CF3CH=CHC(=O)OH</chem>
<b>1061</b>	<b>1,1,2-Trifluorodec-1-ene</b> [692-05-7] <i>bp</i> 91°C/90 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3928 C <sub>10</sub> H <sub>17</sub> F <sub>3</sub> FW 194.24 Irritant	<chem>CF2=CF(CH2)7CH3</chem>
<b>1063</b>	<b>3,5-Dimethyl-2,4,6-trifluorobenzoic acid</b> [886762-23-8]  C <sub>9</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 204.15	
<b>1067</b>	<b>2,2,2-Trifluoroethanol, 99%</b> [75-89-8] <i>mp</i> -45 ÷ -44 <i>bp</i> 74-75°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2907 <i>d</i> 1,391 <i>fp</i> 29°C C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> O FW 100.04 Flammable/Irritant/Toxic	<chem>CF3CH2OH</chem>
<b>1068</b>	<b>Trifluoroethenesulfonyl fluoride, 92%</b> [684-10-6] <i>bp</i> 52-53°C <i>n</i> <sub>D</sub> 1,3237( <i>t</i> =25°C) <i>d</i> 1,652 C <sub>2</sub> F <sub>4</sub> O <sub>2</sub> S FW 164.08 Irritant/Corrosive	<chem>CF2=CFSO2F</chem>

<b>1069</b>	<b>(2,2,2-Trifluoroethoxy)pentafluorobenzene</b> [6669-03-0] <i>bp</i> 146–147°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3770–1,3799 <i>d</i> 1,3424 C <sub>8</sub> H <sub>2</sub> F <sub>8</sub> O FW 266.09 Irritant	
<b>1070</b>	<b>2,2,2-Trifluoroethyl acetate</b> [406-95-1] <i>bp</i> 78°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3202 <i>d</i> 1,258 <i>fp</i> 11°C C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 142.08 Flammable	
<b>1071</b>	<b>2,2,2-Trifluoroethyl acrylate</b> [407-47-6] <i>bp</i> 45–46°C/125 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3500 <i>d</i> 1,216 <i>fp</i> 12°C C <sub>5</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 154.09 Flammable/Irritant/Lacrymatory/Keep cold	
<b>1073</b>	<b>2,2,2-Trifluoroethyl methacrylate</b> [352-87-4] <i>bp</i> 59°C/100 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3624 <i>d</i> 1,181( <i>t</i> =25°C) <i>fp</i> 25°C C <sub>6</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 168.12 Flammable/Irritant/Lachrymatory/Keep Cold	
<b>1074</b>	<b>2,2,2-Trifluoroethyl p-toluenesulfonate</b> [433-06-7] <i>mp</i> 39–40°C <i>bp</i> 87–92°C/0,1 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,4635( <i>t</i> =25°C) <i>fp</i> >110°C C <sub>9</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> S FW 254.23 Irritant/Moisture Sensitive	
<b>1075</b>	<b>2,2,2-Trifluoroethyl trifluoroacetate, 99%</b> [407-38-5] <i>mp</i> -65,5°C <i>bp</i> 54–55°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2770 <i>d</i> 1,519 <i>fp</i> 0°C C <sub>4</sub> H <sub>2</sub> F <sub>6</sub> O <sub>2</sub> FW 196.05 Corrosive/Flammable/Irritant	
<b>1076</b>	<b>(2,2,2-Trifluoroethyl)oxirane, 98%</b> [407-12-5] <i>bp</i> 79–80°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3382 <i>d</i> 1,2487 C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O FW 126.08 Flammable/Irritant/Toxic	
<b>1077</b>	<b>1,1,1-Trifluorohept-2-ene</b> [53392-78-2] (E)[66716-12-9] (Z)[66716-11-8] <i>bp</i> 78–81°C/56 mm Hg C <sub>7</sub> H <sub>11</sub> F <sub>3</sub> FW 152.16 Irritant	

**1078 4,4,4-Trifluoro-3-hydroxy-3-(trifluoromethyl)butyric acid**

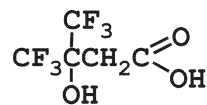
[1547-36-0]

*mp* 88-89°C *bp* 91,4°C/13 mm Hg *d* 1,9

C<sub>5</sub>H<sub>4</sub>F<sub>6</sub>O<sub>3</sub>

FW 226.08

Irritant/Harmful/Corrosive



**1079 Trifluoromethanesulfonic acid**

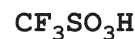
[1493-13-6]

*bp* 161-162°C *n*<sub>D</sub><sup>20</sup> 1,3270 *d* 1,708

CHF<sub>3</sub>O<sub>3</sub>S

FW 150.08

Corrosive/Hygrosopic



**1080 4-(Trifluoromethoxy)aniline**

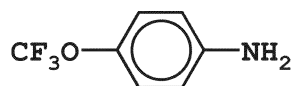
[461-82-5]

*bp* 73-75°C/10 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4630 *d* 1,310 *fp* 80°C

C<sub>7</sub>H<sub>6</sub>F<sub>3</sub>NO

FW 177.13

Harmful/Irritant



**1081 4,4,4-Trifluorobutyramide**

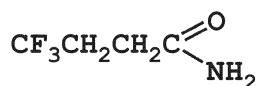
[461-34-7]

*mp* 136,4°C

C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>NO

FW 141.09

Irritant



**1082 2-(Trifluoromethyl)acrylonitrile**

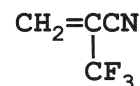
[381-84-0]

*bp* 78-79°C *n*<sub>D</sub> 1,3261 (*t*=26°C) *d* 1,1753 (*t*=26°C)

C<sub>4</sub>H<sub>2</sub>F<sub>3</sub>N

FW 121.06

Corrosive/Irritant



**1083 Iodotrifluoromethane**

[2314-97-8]

*mp* <-78°C *bp* -22°C *n*<sub>D</sub> 1,3790 (*t*=-42°C) *d* 2,3608 (*t*=-42°C) *fp* none

CF<sub>3</sub>I

FW 195.91

Irritant/Mutagen



**1084 (Trifluoromethyl)maleic anhydride, 99%**

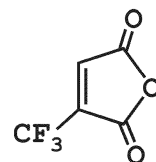
[700-27-6]

*bp* 153-155°C *n*<sub>D</sub><sup>20</sup> 1,4005 *d* 1,55

C<sub>5</sub>HF<sub>3</sub>O<sub>3</sub>

FW 166.06

Corrosive/Irritant



**1085 (Trifluoromethyl)oxirane, 99%**

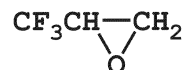
[359-41-1]

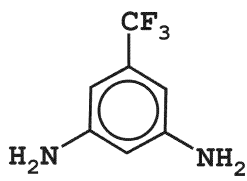
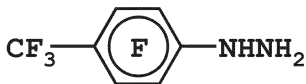
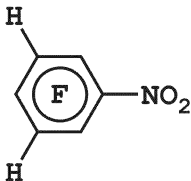
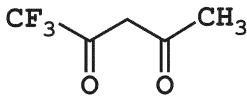
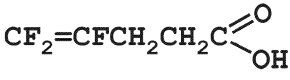
*bp* 39-40°C *n*<sub>D</sub><sup>20</sup> 1,2997-1,3050 *d* 1,382 *fp* -40°C

C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O

FW 112.05

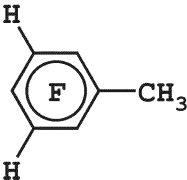
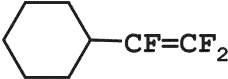
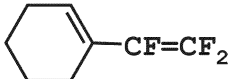
Toxic/Flammable

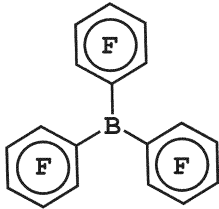
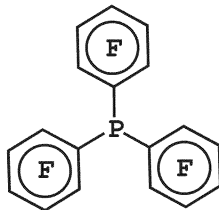
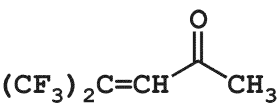
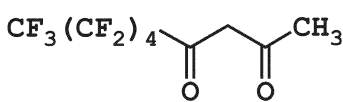
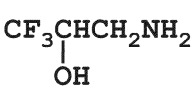


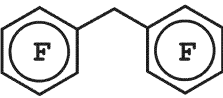
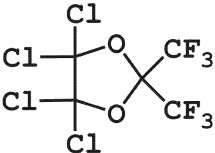
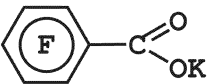
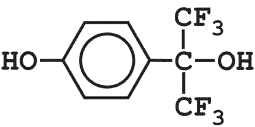
1086	<b>5-(Trifluoromethyl)-1,3-phenylenediamine</b> [368-53-6] <i>mp</i> 88–89°C $C_7H_7F_3N_2$ FW 176.14 Harmful/Irritant	
1087	<b>Tetrafluoro-4-(trifluoromethyl)phenylhydrazine</b> [1868-85-5] <i>mp</i> 82–83° $C_7H_3F_7N_2$ FW 248.10 Irritant	
1088	<b>2,4,6-Trifluoronitrobenzene</b> [315-14-0] <i>mp</i> 2–5°C <i>bp</i> 182–183°C $n_D^{20}$ 1.4770–1.5005 <i>d</i> 1.514 <i>fp</i> 77°C $C_6H_2F_3NO_2$ FW 177.08 Harmful/Irritant	
1089	<b>1,1,2-Trifluorooct-1-ene</b> [760-99-6] <i>bp</i> 120°C $n_D^{20}$ 1.377 <i>d</i> 0.977 $C_8H_{13}F_3$ FW 166.19 Flammable/Irritant	$CF_2=CF(CH_2)_5CH_3$
1090	<b>1,1,1-Trifluoroacetylacetone, 99%</b> [367-57-7] <i>bp</i> 107°C $n_D^{20}$ 1.379–1.389 <i>d</i> 1.281 <i>fp</i> 21°C $C_5H_5F_3O_2$ FW 154.09 Flammable/Irritant/Lachrymatory	
1091	<b>5,5,5-Trifluoropentan-1-ol</b> [352-61-4] <i>bp</i> 147–148°C $n_D^{20}$ 1.3609 <i>d</i> 1.315 $C_5H_9F_3O$ FW 142.12 Flammable/Irritant	$CF_3(CH_2)_3CH_2OH$
1092	<b>1,1,2-Trifluoropent-1-ene</b> [261761-31-3] $C_5H_7F_3$ FW 124.11 Flammable/Irritant	$CF_2=CFCH_2CH_2CH_3$
1093	<b>4,5,5-Trifluoropent-4-enoic acid</b> [110003-22-0] <i>bp</i> 78°C/5 mm Hg <i>d</i> 1.6 $C_5H_5F_3O_2$ FW 154.09 Corrosive	

<b>1094</b>	<b>4,5,5-Trifluoropent-4-en-1-ol</b> [109993-33-1] <i>bp</i> 48°C/10 mm Hg <i>d</i> 1,25 $C_5H_7F_3O$ FW 140.11 Irritant	$CF_2=CFCH_2CH_2CH_2OH$
<b>1095</b>	<b>3,3,3-Trifluoropropionic acid</b> [2516-99-6] <i>mp</i> 9,7°C <i>bp</i> 145-146°C $n_D^{20}$ 1,333 <i>d</i> 1,45 $C_3H_3F_3O_2$ FW 128.05 Corrosive/Irritant	$CF_3CH_2C(=O)OH$
<b>1096</b>	<b>3,3,3-Trifluoropropan-1-ol, 98%</b> [2240-88-2] <i>bp</i> 100-101°C $n_D^{20}$ 1,32 <i>d</i> 1,294 <i>fp</i> 37°C $C_3H_5F_3O$ FW 114.07 Flammable/Irritant	$CF_3CH_2CH_2OH$
<b>1097</b>	<b>1,1,1-Trifluoropropan-2-ol, 98%</b> [374-01-6] <i>mp</i> -52°C <i>bp</i> 76-78°C $n_D^{20}$ 1,316-1,319 <i>d</i> 1,259 <i>fp</i> 25°C $C_3H_5F_3O$ FW 114.07 Flammable/Irritant	$CF_3CH(OH)CH_3$
<b>1098</b>	<b>3,3,3-Trifluoropropene</b> [677-21-4] <i>bp</i> -22°C $C_3H_3F_3$ FW 96.05 Flammable	$CF_3CH=CH_2$
<b>1099</b>	<b>3,3,3-Trifluoropropanal, 95%</b> [460-40-2] <i>bp</i> 56-57°C $n_D^{20}$ 1,3168 <i>d</i> 1,365 $C_3H_3F_3O$ FW 112.05 Air Sensitive/Flammable/Irritant	$CF_3CH_2C(=O)H$
<b>1100</b>	<b>3,3,3-Trifluoropropionyl chloride</b> [41463-83-6] <i>bp</i> 71-72°C $n_D^{20}$ 1,3382 <i>d</i> 1,422 <i>fp</i> -17°C $C_3H_2ClF_3O$ FW 146.50 Corrosive/Moisture Sensitive/Irritant	$CF_3CH_2C(=O)Cl$
<b>1101</b>	<b>3,3,3-Trifluoropropyne</b> [661-54-1] <i>bp</i> -48°C $C_3HF_3$ FW 94.04 Flammable	$CF_3C\equiv CH$



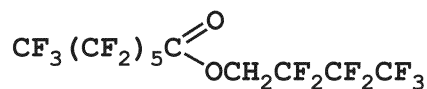
1102	<b>5,5,5-Trifluoropent-2-enoic acid</b> [1314994-88-1]  $C_5H_5F_3O_2$ FW 154.09 Corrosive	$CF_3CH_2CH=CHC(=O)OH$
1103	<b>2,4,6-Trifluorotoluene</b> [93343-11-4] <i>bp 106-108°C d 1,05</i> $C_7H_5F_3$ FW 146.11 Flammable/Irritant	
1104	<b>4,4,4-Trifluoro-3-(trifluoromethyl)crotonic acid</b> [1763-28-6] <i>mp 28-29°C bp 158-159°C n<sub>D</sub><sup>20</sup> 1,3353(t=25°C)</i> $C_5H_2F_6O_2$ FW 208.06 Corrosive/Irritant	$CF_3C(CF_3)=CHC(=O)OH$
1105	<b>3,3,3-Trifluoro-2-(trifluoromethyl)propionic acid</b> [564-10-3] <i>mp 49-50°C bp 135-137°C n<sub>D</sub><sup>20</sup> 1,31</i> $C_4H_2F_6O_2$ FW 196.05 Corrosive	$CF_3CH(CF_3)C(=O)OH$
1108	<b>(Trifluorovinyl)cyclohexane</b> [242812-08-4] <i>bp 130-132°C d 1,3</i> $C_8H_{11}F_3$ FW 164.17 Irritant	
1109	<b>1-(Trifluorovinyl)cyclohexene</b> [243863-42-5]  $C_8H_9F_3$ FW 162.15 Irritant	
1110	<b>Trimethylsilyl perfluoro(2-ethoxyethane)sulfonate</b> [136049-37-1]  $C_7H_9F_9O_4SSi$ FW 388.28 Irritant	$CF_3CF_2OCF_2CF_2SO_2OSi(CH_3)_3$
1111	<b>Trimethyl(trifluoromethyl)silane, 99%</b> [81290-20-2] <i>bp 54-55°C n<sub>D</sub><sup>20</sup> 1,3270-1,3320 d 0,9626 fp -16°C</i> $C_4H_9F_3Si$ FW 142.20 Flammable/Irritant/Moisture Sensitive	$CF_3Si(CH_3)_3$

1112	<b>Perfluoro(triethyl)amine, 98%</b> [359-70-6] <i>bp</i> 69-70°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2620 <i>d</i> 1,736 <i>fp</i> none C <sub>6</sub> F <sub>15</sub> N FW 371.05	(CF <sub>3</sub> CF <sub>2</sub> ) <sub>3</sub> N
1113	<b>Tris(pentafluorophenyl)borane</b> [1109-15-5] <i>mp</i> 126-128°C C <sub>18</sub> BF <sub>15</sub> FW 511.99 Irritant/Toxic/Moisture/Sensitive	
1114	<b>Tris(pentafluorophenyl)phosphine</b> [1259-35-4] <i>mp</i> 115-116°C C <sub>18</sub> F <sub>15</sub> P FW 532.15 Irritant	
1115	<b>5,5,5-Trifluoro-4-(trifluoromethyl)pent-3-en-2-one</b> [1422-36-2] <i>bp</i> 109-111°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,333 <i>d</i> 1,41 C <sub>6</sub> H <sub>4</sub> F <sub>6</sub> O FW 206.09 Flammable/Irritant	
1116	<b>5,5,6,6,7,7,8,8,9,9,9-Undecafluorononane-2,4-dione</b> [75824-01-0] <i>bp</i> 162-164°C C <sub>9</sub> H <sub>5</sub> F <sub>11</sub> O <sub>2</sub> FW 354.12 Irritant	
1117	<b>Difluoroiodomethane</b> [1493-03-4] <i>mp</i> -122°C <i>bp</i> 21-22°C <i>d</i> 2,4 CHF <sub>2</sub> I FW 177.92 Irritant	HCF <sub>2</sub> I
1118	<b>3-Amino-1,1,1-trifluoropropan-2-ol</b> [431-38-9] <i>mp</i> 99°C C <sub>3</sub> H <sub>6</sub> F <sub>3</sub> NO FW 129.08 Irritant	
1119	<b>1-Chloroheptafluoropropane (FC 217A)</b> [422-86-6] <i>bp</i> -2°C <i>n</i> <sub>D</sub> 1,2837( <i>t</i> =-42°C) <i>d</i> 1,6605 ( <i>t</i> =-33,5°C) C <sub>3</sub> ClF <sub>7</sub> FW 204.47 Irritant	CF <sub>3</sub> CF <sub>2</sub> CF <sub>2</sub> Cl

1120	<b>Bis(pentafluorophenyl)methane</b> [5736-46-9] <i>mp</i> 62°C <i>bp</i> 110-115°C/2 mm Hg $C_{13}H_2F_{10}$ FW 348.14	
1122	<b>2,2-Bis(trifluoromethyl)tetrachloro-1,3-dioxolane</b> [64499-81-6] <i>bp</i> 56°C/25 mm Hg $n_D^{20} 1.3900$ ( $t = 19^\circ C$ ) $C_5Cl_4F_6O_2$ FW 347.86	
1123	<b>Potassium pentafluorobenzoate</b> [58521-27-0] $C_7F_5KO_2$ FW 250.17	
1124	<b>2-Bromo-1H,1H-perfluorodec-1-ene</b> [51249-65-1] <i>bp</i> 63°C/12 mm Hg $C_{10}H_2BrF_{17}$ FW 525.00 Irritant	$CF_3(CF_2)_7CBr=CH_2$
1125	<b>1-Bromo-1H,1H,2H,2H-perfluorooctane</b> [161583-34-2] <i>bp</i> 165°C $d 1,8$ $C_8H_4BrF_{13}$ FW 427.00 Irritant	$CF_3(CF_2)_5CH_2CH_2Br$
1126	<b>4-(2-Hydroxyhexafluoroisopropyl)phenol</b> [836-79-3] <i>mp</i> 122-123°C $C_9H_6F_6O_2$ FW 260.14 Irritant	
1127	<b>1,1,1,3,3,3-Hexafluoroisopropylamine</b> [1619-92-7] <i>bp</i> 57-58°C $n_D^{20} 1.2900$ $d 1,5442$ $C_3H_3F_6N$ FW 167.05 Irritant	$CF_3CH(NH_2)CF_3$
1128	<b>1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether</b> [993-95-3] <i>bp</i> 72°C $n_D^{20} 1.2728$ $d 1,5398$ $C_5H_3F_9O$ FW 250.06 Irritant	$CF_3CH_2OCF_2CHFCF_3$

**1129 2,2,3,3,4,4,4-Heptafluorobutyl perfluoroheptanoate**  
[1244856-11-8]

$C_{11}H_2F_{20}O_2$   
FW 546.10



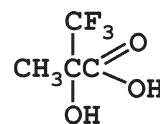
**1130 Tetrafluoro-4-(trifluoromethyl)thiophenol**  
[651-84-3]

*bp* 169°C  $n_D^{20}$  1.4420 *d* 1.66  
 $C_7HF_7S$   
FW 250.13  
Irritant



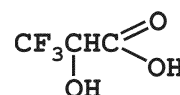
**1131 2-Hydroxy-2-(trifluoromethyl)propionic acid**  
[114715-77-4]

*mp* 88°C *bp* 189°C  
 $C_4H_5F_3O_3$   
FW 158.08  
Corrosive



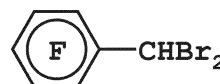
**1132 3,3,3-Trifluoro-DL-lactic acid**  
[684-07-1]

*mp* 68-69°C *bp* 57°C/123 mm Hg  
 $C_3H_3F_3O_3$   
FW 144.05  
Corrosive/Hygrosopic



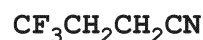
**1133 (Dibromomethyl)pentafluorobenzene**  
[887266-89-9]

$C_7HBr_2F_5$   
FW 339.88  
Corrosive/Lachrymatory



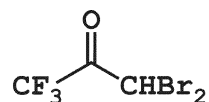
**1134 4,4,4-Trifluorobutyronitrile**  
[690-95-9]

*bp* 139-140°C  $n_D$  1.565(*t*=25°C) *d* 1.21(*t*=25°C)  
 $C_4H_4F_3N$   
FW 123.08  
Irritant/Flammable/Toxic



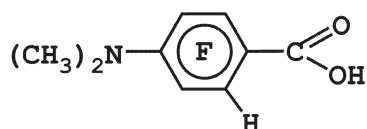
**1135 1,1-Dibromo-3,3,3-trifluoroacetone**  
[431-67-4]

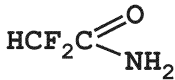
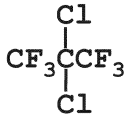
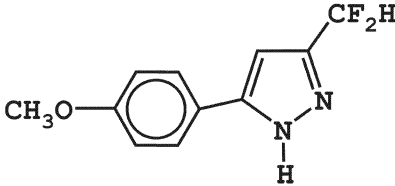
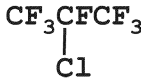
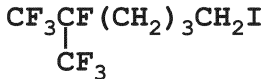
*bp* 111-113°C  $n_D^{20}$  1.4305 *fp* none  
 $C_3HBr_2F_3O$   
FW 269.84  
Harmful/Lachrymatory/Keep Cold



**1136 4-(Dimethylamino)-2,3,5-trifluorobenzoic acid**  
[1309602-70-7]

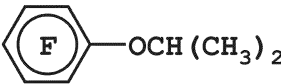
$C_9H_8F_3NO_2$   
FW 219.16



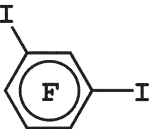
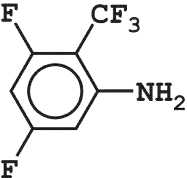
1137	<b>1-Chloroperfluorohexane</b> [355-41-9] <i>bp</i> 85°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,287 <i>d</i> 1,705 $C_6ClF_{13}$ FW 354.50 Irritant	$CF_3(CF_2)_4CF_2Cl$
1138	<b>Difluoroacetamide</b> [359-38-6] <i>mp</i> 51°C <i>bp</i> 108,6°C/35mm Hg $C_2H_3F_2NO$ FW 95.05 Irritant	
1139	<b>2,2-Dichlorohexafluoropropane</b> [1652-80-8] <i>mp</i> 1-3°C <i>bp</i> 35°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3032 <i>d</i> 1,65 $C_3Cl_2F_6$ FW 220.93 Irritant/Ozone Depleter	
1140	<b>3(5)-Difluoromethyl-5(3)-(4-methoxyphenyl)pyrazole</b> [1029636-42-7] $C_{11}H_{10}F_2N_2O$ FW 224.21	
1143	<b>2-Chloroheptafluoropropane</b> [76-18-6] <i>mp</i> -86,6°C <i>bp</i> 2°C $C_3ClF_7$ FW 204.48 Irritant	
1144	<b>1H,1H,1H,2H,2H-Perfluorohexane, 99%</b> [38436-17-8] <i>bp</i> 67-68°C <i>d</i> 1,428 $C_6H_5F_9$ FW 248.09	$CF_3(CF_2)_3CH_2CH_3$
1146	<b>1-Iodo-1H,1H-perfluoroheptane</b> [212563-43-4] <i>bp</i> 155°C <i>d</i> 1,7 $C_7H_2F_{13}I$ FW 459.98 Irritant	$CF_3(CF_2)_5CH_2I$
1147	<b>6-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)hexane</b> [99324-97-7] $C_7H_8F_7I$ FW 352.04 Irritant	

1148	<b>Potassium heptafluorobutyrate</b> [2966-54-3]	$\text{C}_4\text{F}_7\text{KO}_2$ FW 252.13	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(=\text{O})\text{OK}$
1149	<b>Potassium difluoroacetate</b> [6291-26-5]	$\text{C}_2\text{HF}_2\text{KO}_2$ FW 134.12	$\text{HCF}_2\text{C}(=\text{O})\text{OK}$
1150	<b>1-Iodo-8H-perfluorooctane</b> [79162-64-4] <i>bp</i> 162-163, 5°C $\text{C}_8\text{HF}_{16}\text{I}$ FW 527.98 Irritant		$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{I}$
1151	<b>Potassium perfluoroheptanoate</b> [21049-36-5]	$\text{C}_7\text{F}_{13}\text{KO}_2$ FW 402.15	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{OK}$
1152	<b>Potassium nonafluoropentanoate</b> [336-23-2]	$\text{C}_5\text{F}_9\text{KO}_2$ FW 302.14	$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{OK}$
1153	<b>3,3,4,4,5,5,5-Heptafluoro-2-methylpentan-2-ol</b> [355-22-6] <i>bp</i> 107-108°C $n_D^{20}$ 1,3252–1,3279 $d$ 1,439 $\text{C}_6\text{H}_7\text{F}_7\text{O}$ FW 228.11 Irritant		$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CH}_3)_2\text{OH}$
1154	<b>Methyl 3-(2,2,3,3,4,4,5,5-octafluoropentoxo)propionate</b> [1309602-05-8]	$\text{C}_9\text{H}_{10}\text{F}_8\text{O}_3$ FW 318.16 Flammable/Irritant	$\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{C}(=\text{O})\text{OCH}_3$
1155	<b>1,16-Dichloroperfluorohexadecane</b> [1555-20-0] <i>mp</i> 140°C $\text{C}_{16}\text{Cl}_2\text{F}_{32}$ FW 871.03		$\text{ClCF}_2(\text{CF}_2)_{14}\text{CF}_2\text{Cl}$

<b>1156</b>	<b>Perfluorohexadecane</b> [355-49-7] <i>mp</i> 125-126°C <i>bp</i> 239-240°C <i>d</i> 1,856 $C_{16}F_{34}$ FW 838.12 Non-flammable/Irritant	$CF_3(CF_2)_{14}CF_3$
<b>1157</b>	<b>Methyl perfluoropentanoate, 99%</b> [13038-26-1] <i>bp</i> 99-100°C <i>d</i> 1,56 $C_6H_3F_9O_2$ FW 278.07 Irritant	$CF_3(CF_2)_3C(=O)OCH_3$
<b>1158</b>	<b>2-Methyl-4,4,4-trifluorobutyric acid</b> [99783-23-0] <i>bp</i> 172-175°C <i>d</i> 1,25 $C_5H_7F_3O_2$ FW 156.10 Corrosive	$CF_3CH_2CH(CF_3)C(=O)OH$
<b>1159</b>	<b>Methyl 2,3-dichlorotrifluoropropionate</b> [16329-89-8] <i>bp</i> 126-127°C $C_4H_3Cl_2F_3O$ FW 210.97 Irritant	$ClCF_2C(Cl)C(=O)OCH_3$
<b>1160</b>	<b>1-Methoxy-3,3,3-trifluoropropene</b> [406-89-3] (E)[26885-71-2] (Z)[26885-67-6] <i>bp</i> 83-84°C $n_D^{20}$ 1,3294 <i>d</i> 1,1568 $C_4H_5F_3O$ FW 126.08 Flammable/Irritant	$CF_3CH=CHOCH_3$
<b>1161</b>	<b>Sodium difluoroacetate</b> [2218-52-2] $C_2HF_2NaO_2$ FW 118.02	$HCF_2C(=O)ONa$
<b>1162</b>	<b>3,3,3-Trifluoropropionitrile</b> [20530-38-5] <i>bp</i> 92-93°C $n_D^{20}$ 1,3045 <i>d</i> 1,279 $C_3H_2F_3N$ FW 109.05 Flammable/Toxic	$CF_3CH_2CN$
<b>1163</b>	<b>Octafluorobut-1-ene (mixture of isomers 10-20% Octafluorobut-2-ene)</b> [357-26-6] <i>bp</i> 4°C <i>d</i> 1,5443 $C_4F_8$ FW 200.03 Non-flammable	$CF_3CF_2CF=CF_2$

1164	<b>Sodium nonafluoropentanoate</b> [2706-89-0] <i>mp</i> 256-257°C $C_5F_9NaO_2$ FW 286.03	$CF_3(CF_2)_3C(=O)ONa$
1165	<b>2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl diacrylate</b> [2264-01-9] <i>bp</i> 90-92°C/0,5 mm Hg $n_D^{20}$ 1,3895-1,4030 $d$ 1,2537 $C_{12}H_{10}F_8O_4$ FW 370.20 Irritant	$CH_2=CHC(=O)OCH_2(CF_2)_4CH_2OC(=O)CH=CH_2$
1166	<b>Methyl pentafluoroethyl ketone</b> [374-41-4] <i>bp</i> 40-42°C $n_D^{20}$ 1,291 $d$ 1,284 $C_4H_3F_5O$ FW 162.06 Irritant	$CF_3CF_2C(=O)CH_3$
1167	<b>Isopropoxypentafluorobenzene</b> [61874-51-9] <i>bp</i> 54-55°C/12 mm Hg $C_9H_7F_5O$ FW 226.15	
1168	<b>4,4,5,5,5-Pentafluoropentanoic acid</b> [3637-31-8] <i>mp</i> 23-25°C <i>bp</i> 84°C/20 mm Hg $C_5H_5F_5O_2$ FW 192.09 Corrosive	$CF_3CF_2CH_2CH_2C(=O)OH$
1171	<b>Perfluoro(2,5-dimethyl-3,6-dioxanonanoic)acid</b> [13252-14-7] <i>bp</i> 185-186°C $C_9HF_{17}O_4$ FW 496.08 Corrosive/Moisture Sensitive	$F(CF(CF_3)CF_2O)_2CFC(=O)OH$
1172	<b>1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanonan-1-ol)</b> [14548-74-4] <i>bp</i> 155-156°C $n_D^{20}$ 1,3051 $d$ 1,6926 $C_9H_3F_{17}O_3$ FW 482.09 Irritant	$F(CF(CF_3)CF_2O)_2CFCH_2OH$
1173	<b>4,4,4-Trifluoro-3-(trifluoromethyl)butan-1-ol</b> [17327-35-4] <i>bp</i> 128-129°C $n_D$ 1,3269( $t=23^\circ C$ ) $C_5H_6F_6O$ FW 196.09 Flammable/Irritant	$CF_3CH(CF_3)CH_2CH_2OH$



<b>1175</b>	<b>1H-Perfluorooctane, 96%</b> [335-65-9] <i>bp</i> 118°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,283–1,300 <i>d</i> 1,76 C <sub>8</sub> HF <sub>17</sub> FW 420.07 Irritant	$\text{CF}_3(\text{CF}_2)_6\text{CF}_2\text{H}$
<b>1176</b>	<b>1,1,2,3,3,4,4-Heptafluorobut-1-ene</b> [680-54-6] <i>bp</i> 20–21°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,27 C <sub>4</sub> HF <sub>7</sub> FW 182.04 Irritant	$\text{HCF}_2\text{CF}_2\text{CF}=\text{CF}_2$
<b>1178</b>	<b>1,3-Diiodotetrafluorobenzene</b> [67815-57-0] <i>bp</i> 140°C/13 mm Hg C <sub>6</sub> F <sub>4</sub> I <sub>2</sub> FW 401.87	
<b>1179</b>	<b>2-Amino-1,1,1-trifluoropropane</b> [421-49-8] <i>bp</i> 46–47°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,321 <i>d</i> 1,18 C <sub>3</sub> H <sub>6</sub> F <sub>3</sub> N FW 113.08 Irritant	$\text{CF}_3\text{CH}(\text{NH}_2)\text{CH}_3$
<b>1180</b>	<b>2-Iodo-2H-hexafluoropropane</b> [4141-91-7] <i>bp</i> 56–58°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3528 <i>d</i> 2,1127 C <sub>3</sub> HF <sub>6</sub> I FW 277.94 Irritant/Light Sensitive	$\text{CF}_3\text{CH}(\text{I})\text{CF}_3$
<b>1181</b>	<b>4-Bromo-1,1,1-trifluoro-2-(trifluoromethyl)butane</b> [203303-02-0] <i>bp</i> 108°C <i>d</i> 1,6 C <sub>5</sub> H <sub>5</sub> BrF <sub>6</sub> FW 258.99 Irritant	$\text{CF}_3\text{CH}(\text{CF}_3)\text{CH}_2\text{CH}_2\text{Br}$
<b>1182</b>	<b>3,3,3-Trifluoropropylamine</b> [460-39-9] <i>bp</i> 67,5–68°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3305–1,3316 <i>d</i> 1,25 C <sub>3</sub> H <sub>6</sub> F <sub>3</sub> N FW 113.08 Corrosive/Irritant	$\text{CF}_3\text{CH}_2\text{CH}_2\text{NH}_2$
<b>1183</b>	<b>2-Amino-4,6-difluorobenzotrifluoride</b> [123973-33-1] <i>bp</i> 78°C/18 mm Hg C <sub>7</sub> H <sub>4</sub> F <sub>5</sub> N FW 197.11 Irritant	

**1185 2,3,4,6-Tetrafluoronitrobenzene**

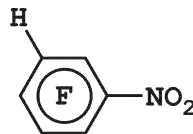
[314-41-0]

*mp* -5°C *bp* 177-178°C *n*<sub>D</sub><sup>20</sup> 1,4651 *d* 1,61

C<sub>6</sub>H<sub>4</sub>F<sub>4</sub>NO<sub>2</sub>

FW 195.07

Irritant



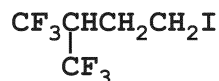
**1186 4-Iodo-1,1,1-trifluoro-2-(trifluoromethyl)butane**

[1346176-00-8]

C<sub>5</sub>H<sub>5</sub>F<sub>6</sub>I

FW 305.99

Irritant



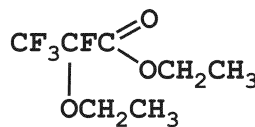
**1187 Ethyl 2-ethoxy-2,3,3,3-tetrafluoropropionate**

[10186-66-0]

*bp* 138-139°C *n*<sub>D</sub><sup>20</sup> 1,3482 *d* 1,227

C<sub>7</sub>H<sub>10</sub>F<sub>4</sub>O<sub>3</sub>

FW 218.15



**1188 2H-Perfluoro(5-methyl-3,6-dioxanonane)**

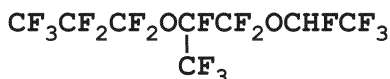
[3330-14-1]

*mp* -122°C *bp* 103-105°C *n*<sub>D</sub><sup>20</sup> 1,2598 *d* 1,659

C<sub>8</sub>H<sub>2</sub>F<sub>17</sub>O<sub>2</sub>

FW 452.06

Irritant



**1189 1,4-Bis(hydroxymethyl)-2,3,5,6-tetrafluorobenzene**

[92339-07-6]

*mp* 126-127°C

C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 210.13

Irritant



**1190 2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzyl alcohol**

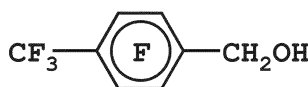
[79674-46-7]

*mp* 45-48°C *bp* 168-169°C

C<sub>8</sub>H<sub>3</sub>F<sub>7</sub>O

FW 248.10

Irritant

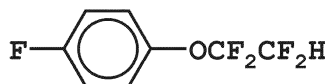


**1191 1-Fluoro-4-(1,1,2,2-tetrafluoroethoxy)benzene**

[887268-36-2]

C<sub>8</sub>H<sub>5</sub>F<sub>5</sub>O

FW 212.12



**1192 Decafluoro-1,2-epoxycyclohexane, 92%**

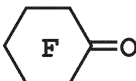
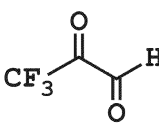
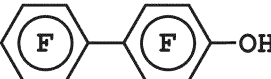
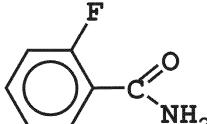
[5927-67-3]

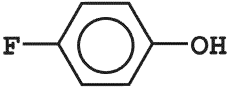
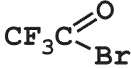
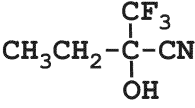
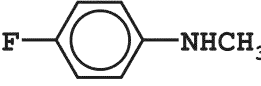
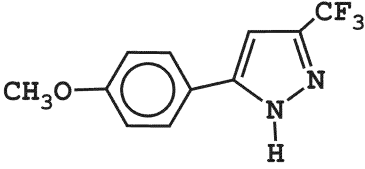
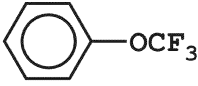
*bp* 53-55°C *n*<sub>D</sub><sup>20</sup> 1,3710 *d* 1,391

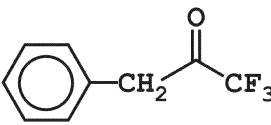
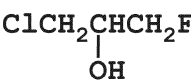
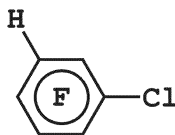

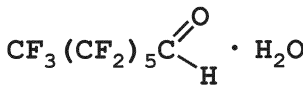
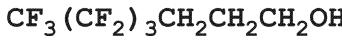
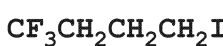
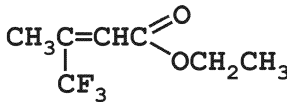
C<sub>6</sub>F<sub>10</sub>O

278.05



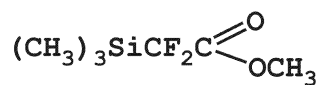
<b>1193</b>	<b>Decafluorocyclohexanone, 92%</b> [1898-91-5] <i>bp</i> 54-56°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2835 <i>d</i> 1,689 C <sub>6</sub> F <sub>10</sub> O FW 278.05	
<b>1194</b>	<b>Allyl 1H,1H,2H,2H-perfluorooctyl ether</b> [103628-86-0] <i>bp</i> 80-82°C/20 mm Hg C <sub>11</sub> H <sub>9</sub> F <sub>13</sub> O FW 404.17 Flammable	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$
<b>1195</b>	<b>4,4,4-Trifluorobutylamine</b> [819-46-5] <i>bp</i> 90-91°C <i>n</i> <sub>D</sub> 1,3452( <i>t</i> =25°C) <i>d</i> 1,35 C <sub>4</sub> H <sub>8</sub> F <sub>3</sub> N FW 127.11 Irritant	$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{NH}_2$
<b>1196</b>	<b>Heptafluorobyaldehyde</b> [375-02-0] <i>bp</i> 29°C <i>n</i> <sub>D</sub> 1,273( <i>t</i> =4°C) <i>d</i> 1,505 C <sub>4</sub> HF <sub>7</sub> O FW 198.04 Moisture Sensitive/Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(=\text{O})\text{H}$
<b>1197</b>	<b>5,5,5-Trifluorovaleronitrile</b> [89866-61-5] <i>bp</i> 60°C/10 mm Hg C <sub>5</sub> H <sub>6</sub> F <sub>3</sub> N FW 137.10 Irritant	$\text{CF}_3(\text{CH}_2)_3\text{CN}$
<b>1198</b>	<b>Trifluoropyruvic aldehyde (20% aqueous solution)</b> [91944-47-7] C <sub>3</sub> HF <sub>3</sub> O <sub>2</sub> FW 126.03 Air Sensitive/Irritant/Keep Cold	
<b>1199</b>	<b>4-Hydroxynonafluorobiphenyl</b> [2894-87-3] <i>mp</i> 119-120°C C <sub>12</sub> HF <sub>9</sub> O FW 332.12 Irritant	
<b>1200</b>	<b>2-Fluorobenzamide</b> [445-28-3] <i>mp</i> 115-117°C C <sub>7</sub> H <sub>6</sub> FNO FW 139.13 Irritant	

1201	<b>4-Fluorophenol</b> [371-41-5] <i>mp</i> 48-51°C <i>bp</i> 185°C C <sub>6</sub> H <sub>5</sub> FO FW 112.10 Corrosive/Harmful	
1202	<b>1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether</b> [406-78-0] <i>bp</i> 57-58°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2728 <i>d</i> 1,487 C <sub>4</sub> H <sub>3</sub> F <sub>7</sub> O FW 200.06 Irritant	$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CF}_3$
1203	<b>Trifluoroacetyl bromide</b> [354-31-4] <i>bp</i> 0-2°C C <sub>2</sub> BrF <sub>3</sub> O FW 176.92 Corrosive/Moisture Sensitive/Toxic	
1204	<b>2-Hydroxy-2-(trifluoromethyl)butyronitrile</b> [203302-91-4] <i>bp</i> 75-78°C/40 mm Hg C <sub>5</sub> H <sub>6</sub> F <sub>3</sub> NO FW 153.10 Irritant	
1206	<b>4-Fluoro-N-methylaniline</b> [459-59-6] <i>bp</i> 78-80°C/10 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,5314 <i>d</i> 1,1057 <i>fp</i> 75°C C <sub>7</sub> H <sub>8</sub> FN FW 125.15 Irritant	
1207	<b>4,4,4-Trifluorocrotononitrile</b> [406-86-0] (E)[84476-96-0] (Z)[138778-59-3] <i>bp</i> 84-85°C C <sub>4</sub> H <sub>2</sub> F <sub>3</sub> N FW 121.06 Toxic	$\text{CF}_3\text{CH}=\text{CHCN}$
1208	<b>5(3)-(4-Methoxyphenyl)-3(5)-(trifluoromethyl)pyrazole</b> [365427-25-4] C <sub>11</sub> H <sub>9</sub> F <sub>3</sub> N <sub>2</sub> O FW 242.20	
1209	<b>(Trifluoromethoxy)benzene</b> [456-55-3] <i>bp</i> 104-107°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,405 <i>d</i> 1,28 <i>fp</i> 12°C C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O FW 162.11 Corrosive/Flammable	

1211	<b>3-Phenyl-1,1,1-trifluoroacetone</b> [350-92-5] <i>bp</i> 164-167°C <i>n<sub>D</sub></i> 1,4432-1,4625( <i>t</i> =25°C) <i>d</i> 1,22( <i>t</i> =25°C) <i>fp</i> 33°C $C_9H_7F_3O$ FW 188.15 Flammable/Irritant	
1212	<b>1-Chloro-3-fluoropropan-2-ol, 95%</b> [453-11-2] <i>bp</i> 153-156°C <i>n<sub>D</sub></i> 1,436 <i>d</i> 1,3 $C_3H_6ClFO$ FW 112.53 Irritant	
1213	<b>1-Chloro-2,3,4,6-tetrafluorobenzene, 96%</b> [5172-06-5] <i>bp</i> 123-123,5°C <i>n<sub>D</sub></i> 1,4388-1,4410 <i>d</i> 1,5499 $C_6HClF_4$ FW 184.52 Irritant	
1214	<b>4-Chloro-2,3,5,6-tetrafluorotoluene</b> [60903-82-4] <i>bp</i> 156-159°C $C_7H_3ClF_4$ FW 198.55 Irritant	
1215	<b>Perfluoroheptanal hydrate</b> [64739-16-8] <i>mp</i> 77-78°C $C_7H_3F_{13}O_2$ FW 366.08 Irritant	
1216	<b>4,4,5,5,6,6,7,7,7-Nonafluoroheptan-1-ol</b> [83310-97-8] <i>bp</i> 163-164°C <i>n<sub>D</sub></i> 1,327 <i>d</i> 1,528 <i>fp</i> 77°C $C_7H_7F_9O$ FW 278.12 Irritant	
1217	<b>1-Iodo-4,4,4-trifluorobutane</b> [461-17-6] <i>bp</i> 126-127°C <i>n<sub>D</sub></i> 1,4326 <i>d</i> 1,851 <i>fp</i> >100°C $C_4H_6F_3I$ FW 237.99 Irritant/Light Sensitive	
1218	<b>Ethyl 3-(trifluoromethyl)crotonate</b> [24490-03-7] (E)[691-77-0] (Z)[64750-89-6] <i>bp</i> 130-131°C <i>n<sub>D</sub></i> 1,375 $C_7H_9F_3O_2$ FW 182.14 Flammable/Irritant	

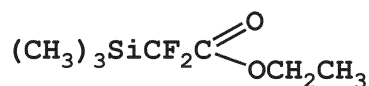
**1219 Methyl trimethylsilyldifluoroacetate**  
[730971-66-1]

C<sub>6</sub>H<sub>12</sub>F<sub>2</sub>O<sub>2</sub>Si  
FW 182.24



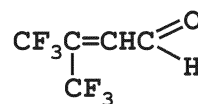
**1220 Ethyl trimethylsilyldifluoroacetate**  
[205865-67-4]

*bp* 55°C/20 mm Hg  
C<sub>7</sub>H<sub>14</sub>F<sub>2</sub>O<sub>2</sub>Si  
FW 196.27



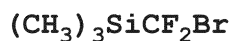
**1221 4,4,4-Trifluoro-3-(trifluoromethyl)crotonal**  
[104291-39-6]

*bp* 71°C  
C<sub>5</sub>H<sub>2</sub>F<sub>6</sub>O  
FW 192.06  
Air Sensitive/Irritant



**1222 Trimethyl(bromodifluoromethyl)silane**  
[115262-01-6]

*bp* 112°C  
C<sub>4</sub>H<sub>9</sub>BrF<sub>2</sub>Si  
FW 203.10  
Irritant



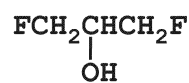
**1223 Hexafluoroacetone imine**  
[1645-75-6]

*mp* -47°C *bp* 16-17°C *d* 1,51  
C<sub>3</sub>HF<sub>6</sub>N  
FW 165.04  
Toxic



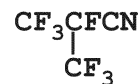
**1224 1,3-Difluoropropan-2-ol**  
[453-13-4]

*bp* 127-128°C *n*<sub>D</sub><sup>20</sup> 1,374-1,380 *d* 1,24 *fp* 42°C  
C<sub>3</sub>H<sub>6</sub>F<sub>2</sub>O  
FW 96.08  
Flammable/Harmful



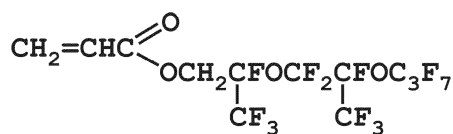
**1226 Heptafluoroisobutyronitrile**  
[42532-60-5]

C<sub>4</sub>F<sub>7</sub>N  
FW 195.04  
Irritant



**1227 1H,1H-Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) acrylate**  
[17559-01-2]

*bp* 80°C/12 mm Hg *d* 1,44  
C<sub>12</sub>H<sub>5</sub>F<sub>17</sub>O<sub>4</sub>  
FW 536.14  
Keep Cold



1228	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)butan-1-ol</b> [1378864-58-4] <i>bp</i> 121°C $C_5H_5F_7O_2$ FW 230.08 Irritant	$  \begin{array}{c}  CF_3CFCH_2CH_2OH \\    \\  OCF_3  \end{array}  $
1229	<b>Trifluoroacetamidine</b> [354-37-0] <i>bp</i> 35–36°C/11mm Hg $n_D^{20}$ 1,3801–1,3838( $t=25^\circ C$ ) $d$ 1,45 $C_2H_3F_3N_2$ FW 112.05 Moisture Sensitive/Corrosive/Irritant/Keep Cold	$  \begin{array}{c}  NH \\  // \\  CF_3C \\  \backslash \\  NH_2  \end{array}  $
1231	<b>2-(Trifluoromethyl)propan-2-ol</b> [507-52-8] <i>mp</i> 19–21°C <i>bp</i> 80–81°C $n_D^{20}$ 1,337 $d$ 1,19 <i>fp</i> 15°C $C_4H_7F_3O$ FW 128.09 Flammable	$  \begin{array}{c}  CF_3 \\    \\  CH_3-C-CH_3 \\    \\  OH  \end{array}  $
1232	<b>2-Phenyl-1,1,1-trifluoropropan-2-ol</b> [426-54-0] <i>bp</i> 91–92°C/21 mm Hg $n_D^{20}$ 1,4658 $d$ 1,2511 $C_9H_9F_3O$ FW 190.16 Irritant	$  \begin{array}{c}  CH_3 \\    \\  C_6H_5-C-OH \\    \\  CF_3  \end{array}  $
1233	<b>2-Chloro-1,6-dibromo-1,1,2-trifluorohexane</b> [126828-28-2] $C_6H_8Br_2ClF_3$ FW 332.39 Irritant	$  \begin{array}{c}  BrCF_2CF(CH_2)_3CH_2Br \\    \\  Cl  \end{array}  $
1234	<b>Heptafluoroisopropyl trifluoromethyl ketone</b> [756-12-7] <i>bp</i> 24°C $C_5F_{10}O$ FW 266.04 Irritant	$  \begin{array}{c}  O \\     \\  CF_3-C-CF(CF_3)_2  \end{array}  $
1235	<b>3,3,3-Trifluoropropylamine hydrochloride</b> [2968-33-4] <i>mp</i> 235°C $C_3H_7ClF_3N$ FW 149.54 Irritant	$CF_3CH_2CH_2NH_2 \cdot HCl$
1236	<b>2,2-Difluoropropane-1,3-diol</b> [428-63-7] <i>mp</i> 52–54°C $C_3H_6F_2O_2$ FW 112.08	$HOCH_2CF_2CH_2OH$

**1237 4-Methoxy-2,3,5,6-tetrafluorobenzyl alcohol**

[35175-79-2]

*mp* 36-37°C *bp* 120°C/10 mm Hg

C<sub>8</sub>H<sub>6</sub>F<sub>4</sub>O<sub>2</sub>

FW 210.13

Irritant



**1238 Ethyl 4,4,4-trifluorocrotonate, 99%**

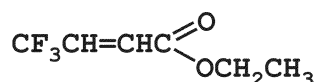
[406-10-0](E)[25597-16-4](Z)[91600-34-9]

*bp* 115-120°C *n*<sub>D</sub><sup>20</sup> 1,3597-1,3608 *d* 1,125 *fp* 25°C

C<sub>6</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub>

FW 168.12

Flammable



**1239 2-Chloro-2,2-difluoroacetophenone, 96%**

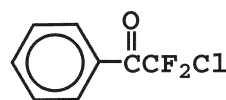
[384-67-8]

*bp* 95-97°C/37 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4954 *d* 1,293 *fp* 73°C

C<sub>8</sub>H<sub>5</sub>ClF<sub>2</sub>O

FW 190.58

Irritant

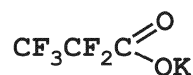


**1240 Potassium pentafluoropropionate**

[378-76-7]

C<sub>3</sub>F<sub>5</sub>KO<sub>2</sub>

FW 202.12



**1241 5-Methyl-1,1,1-trifluorohexane-2,4-dione**

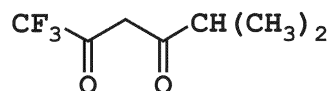
[30984-28-2]

*bp* 60-62°C/48 mm Hg *n*<sub>D</sub><sup>20</sup> 1,4005-1,4025 *fp* 33°C

C<sub>7</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>

FW 182.14

Flammable/Irritant



**1242 Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoyl) fluoride**

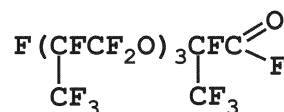
[27639-98-1]

*bp* 158-160°C *d* 1,8 *fp* 158-161°C

C<sub>12</sub>F<sub>24</sub>O<sub>4</sub>

FW 664.09

Corrosive/Moisture Sensitive



**1243 Ethyl 3,3,3-trifluoro-DL-lactate**

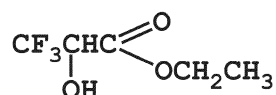
[94726-00-8]

*mp* 40-41°C *bp* 52°C/26 mm Hg

C<sub>5</sub>H<sub>7</sub>F<sub>3</sub>O<sub>3</sub>

FW 172.10

Irritant



**1244 1,1,1-Trifluorohexane-2,4-dione**

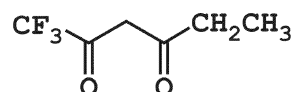
[400-54-4]

*bp* 124°C *n*<sub>D</sub><sup>20</sup> 1,3931-1,3951 *d* 1,22 *fp* 28°C

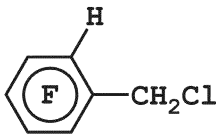
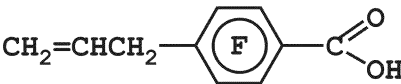
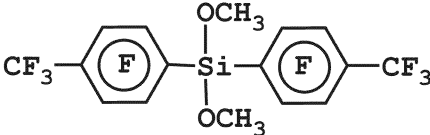

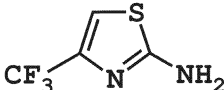
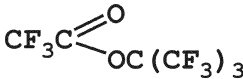
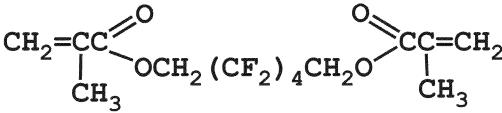
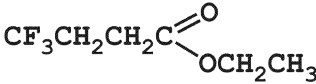
C<sub>6</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub>

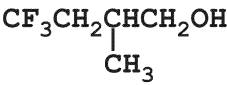
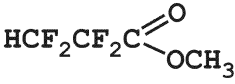
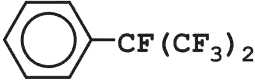
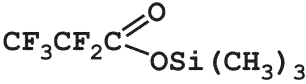
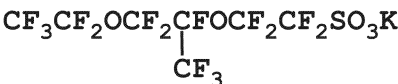
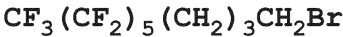
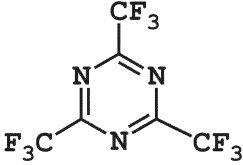
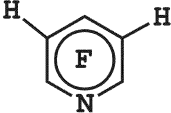
FW 168.12

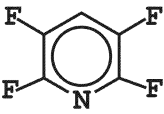
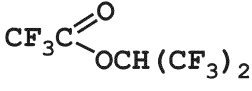
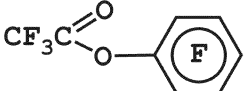
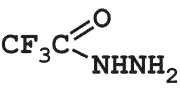
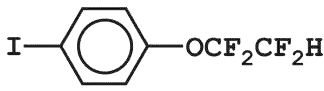
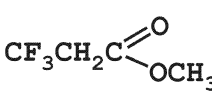
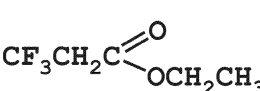
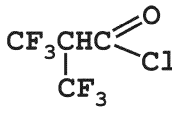
Harmful/Flammable





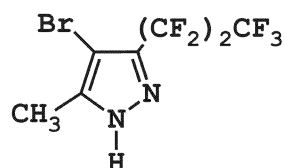
1245	<b>2,3,4,5-Tetrafluorobenzyl chloride</b> [21622-18-4] <i>bp</i> 166-169°C $C_7H_3ClF_4$ FW 198.54 Irritant	
1247	<b>4-Allyl-2,3,5,6-tetrafluorobenzoic acid</b> [79538-02-6] <i>mp</i> 88°C <i>bp</i> 130°C/2 mm Hg $C_{10}H_6F_4O_2$ FW 234.15 Irritant	
1248	<b>Dimethoxybis(4-perfluorotolylsilane, 99%)</b> [1309602-60-5] $C_{16}H_6F_{14}O_2Si$ FW 524.29 Corrosive/Irritant	
1249	<b>2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzonitrile</b> [15895-68-8] <i>mp</i> 31-32°C <i>bp</i> 81-85°C/45 mm Hg $C_8F_7N$ FW 243.08 Irritant	
1250	<b>2-Amino-4-trifluoromethyl-1,3-thiazole</b> [349-49-5] <i>mp</i> 68-69°C <i>bp</i> 125-128°C/22 mm Hg $C_4H_3F_3N_2S$ FW 168.14	
1252	<b>Nonafluoro-tert-butyl trifluoroacetate</b> [24165-10-4] <i>bp</i> 56°C $C_6F_{12}O_2$ FW 332.05 Irritant/Toxic	
1253	<b>2,2,3,3,4,4,5,5-Octafluorohexan-1,6-diyl dimethacrylate</b> [66818-54-0] <i>bp</i> 127°C/1 mm Hg $C_{14}H_{14}F_8O_4$ FW 398.25 Irritant/Keep Cold	
1254	<b>Ethyl 4,4,4-trifluorobutyrate</b> [371-26-6] <i>bp</i> 127°C $n_D^{20}$ 1.3499-1.3516 $d$ 1.16 $f_p$ 33°C $C_6H_9F_3O_2$ FW 170.13 Flammable/Irritant	

1255	<b>2-Methyl-4,4,4-trifluorobutan-1-ol</b> [107103-95-7] <i>bp</i> 132-133°C <i>d</i> 1,3 $C_5H_9F_3O_2$ FW 142.12 Flammable	
1256	<b>Methyl 2,2,3,3-tetrafluoropropionate</b> [1893-38-5] <i>bp</i> 93-94°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3195( <i>t</i> =23°C) <i>d</i> 1,382 $C_4H_4F_4O_2$ FW 160.07 Flammable/Irritant	
1257	<b>(Heptafluoroisopropyl)benzene</b> [378-34-7] <i>mp</i> -10°C <i>bp</i> 127,3-127,6°C/748 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,4112 <i>d</i> 1,4875 $C_9H_5F_7$ FW 246.12 Irritant	
1258	<b>Trimethylsilyl pentafluoropropionate</b> [24930-02-7] <i>bp</i> 97-98°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3282 $C_6H_9F_5O_2Si$ FW 236.21	
1259	<b>Potassium perfluoro(4-methyl-3,6-dioxaoctane)sulfonate (Chromoxane)</b> [70755-50-9] <i>mp</i> 250°C $C_7F_{15}KO_5S$ FW 520.21 Irritant	
1260	<b>10-Bromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorodecane</b> [181997-60-4] <i>bp</i> 60°C/4 mm Hg $C_{10}H_8BrF_{13}$ FW 455.06 Irritant	
1261	<b>Tris(trifluoromethyl)-1,3,5-triazine</b> [368-66-1] <i>bp</i> 95-98°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,321-1,323 <i>d</i> 1,59 <i>fp</i> >110°C $C_6F_9N_3$ FW 285.10 Irritant	
1262	<b>2,4,6-Trifluoropyridine</b> [3512-17-2] <i>bp</i> 102°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,412 <i>d</i> 1,499 $C_5H_2F_3N$ FW 133.07 Corrosive/Highly Flammable	

1263	<b>2,3,5,6-Tetrafluoropyridine</b> [2875-18-5] <i>bp</i> 100-102°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4046 <i>d</i> 1,52 <i>fp</i> 30,5°C C <sub>5</sub> HF <sub>4</sub> N FW 151.06 Flammable/Irritant	
1264	<b>1,1,1,3,3,3-Hexafluoroisopropyl trifluoroacetate</b> [42031-15-2] <i>bp</i> 44-45°C C <sub>5</sub> HF <sub>9</sub> O <sub>2</sub> FW 264.05 Irritant	
1265	<b>Pentafluorophenyl trifluoroacetate, 98%+</b> [14533-84-7] <i>bp</i> 122-123°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,368 <i>d</i> 1,63 <i>fp</i> 52°C C <sub>6</sub> F <sub>8</sub> O <sub>2</sub> FW 280.07 Irritant	
1266	<b>Trifluoroacetyl hydrazide</b> [1538-08-5] <i>mp</i> 111-115°C <i>bp</i> 84°C/14 mm Hg C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> N <sub>2</sub> O FW 128.05 Irritant	
1267	<b>1-Iodo-4-(1,1,2,2-tetrafluoroethoxy)benzene</b> [863323-03-9] C <sub>8</sub> H <sub>5</sub> F <sub>4</sub> IO FW 320.03 Irritant	
1268	<b>Methyl 3,3,3-trifluoropropionate</b> [18830-44-9] <i>bp</i> 95-96°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3282-1,3340 <i>d</i> 1,317 C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> FW 142.07 Flammable/Irritant	
1269	<b>Ethyl 3,3,3-trifluoropropionate</b> [352-23-8] <i>bp</i> 108-109°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3440 <i>d</i> 1,239 <i>fp</i> 8°C C <sub>5</sub> H <sub>7</sub> F <sub>3</sub> O <sub>2</sub> FW 156.11 Flammable/Irritant	
1270	<b>3,3,3-Trifluoro-2-(trifluoromethyl)propionyl chloride</b> [382-19-4] <i>bp</i> 51-55°C C <sub>4</sub> HCIF <sub>6</sub> O FW 214.49 Corrosive/Moisture Sensitive	

**1271 4-Bromo-3(5)-heptafluoropropyl-5(3)-methylpyrazole**  
[82633-48-5]

$C_7H_4BrF_7N_2$   
FW 329.02



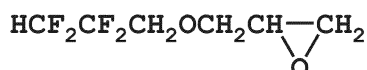
**1273 3-(2,2,3,3-Tetrafluoropropoxy)-1,2-propenoxide**  
[19932-26-4]

*bp* 175-176°C  $n_D^{20}$  1,365  $d$  1,327 *fp* 79,4°C

$C_6H_8F_4O_2$

FW 188.02

Flammable/Irritant

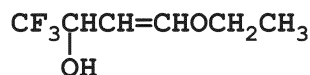


**1274 4-Ethoxy-1,1,1-trifluorobut-3-en-2-ol**  
(E) [878160-69-1]

*bp* 62-66°C/5 mm Hg

$C_6H_9F_3O_2$

FW 170.13

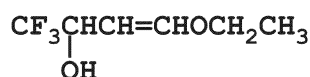


**1275 4-Ethoxy-1,1,1-trifluorobutan-2-ol**  
[219777-03-4]

*bp* 78-80°C/31 mm Hg

$C_6H_{11}F_3O_2$

FW 172.15



**1276 4-Ethoxy-1,1,1-trifluorobut-3-en-2-one**  
[17129-06-5] (E)[59938-06-6] (Z)[910136-24-2]

*bp* 51-53°C/12 mm Hg  $n_D^{20}$  1,406-1,4089  $d$  1,18( $t=25^\circ C$ ) *fp* 52°C

$C_6H_7F_3O_2$

FW 170.13

Flammable/Harmful

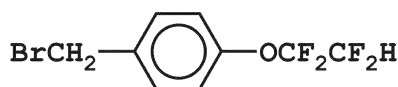


**1277 1-(Bromomethyl)-4-((1,1,2,2-tetrafluoroethoxy)benzene**  
[67033-41-4]

*bp* 93°C/1 mm Hg  $n_D$  1,4775( $t=23^\circ C$ )

$C_9H_7BrF_4O$

FW 287.05



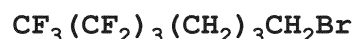
**1279 8-Bromo-1,1,1,2,2,3,3,4,4-nonafluorooctane**  
[38436-18-9]

*bp* 86°C/28 mm Hg  $n_D^{20}$  1,358

$C_8H_8BrF_9$

FW 355.04

Irritant



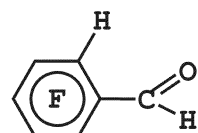
**1280 2,3,4,5-Tetrafluorobenzaldehyde**  
[16583-06-5]

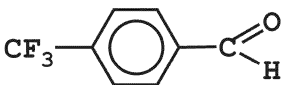
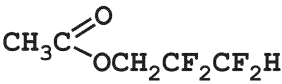
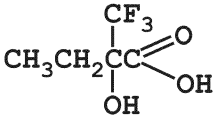
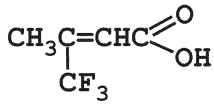
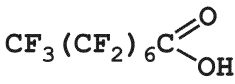
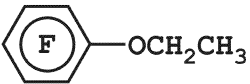
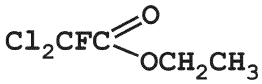

*bp* 80-82°C/62 mm Hg  $n_D^{20}$  1,459-1,461  $d$  1,51

$C_7H_2F_4O$

FW 178.09

Air Sensitive/Irritant



1281	<b>4-(Trifluoromethyl)benzaldehyde</b> [455-19-6] <i>mp</i> 1-2°C <i>bp</i> 80-81°C/25 mm Hg $n_D^{20}$ 1,4630 <i>d</i> 1,275 <i>fp</i> 65°C $C_8H_5F_3O$ FW 174.12 Irritant/Air Sensitive	
1283	<b>2,2,3,3-Tetrafluoropropyl acetate</b> [681-58-3] <i>bp</i> 122-123°C $n_D^{20}$ 1,3050-1,3150 <i>d</i> 1,3385 $C_5H_6F_4O_2$ FW 174.10	
1284	<b>2-Hydroxy-2-(trifluoromethyl)butyric acid</b> [72114-82-0] <i>mp</i> 100°C $C_5H_7F_3O_3$ FW 172.10 Corrosive	
1285	<b>3-(Trifluoromethyl)crotonic acid</b> [69056-67-3] (E)[400-28-2] (Z)[93404-33-2] <i>mp</i> 28-30°C <i>bp</i> 160-166°C $n_D^{20}$ 1,385 <i>d</i> 1,318 <i>fp</i> 79°C $C_5H_5F_3O_2$ FW 154.09 Irritant	
1286	<b>Perfluorooctanoic acid</b> [335-67-1] <i>mp</i> 37°C <i>bp</i> 189-192°C <i>d</i> 1,792 $C_8HF_{15}O_2$ FW 414.07 Corrosive/Irritant	
1287	<b>Ethoxypentafluorobenzene</b> [776-39-6] <i>bp</i> 152-153°C $n_D^{20}$ 1,4120 <i>d</i> 1,3964 $C_8H_5F_5O$ FW 212.12	
1288	<b>Ethyl dichlorofluoroacetate</b> [383-61-9] <i>bp</i> 129-131°C $n_D^{20}$ 1,404 <i>d</i> 1,321 $C_4H_5Cl_2FO_2$ FW 174.98 Flammable/Irritant	
1289	<b>Bromodifluoroacetonitrile</b> [7601-99-2] <i>bp</i> 3-5°C $C_2BrF_2N$ FW 155.93 Gas/Toxic	

**1290 Dimethyl perfluoro(2-methyl-3-oxaadipinate)**

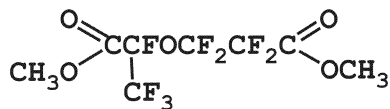
[50733-66-9]

*bp* 52°C/4mm Hg

C<sub>8</sub>H<sub>6</sub>F<sub>8</sub>O<sub>5</sub>

FW 334.12

Irritant



**1291 Ethyl 2,2-dibromo-4,4,4-trifluoroacetoacetate**

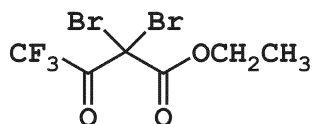
[382-40-1]

*bp* 68°C/15 mm Hg *n*<sub>D</sub><sup>20</sup> 1.442(*t*=25°C)

C<sub>6</sub>H<sub>5</sub>Br<sub>2</sub>F<sub>3</sub>O<sub>3</sub>

FW 341.91

Harmful



**1292 Chloromethyl 2,2,3,3-tetrafluoropropyl ether**

[848337-76-8]

*bp* 122°C

C<sub>4</sub>H<sub>5</sub>ClF<sub>4</sub>O

FW 180.53



**1293 Fluoromethyl 2,2,3,3-tetrafluoropropyl ether**

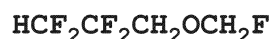
[153810-64-1]

*bp* 92-94°C *n*<sub>D</sub><sup>20</sup> 1.3050-1.3150

C<sub>4</sub>H<sub>5</sub>F<sub>5</sub>O

FW 164.08

Flammable



**1294 3-Amino-4,4,4-trifluorobutyric acid**

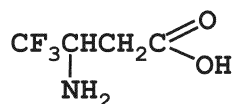
[584-20-3]

*mp* 190°C

C<sub>4</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>2</sub>

FW 157.09

Irritant



**1295 1H,1H-Perfluoroheptyl acrylate**

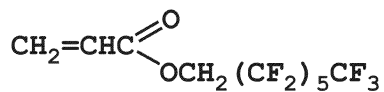
[559-11-5]

*bp* 175°C *n*<sub>D</sub><sup>20</sup> 1.327 *d* 1.574

C<sub>10</sub>H<sub>5</sub>F<sub>13</sub>O<sub>2</sub>

FW 404.13

Irritant/Keep Cold



**1296 2-(1,1,2,2-Tetrafluoroethoxy)-5-nitrotoluene**

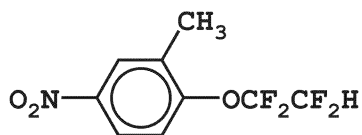
[28202-30-4]

*bp* 93°C/1 mm Hg *n*<sub>D</sub><sup>20</sup> 1.466

C<sub>9</sub>H<sub>7</sub>F<sub>4</sub>NO<sub>3</sub>

FW 253.15

Irritant



**1297 5-Bromo-1,1,1-trifluoropentane**

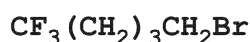
[54932-74-0]

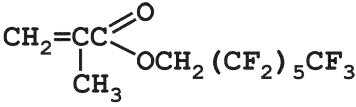
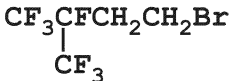
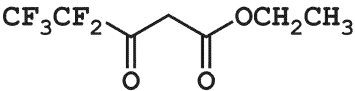
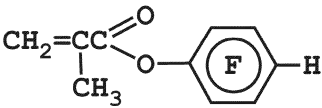
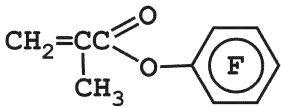
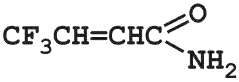
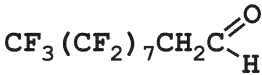
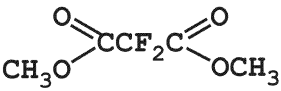
*bp* 68-79°C/66 mm Hg

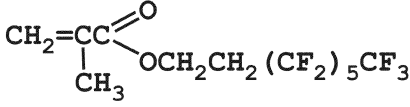
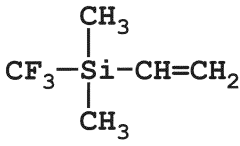
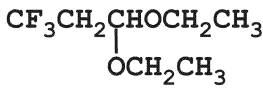
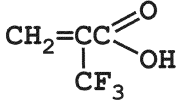

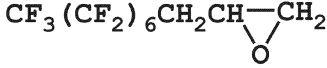
C<sub>5</sub>H<sub>8</sub>BrF<sub>3</sub>

FW 205.02

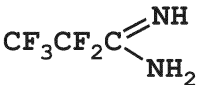
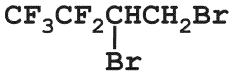
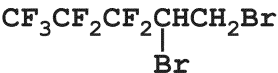
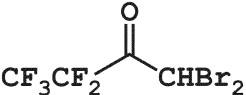
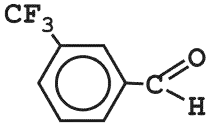
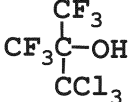
Irritant



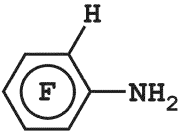
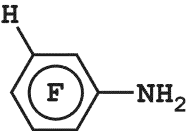
<b>1298</b>	<b>1H,1H-Perfluoroheptyl methacrylate</b> [48076-44-4] <i>bp</i> 77°C/10 mm Hg $C_{11}H_7F_{13}O_2$ FW 418.15 Irritant/Keep Cold	
<b>1299</b>	<b>1-Bromo-3,4,4-tetrafluoro-3-(trifluoromethyl)butane</b> [1274903-97-7] $C_5H_4BrF_7$ FW 276.98 Irritant	
<b>1300</b>	<b>Ethyl pentafluoropropionylacetate</b> [663-35-4] <i>bp</i> 141-142°C <i>d</i> 1,338 <i>fp</i> 47°C $C_7H_7F_5O_3$ FW 234.12	
<b>1301</b>	<b>2,3,5,6-Tetrafluorophenyl methacrylate</b> [101156-31-4] <i>bp</i> 68°C/3 mm Hg <i>d</i> 1,3 $C_{10}H_6F_4O_2$ FW 234.15 Irritant/Keep Cold	
<b>1302</b>	<b>Pentafluorophenyl methacrylate</b> [13642-97-2] <i>bp</i> 96-97°C/25mm Hg $n_D^{20}$ 1,4763 <i>d</i> 1,45 $C_{10}H_5F_5O_2$ FW 252.14 Irritant/Keep Cold	
<b>1303</b>	<b>4,4,4-Trifluorocrotonamide</b> [590-76-1] (E) [659739-19-2] (Z) [1081806-68-9] <i>mp</i> 147-150°C <i>bp</i> 247°C <i>fp</i> 103°C $C_4H_4F_3NO$ FW 139.07 Sensitive/Irritant	
<b>1304</b>	<b>2H,2H-Perfluorodecanal</b> [135984-68-8] <i>bp</i> 176°C $C_{10}H_3F_{17}O$ FW 462.11 Air Sensitive/Irritant	
<b>1305</b>	<b>Dimethyl difluoromalonate</b> [379-95-3] <i>mp</i> -35°C <i>bp</i> 169-170°C $n_D^{20}$ 1,3709-1,3725 <i>d</i> 1,31 $C_5H_6F_2O_4$ FW 168.11 Irritant	

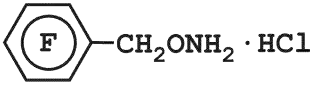


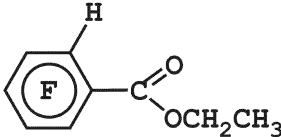
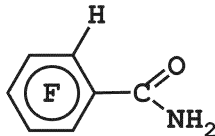
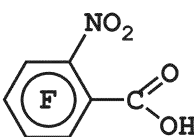
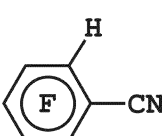
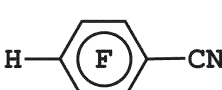
<b>1308</b>	<b>1H,1H,2H,2H-Perfluorooctyl methacrylate</b> [2144-53-8] <i>bp</i> 92°C/8mm Hg $n_D^{20}$ 1,346 $d$ 1,496 $fp$ >110°C $C_{12}H_9F_{13}O_2$ FW 432.18 Irritant/Keep Cold	
<b>1309</b>	<b>Dimethyl(trifluoromethyl)(vinyl)silane</b> [211985-86-3] <i>bp</i> 80°C $n_D^{20}$ 1,3549 $d$ 0,978 $C_5H_9F_3Si$ FW 154.21	
<b>1310</b>	<b>3,3,3-Trifluoropropanal diethylacetal</b> [688-29-9] <i>bp</i> 60-65°C/100 mm Hg $C_7H_{13}F_3O_2$ FW 186.17 Flammable	
<b>1311</b>	<b>Trimethyl(pentafluoroethyl)silane</b> [124898-13-1] <i>bp</i> 70°C $n_D^{20}$ 1,3270 $d$ 1,05 $C_5H_9F_5Si$ FW 192.20 Irritant/Moisture Sensitive	$CF_3CF_2Si(CH_3)_3$
<b>1312</b>	<b>Triethyl(trifluoromethyl)silane, 96%</b> [120120-26-5] <i>bp</i> 56-58°C/60 mm Hg $n_D^{20}$ 1,382 $d$ 0,98 $fp$ 0°C $C_7H_{15}F_3Si$ FW 184.28 Flammable/Irritant	$CF_3Si(CH_2CH_3)_3$
<b>1313</b>	<b>2-(Trifluoromethyl)acrylic acid</b> [381-98-6] <i>mp</i> 50-52°C <i>bp</i> 86°C/35 mm Hg $fp$ 81°C $C_4H_3F_3O_2$ FW 140.06 Irritant/Corrosive	
<b>1314</b>	<b>Potassium 2,3,5,6-tetrafluorophenolate</b> [42289-34-9] $C_6HF_4KO$ FW 204.16	
<b>1315</b>	<b>(1H,1H-Perfluorooctyl)oxirane, 95%</b> [20084-49-5] <i>bp</i> 75-76°C/13 mm Hg $n_D^{20}$ 1,318 $d$ 1,715 $C_{10}H_5F_{15}O$ FW 426.12 Irritant	

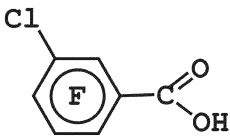
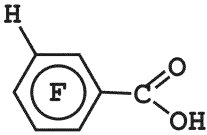
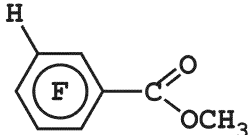
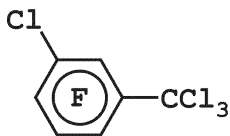
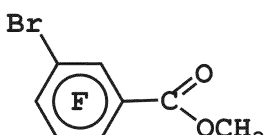
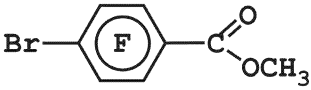
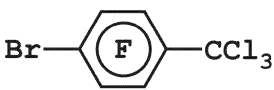
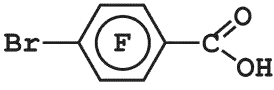


<b>1316</b>	<b>Pentafluoropropanimidine</b> [422-62-8] <i>mp</i> 49-50°C $C_3H_3F_5N_2$ FW 162.06 Irritant	
<b>1317</b>	<b>Ethyl trifluoromethanesulfonate</b> [425-75-2] <i>bp</i> 115°C $n_D^{20}$ 1,3356 $d$ 1,374 <i>fp</i> 35°C $C_3H_5F_3O_3S$ FW 178.13 Hygroscopic/Highly Toxic	$CF_3SO_2OCH_2CH_3$
<b>1318</b>	<b>3,4-Dibromo-1,1,1,2,2-pentafluorobutane</b> [378-69-8] <i>bp</i> 123-125°C $n_D^{20}$ 1,406 $d$ 1,994 $C_4H_3Br_2F_5$ FW 305.87 Irritant	
<b>1319</b>	<b>4,5-Dibromo-1,1,1,2,2,3,3-heptafluoropentane</b> [377-46-8] <i>bp</i> 140-141°C $n_D^{20}$ 1,3874 $C_5H_3Br_2F_7$ FW 355.88 Irritant	
<b>1320</b>	<b>1,1-Dibromo-3,3,4,4,4-pentafluorobutan-2-one</b> [203302-96-9] <i>bp</i> 130°C $n_D^{20}$ 1,398 $d$ 1,95 $C_4HBr_2F_5O$ FW 319.85 Irritant/Lachrymatory	
<b>1321</b>	<b>3-(Trifluoromethyl)benzaldehyde</b> [454-89-7] <i>bp</i> 83-86°C/30 mm Hg $n_D^{20}$ 1,466 $d$ 1,3 $C_8H_5F_3O$ FW 174.12 Air Sensitive/Irritant	
<b>1322</b>	<b>Difluoromethyldimethylamine</b> [683-81-8] <i>bp</i> 49-51°C $n_D^{20}$ 1,3315 $C_3H_7F_2N$ FW 95.09	$(CH_3)_2NCHF_2$
<b>1324</b>	<b>1,1-Bis(trifluoromethyl)-2,2,2-trichloroethanol</b> [7594-49-2] <i>mp</i> -2°C <i>bp</i> 138-139°C $n_D^{20}$ 1,3839 $d$ 1,666 $C_4HCl_3F_6O$ FW 285.40 Harmful/Irritant/Keep Cold/Hygroscopic	

<b>1325</b>	<b>1,2-Dibromo-1H,1H,2H-perfluorooctane</b> [51249-62-8] <i>bp</i> 75°C/12 mm Hg $C_8H_3Br_2F_{13}$ 505.90 Irritant	$CF_3(CF_2)_5\underset{\text{Br}}{\underset{ }{CH}}CH_2Br$
<b>1326</b>	<b>1,2-Dibromo-1H,1H,2H-perfluorodecane</b> [51249-63-9] <i>bp</i> 108°C/17 mm Hg $C_{10}H_3Br_2F_{17}$ FW 605.91 Irritant	$CF_3(CF_2)_7\underset{\text{Br}}{\underset{ }{CH}}CH_2Br$
<b>1327</b>	<b>3,3,4-Tribromo-1,1,1,2,2-pentafluorobutane</b> [1379361-16-6] <i>bp</i> 152°C $C_4H_2Br_3F_5$ FW 384.76 Irritant	$CF_3CF_2\underset{\text{Br}}{\underset{ }{\underset{\text{Br}}{ }{C}}}CH_2Br$
<b>1328</b>	<b>2-Bromo-3,3,4,4,4-pentafluorobut-1-ene</b> [68318-95-6] <i>bp</i> 56-58°C $C_4H_2BrF_5$ FW 224.96 Irritant	$CF_3CF_2CBr=CH_2$
<b>1329</b>	<b>2-Bromo-3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene</b> [59665-23-5] $C_6H_2BrF_9$ FW 324.97 Irritant	$CF_3(CF_2)_3CBr=CH_2$
<b>1330</b>	<b>4,4,5-Tribromo-1,1,1,2,2,3,3-heptafluoropentane</b> [1426252-03-0] $C_5H_2Br_3F_7$ FW 437.77 Irritant	$CF_3CF_2CF_2\underset{\text{Br}}{\underset{ }{\underset{\text{Br}}{ }{C}}}CH_2Br$
<b>1331</b>	<b>1,2,2-Tribromo-1H,1H-perfluorooctane</b> [59665-25-7] <i>mp</i> 28-29°C $C_8H_2Br_3F_{13}$ FW 584.79 Irritant	$CF_3(CF_2)_5\underset{\text{Br}}{\underset{ }{\underset{\text{Br}}{ }{C}}}CH_2Br$
<b>1332</b>	<b>1,2,2-Tribromo-1H,1H-perfluorodecane</b> [59665-26-8] <i>mp</i> 62°C $C_{10}H_2Br_3F_{17}$ FW 684.81 Irritant	$CF_3(CF_2)_7\underset{\text{Br}}{\underset{ }{\underset{\text{Br}}{ }{C}}}CH_2Br$

<b>1333</b>	<b>1-Iodo-4-(perfluorohexyl)butane</b> [38565-61-6]	$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_3\text{CH}_2\text{I}$
	$\text{C}_{10}\text{H}_8\text{F}_{13}\text{I}$ FW 502.06 Irritant	
<b>1334</b>	<b>1-Iodo-4-(perfluorooctyl)butane</b> [38565-62-7] <i>mp</i> 50-51°C	$\text{CF}_3(\text{CF}_2)_7(\text{CH}_2)_3\text{CH}_2\text{I}$
	$\text{C}_{12}\text{H}_8\text{F}_{17}\text{I}$ FW 602.07 Irritant	
<b>1335</b>	<b>4-Bromo-1,1,1,2,2-pentafluorobutane</b> [52671-70-2] <i>bp</i> 76°C	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{Br}$
	$\text{C}_4\text{H}_4\text{BrF}_5$ FW 226.97	
<b>1336</b>	<b>5-Bromo-1,1,1,2,2,3,3-heptafluoropentane</b> [355-94-2] <i>bp</i> 98-99°C $n_D^{20}$ 1,3378	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{Br}$
	$\text{C}_5\text{H}_4\text{BrF}_7$ FW 276.98 Irritant	
<b>1337</b>	<b>6-Bromo-1,1,1,2,2-pentafluorohexane</b> [1379347-61-1]	$\text{CF}_3\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{Br}$
	$\text{C}_6\text{H}_8\text{BrF}_5$ FW 255.03 Irritant	
<b>1338</b>	<b>7-Bromo-1,1,1,2,2,3,3-heptafluoroheptane</b> [1391033-22-9]	$\text{CF}_3\text{CF}_2\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{Br}$
	$\text{C}_7\text{H}_8\text{BrF}_7$ FW 305.03 Irritant	
<b>1339</b>	<b>2,3,4,5-Tetrafluoroaniline</b> [5580-80-3] <i>mp</i> 27-29°C <i>bp</i> 78°C/13 mm Hg $n_D^{20}$ 1,4630 <i>fp</i> 79°C	
	$\text{C}_6\text{H}_3\text{F}_4\text{N}$ FW 165.09 Harmful/Irritant	
<b>1340</b>	<b>2,3,4,6-Tetrafluoroaniline</b> [363-73-5] <i>bp</i> 65°C/20 mm Hg $n_D$ 1,4602 ( <i>t</i> =24°C) <i>d</i> 1,50 <i>fp</i> 57°C	
	$\text{C}_6\text{H}_3\text{F}_4\text{N}$ FW 165.09 Harmful/Irritant	

1341	<b>O-(2,3,4,5,6-Pentafluorobenzyl)hydroxylamine hydrochloride</b> [57981-02-9] <i>mp</i> 214°C ( <i>subl.</i> ) $C_7H_5ClF_5NO$ FW 249.57 Irritant	
1342	<b>1,4-Bis(bromomethyl)tetrafluorobenzene</b> [776-40-9] <i>mp</i> 88-90°C $C_8H_4Br_2F_4$ FW 335.93 Irritant	
1344	<b>4-Methoxy-2,3,5,6-tetrafluorobenzotrichloride</b> [1391033-24-1] <i>bp</i> 150°C/20 mm Hg $C_8H_3Cl_3F_4O$ FW 297.46	
1345	<b>Ethyl 2,3,4,5-tetrafluorobenzoate</b> [122894-73-9] <i>bp</i> 238-239°C $n_D^{20}$ 1.444 $d$ 1.382 <i>fp</i> 35°C $C_9H_6F_4O_2$ FW 222.14 Irritant	
1346	<b>2,3,4,5-Tetrafluorobenzamide</b> [16582-94-8] <i>mp</i> 132-134°C $C_7H_3F_4NO$ FW 193.11 Irritant	
1347	<b>2,3,4,5-Tetrafluoro-6-nitrobenzoic acid</b> [16583-08-7] <i>mp</i> 134-139°C $C_7HF_4NO_4$ FW 239.10 Corrosive/Irritant	
1348	<b>2,3,4,5-Tetrafluorobenzonitrile</b> [16582-93-7] <i>bp</i> 164-165°C $n_D^{20}$ 1.4545-1.4565 $d$ 1.463 <i>fp</i> 70°C $C_7HF_4N$ FW 175.10 Irritant	
1349	<b>2,3,5,6-Tetrafluorobenzonitrile</b> [5216-17-1] <i>mp</i> 38-40°C <i>bp</i> 88-90°C/45 mm Hg $C_7HF_4N$ FW 175.10 Irritant	

1350	<b>3-Chloro-2,4,5,6-tetrafluorobenzoic acid</b> [5360-81-6] <i>mp</i> 92-94°C $C_7HClF_4O_2$ FW 228.53 Irritant	
1351	<b>2,3,4,6-Tetrafluorobenzoic acid</b> [32890-92-9] <i>mp</i> 98-101°C $C_7H_2F_4O_2$ FW 194.09 Corrosive/Irritant	
1352	<b>Methyl 2,3,4,6-tetrafluorobenzoate</b> [53001-68-6] <i>bp</i> 95,5-98°C/25 mm Hg $C_8H_4F_4O_2$ FW 208.11 Irritant	
1353	<b>3-Chloro-2,4,5,6-tetrafluorobenzotrichloride</b> [1350637-05-6] $C_7Cl_4F_4$ FW 301.88 Irritant	
1354	<b>Methyl 3-bromo-2,4,5,6-tetrafluorobenzoate</b> [53001-69-7] <i>bp</i> 104,5-105°C/12 mm Hg $C_8H_3BrF_4O_2$ FW 287.01	
1355	<b>Methyl 4-bromo-2,3,5,6-tetrafluorobenzoate</b> [4707-23-7] <i>mp</i> 56,5-57,5°C <i>bp</i> 104,5-105°C/12 mm Hg $C_8H_3BrF_4O_2$ FW 287.01	
1356	<b>4-Bromo-2,3,5,6-tetrafluorobenzotrichloride</b> [1391033-28-5] <i>mp</i> 20°C <i>bp</i> 115-117°C/5 mm Hg $C_7BrCl_3F_4$ FW 346.33 Irritant	
1357	<b>4-Bromo-2,3,5,6-tetrafluorobenzoic acid</b> [4707-24-8] <i>mp</i> 142-145°C $C_7HBrF_4O_2$ FW 272.98 Irritant	

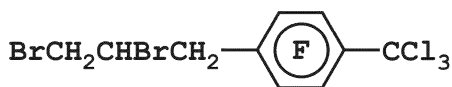
**1358 4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrichloride**

[1244856-09-4]

*bp* 160°C/0,5 mm Hg

$C_{10}H_5Br_2Cl_3F_4$

FW 467.31



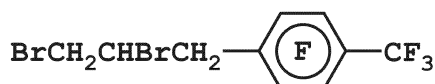
**1359 4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzotrifluoride**

[1244856-10-7]

*bp* 125-130°C/5 mm Hg

$C_{10}H_5Br_2F_7$

FW 417.94

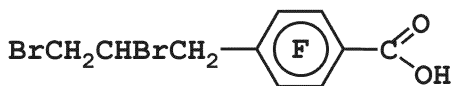


**1360 4-(2,3-Dibromopropyl)-2,3,5,6-tetrafluorobenzoic acid**

[1244856-03-8]

$C_{10}H_5Br_2F_4O_2$

FW 393.96



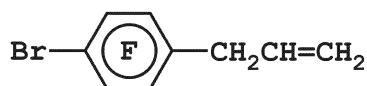
**1361 1-Allyl-4-bromo-2,3,5,6-tetrafluorobenzene**

[1350637-17-0]

*bp* 72-74°C/5 mm Hg

$C_9H_5BrF_4$

FW 269.03



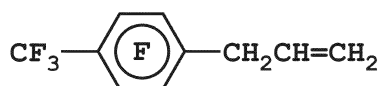
**1362 4-Allylheptafluorotoluene**

[253882-74-5]

*bp* 47-48°C/5 mm Hg

$C_{10}H_5F_7$

FW 258.14



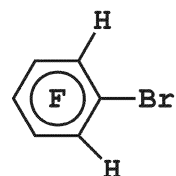
**1363 1-Bromo-3,4,5-trifluorobenzene**

[138526-69-9]

*bp* 47-49°C/60 mm Hg  $n_D^{20}$  1,482  $d$  1,77 *fp* 45°C

$C_6H_2BrF_3$

FW 210.99



**1364 (1,1,2,2-Tetrafluoroethoxy)benzene**

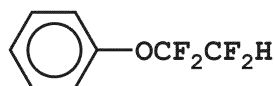
[350-57-2]

*bp* 145-147°C  $n_D^{20}$  1,42  $d$  1,30 *fp* 46°C

$C_8H_6F_4O$

FW 194.13

Toxic



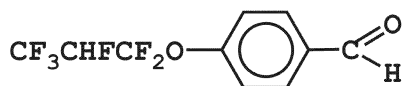
**1365 4-(1,1,2,3,3,3-Hexafluoropropoxy)benzaldehyde**

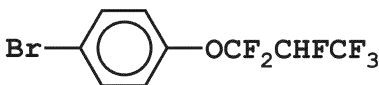
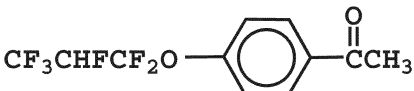
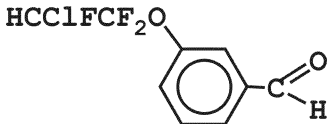
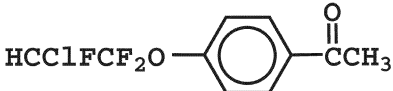
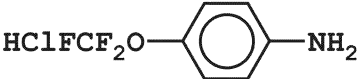
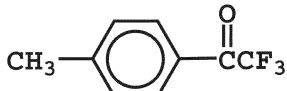
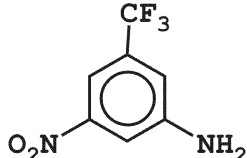
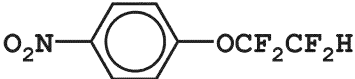
[55321-69-2]

$C_{10}H_6F_6O_2$

FW 272.16

Air Sensitive/Irritant



<b>1366</b>	<b>1-Bromo-4-(1,1,2,3,3,3-hexafluoropropoxy)benzene</b> [52328-78-6] <i>bp</i> 85°C/15 mm Hg $C_9H_5BrF_6O$ FW 323.00 Irritant	
<b>1367</b>	<b>4-(1,1,2,3,3,3-Hexafluoropropoxy)acetophenone</b> [933673-41-7] $C_{11}H_8F_6O_2$ FW 286.17 Irritant	
<b>1369</b>	<b>3-(2-Chloro-1,1,2-trifluoroethoxy)benzaldehyde</b> [2003-15-8] <i>bp</i> 132°C/15 mm Hg $n_D^{20}$ 1,4836( <i>t</i> =22°C) <i>d</i> 1,4232 $C_9H_6ClF_3O_2$ FW 238.59	
<b>1370</b>	<b>4-(2-Chloro-1,1,2-trifluoroethoxy)acetophenone</b> [1536-63-6] <i>bp</i> 144-145°C/15 mm Hg $n_D^{20}$ 1,484 <i>d</i> 1,3713 $C_{10}H_8ClF_3O_2$ FW 252.62	
<b>1371</b>	<b>4-(2-Chloro-1,1,2-trifluoroethoxy)aniline</b> [403-61-2] <i>bp</i> 125-127°C/15 mm Hg $n_D^{20}$ 1,4899 <i>d</i> 1,404 $C_8H_7ClF_3NO$ FW 225.61 Keep Cold	
<b>1372</b>	<b>4-(Trifluoroacetyl)toluene</b> [394-59-2] <i>mp</i> 3-5°C <i>bp</i> 179-180°C $n_D^{20}$ 1,4691-1,4716 <i>d</i> 1,240( <i>t</i> =25°C) $C_9H_7F_3O$ FW 188.15 Irritant	
<b>1373</b>	<b>3-Amino-5-nitrobenzotrifluoride</b> [401-94-5] <i>mp</i> 79-81°C $C_7H_5F_3N_2O_2$ FW 206.12 Irritant	
<b>1374</b>	<b>4-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene</b> [28202-32-6] <i>mp</i> 43-45°C $C_8H_5F_4NO_3$ FW 239.13 Toxic	

**1375 3-(1,1,2,2-Tetrafluoroethoxy)nitrobenzene**

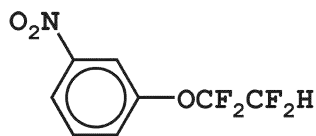
[1644-21-9]

*bp* 72-74°C/0,1 mm Hg *d* 1,46 *fp* >110°C

$C_8H_5F_4NO_3$

FW 239.13

Toxic



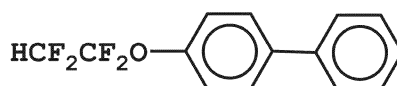
**1376 4-(1,1,2,2-Tetrafluoroethoxy)biphenyl**

[175838-97-8]

$C_{14}H_{10}F_4O$

FW 270.22

Toxic



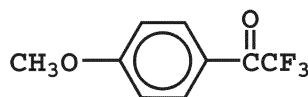
**1379 4'-Methoxy-2,2,2-trifluoroacetophenone**

[711-38-6]

*bp* 96°C/12 mm Hg *n*<sub>D</sub><sup>20</sup> 1,5005-1,5020 *d* 1,359

$C_9H_7F_3O_2$

FW 204.15



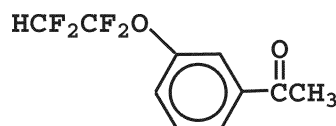
**1381 3'-(1,1,2,2-Tetrafluoroethoxy)acetophenone**

[101975-16-0]

$C_{10}H_8F_4O_2$

FW 236.16

Irritant



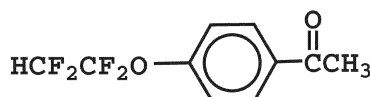
**1382 4'-(1,1,2,2-Tetrafluoroethoxy)acetophenone**

[101975-15-9]

$C_{10}H_8F_4O_2$

FW 236.16

Irritant



**1383 2,2,3,4,4,4-Hexafluorobutyric acid**

[379-90-8]

*bp* 140-144°C *n*<sub>D</sub><sup>20</sup> 1,31(*t*=25°C)

$C_4H_2F_6O_2$

FW 196.05

Corrosive



**1384 Methyl 2,2,3,4,4,4-hexafluorobutyrate**

[106538-78-7]

*bp* 116°C

$C_5H_4F_6O_2$

FW 210.07

Irritant



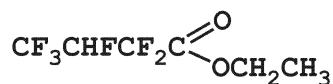
**1385 Ethyl 2,2,3,4,4,4-hexafluorobutyrate**

[5200-38-4]


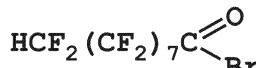
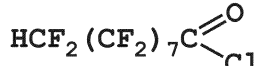
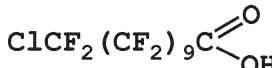
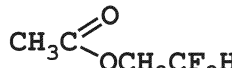

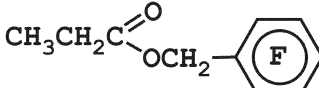
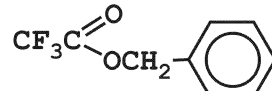
*bp* 118-119°C *n*<sub>D</sub><sup>20</sup> 1,3209 *d* 1,378

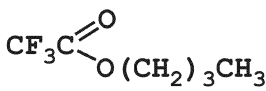
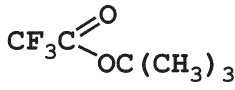
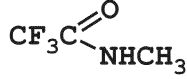
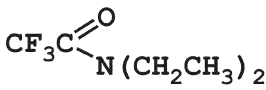
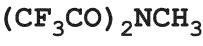
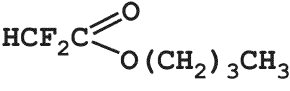
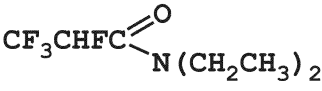
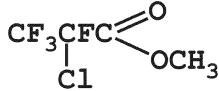
$C_6H_6F_6O_2$

FW 224.10





1386	<b>Sodium 2,2,3,4,4,4-hexafluorobutyrate</b> [1379358-31-2]  $\text{C}_4\text{HF}_6\text{NaO}_2$ FW 218.03	
1387	<b>9H-Perfluorononanoyl bromide</b> [1404194-04-2]  $\text{C}_9\text{HBrF}_{16}\text{O}$ FW 508.98 Corrosive/Moisture Sensitive	
1388	<b>9H-Perfluorononanoyl chloride</b> [423-95-0] <i>bp</i> 166-170°C <i>d</i> 1,80 $\text{C}_9\text{HClF}_{16}\text{O}$ FW 464.53 Corrosive/Moisture Sensitive	
1389	<b>11-Chloroperfluoroundecanoic acid, 94%</b> [2823-49-6] <i>mp</i> 111-112°C $\text{C}_{11}\text{HClF}_{20}\text{O}_2$ FW 580.55	
1390	<b>2,2-Difluoroethyl acetate</b> [1550-44-3] <i>bp</i> 105-106°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3542 <i>d</i> 1,203 <i>fp</i> 22°C $\text{C}_4\text{H}_6\text{F}_2\text{O}_2$ FW 124.08 Flammable	
1391	<b>3-Chloro-2,2,3,3-tetrafluoropropan-1-ol</b> [20411-83-0] <i>bp</i> 107-108°C $\text{C}_3\text{H}_3\text{ClF}_4\text{O}$ FW 166.50	
1392	<b>2,3,4,5,6-Pentafluorobenzyl propionate</b> [21634-97-9]  $\text{C}_{10}\text{H}_7\text{F}_5\text{O}_2$ FW 254.16 Flammable	
1393	<b>Benzyl trifluoroacetate</b> [351-70-2] <i>bp</i> 174-178°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,438 <i>d</i> 1,2419 $\text{C}_9\text{H}_7\text{F}_3\text{O}_2$ FW 204.15	

<b>1394</b>	<b>n-Butyl trifluoroacetate</b> [367-64-6] <i>bp</i> 102-103°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3391 <i>d</i> 1,016 <i>fp</i> 15°C C <sub>6</sub> H <sub>9</sub> F <sub>3</sub> O <sub>2</sub> 170.13 Flammable	
<b>1395</b>	<b>tert-Butyl trifluoroacetate</b> [400-52-2] <i>bp</i> 83°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,332 <i>d</i> 1,089 C <sub>6</sub> H <sub>9</sub> F <sub>3</sub> O <sub>2</sub> FW 170.13 Flammable	
<b>1396</b>	<b>N-Methyltrifluoroacetamide</b> [815-06-5] <i>mp</i> 48-52°C <i>bp</i> 156-157°C <i>fp</i> 74°C C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> NO FW 127.07 Hygroscopic/Irritant	
<b>1397</b>	<b>N,N-Diethyltrifluoroacetamide</b> [360-92-9] <i>bp</i> 65-67°C/24mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,38 <i>d</i> 1,142 <i>fp</i> 43°C C <sub>6</sub> H <sub>10</sub> F <sub>3</sub> NO FW 169.15 Irritant	
<b>1398</b>	<b>N-Methyl-bis(trifluoroacetamide)</b> [685-27-8] <i>bp</i> 120-122°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,345-1,347 <i>d</i> 1,547 <i>fp</i> 42°C C <sub>5</sub> H <sub>3</sub> F <sub>6</sub> NO <sub>2</sub> FW 223.07 Corrosive/Moisture Sensitive	
<b>1399</b>	<b>n-Butyl difluoroacetate</b> [368-35-4] <i>bp</i> 136,5-137°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,372 C <sub>6</sub> H <sub>10</sub> F <sub>2</sub> O <sub>2</sub> FW 152.14 Irritant	
<b>1400</b>	<b>N,N-Diethyl-2,3,3,3-tetrafluoropropionamide</b> [392-63-2] <i>bp</i> 89-90°C/22mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3910 <i>d</i> 1,228 C <sub>7</sub> H <sub>11</sub> F <sub>4</sub> NO FW 201.16 Irritant	
<b>1402</b>	<b>Methyl 2-chlorotetrafluoropropionate</b> [28509-44-6] <i>bp</i> 92-94°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3326 <i>d</i> 1,454 C <sub>4</sub> H <sub>3</sub> ClF <sub>4</sub> O <sub>2</sub> FW 194.51 Irritant	

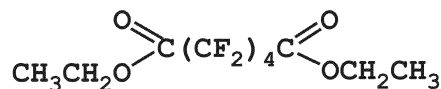
<b>1403</b>	<b>n-Butyl pentafluoropropionate</b> [680-28-4] <i>bp</i> 116-117°C $C_7H_9F_5O_2$ FW 220.14 Irritant	$CF_3CF_2C(=O)O(CH_2)_3CH_3$
<b>1404</b>	<b>tert-Butyl pentafluoropropionate</b> [55258-28-1] <i>bp</i> 45°C/100 mm Hg $C_7H_9F_5O_2$ FW 220.14 Irritant	$CF_3CF_2C(=O)OC(CH_3)_3$
<b>1405</b>	<b>4,4,4-Trifluoro-3-(trifluoromethyl)butyric acid</b> [17327-33-2] <i>bp</i> 94-95°C/48 mm Hg $n_D^{20}$ 1,3251 ( $t=25^\circ C$ ) $C_5H_4F_6O_2$ FW 210.07 Corrosive/Stench/Irritant	$CF_3CH(CH_2CF_3)C(=O)OH$
<b>1406</b>	<b>Methyl perfluorooctanoate, 92%</b> [376-27-2] <i>bp</i> 158-159°C $n_D^{20}$ 1,303-1,307 $d$ 1,684 $f_p$ 65°C $C_9H_3F_{15}O_2$ FW 428.09 Flammable	$CF_3(CF_2)_6C(=O)OCH_3$
<b>1407</b>	<b>Ethyl perfluorooctanoate, 92%</b> [3108-24-5] <i>bp</i> 167-168°C $n_D^{20}$ 1,3119 $d$ 1,623 $C_{10}H_5F_{15}O_2$ FW 442.12 Flammable	$CF_3(CF_2)_6C(=O)OCH_2CH_3$
<b>1408</b>	<b>n-Butyl perfluorooctanoate, 92%</b> [307-96-0] <i>bp</i> 96°C/20 mm Hg $n_D^{20}$ 1,3246 $d$ 1,5328 $C_{12}H_9F_{15}O_2$ FW 470.18 Irritant	$CF_3(CF_2)_6C(=O)O(CH_2)_3CH_3$
<b>1409</b>	<b>Ethyl 7H-perfluoroheptanoate</b> [42287-85-4] $n_D^{20}$ 1,321 $d$ 1,582 $C_9H_6F_{12}O_2$ FW 374.12 Flammable	$HCF_2(CF_2)_5C(=O)OCH_2CH_3$
<b>1410</b>	<b>5,5,6,6,6-Pentafluorohexanoic acid</b> [148043-70-3] <i>mp</i> 26°C $C_6H_7F_5O_2$ FW 206.11 Corrosive	$CF_3CF_2(CH_2)_3C(=O)OH$

1411	<b>Methyl 2H,2H,3H,3H-perfluorononanoate</b> [110260-75-8] <i>bp</i> 65–67°C/3 mm Hg $C_{10}H_7F_{13}O_2$ FW 405.15 Flammable/Irritant	$CF_3(CF_2)_5CH_2CH_2C(=O)OCH_3$
1412	<b>5-Chloro-1H,1H-octafluoropentan-1-ol</b> [76711-87-0] $C_5H_3ClF_8O$ FW 266.52	$ClCF_2(CF_2)_3CH_2OH$
1413	<b>Methyl chlorodifluoroacetate</b> [1514-87-0] <i>bp</i> 79–81°C $n_D^{20}$ 1,348–1,350 $d$ 1,37 <i>fp</i> 19°C $C_3H_3ClF_2O_2$ FW 144.50 Highly Flammable/Moisture Sensitive	$ClCF_2C(=O)OCH_3$
1414	<b>Chlorodifluoroacetic anhydride, 98%</b> [2834-23-3] <i>bp</i> 93–96°C $n_D^{20}$ 1,347 $d$ 1,395 <i>fp</i> none $C_4Cl_2F_4O_3$ FW 242.94 Corrosive/Lachrimatory	$(ClCF_2CO)_2O$
1415	<b>Sodium bromodifluoroacetate</b> [84349-27-9] $C_2BrF_2NaO_2$ FW 196.91 Hygroscopic/Irritant	$BrCF_2C(=O)ONa$
1416	<b>Bromodifluoroacetamide</b> [2169-67-7] <i>mp</i> 85–87°C <i>bp</i> 110–111°C $C_2H_2BrF_2NO$ FW 173.95 Irritant	$BrCF_2C(=O)NH_2$
1417	<b>Nonafluoropentanamide</b> [13485-61-5] <i>mp</i> 107–108°C <i>bp</i> 180–182°C $C_5H_2F_9NO$ FW 263.06 Irritant	$CF_3(CF_2)_3C(=O)NH_2$
1420	<b>Octafluoroadipoyl dichloride</b> [336-06-1] <i>bp</i> 130–132°C $n_D^{20}$ 1,3484 $C_6Cl_2F_8O_2$ FW 326.96 Corrosive/Moisture Sensitive	$Cl-C(=O)-(CF_2)_4-C(=O)-Cl$

**1421 Diethyl octafluoroadipate****[376-50-1]***bp* 215-219°C *n*<sub>D</sub><sup>20</sup> 1,3541 *d* 1,426C<sub>10</sub>H<sub>10</sub>F<sub>8</sub>O<sub>4</sub>

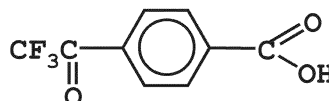
FW 346.17

Irritant

**1422 4-(Trifluoroacetyl)benzoic acid****[58808-59-6]***mp* 174-176°CC<sub>9</sub>H<sub>5</sub>F<sub>3</sub>O<sub>3</sub>

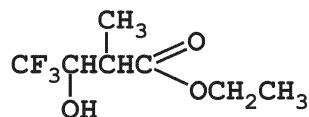
FW 218.13

Irritant

**1423 Ethyl 3-hydroxy-2-methyl-4,4,4-trifluorobutyrate****[91600-33-8]***bp* 180-184°CC<sub>7</sub>H<sub>11</sub>F<sub>3</sub>O<sub>3</sub>

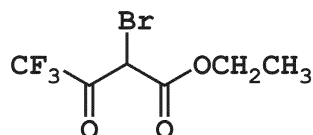
FW 200.16

Irritant

**1424 Ethyl 2-bromo-4,4,4-trifluoroacetoacetate****[4544-43-8]***bp* 62-66°C/14 mm Hg *d* 1,663 *fp* 23°CC<sub>6</sub>H<sub>6</sub>BrF<sub>3</sub>O<sub>3</sub>

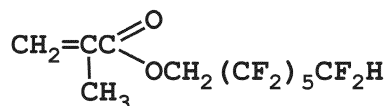
FW 263.01

Flammable/Harmful

**1426 1H,1H,7H-Perfluoroheptyl methacrylate****[2261-99-6]***bp* 112°C/40mm Hg *n*<sub>D</sub><sup>20</sup> 1,3506 *d* 1,54C<sub>11</sub>H<sub>8</sub>F<sub>12</sub>O<sub>2</sub>

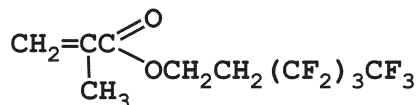
FW 400.17

Irritant/Keep Cold

**1427 1H,1H,2H,2H-Nonafluorohexyl methacrylate****[1799-84-4]***bp* 60-62°C/5mm Hg *n*<sub>D</sub><sup>20</sup> 1,353 *d* 1,402 *fp* 79°CC<sub>10</sub>H<sub>9</sub>F<sub>9</sub>O<sub>2</sub>

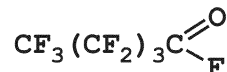
FW 332.17

Irritant/Keep Cold

**1428 Nonafluoropentanoyl fluoride****[375-62-2]***bp* 33-35°C *d* 1,61C<sub>5</sub>F<sub>10</sub>O

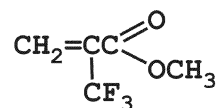
FW 266.04

Corrosive/Moisture Sensitive

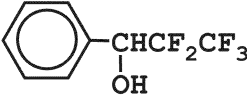
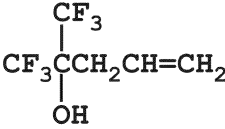
**1429 Methyl 2-(trifluoromethyl)acrylate****[382-90-1]***bp* 103-105°C *n*<sub>D</sub><sup>20</sup> 1,3528 *d* 1,34C<sub>5</sub>H<sub>5</sub>F<sub>3</sub>O<sub>2</sub>

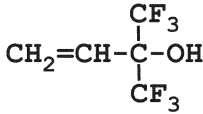
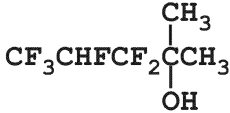
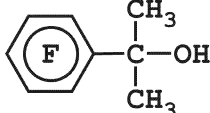
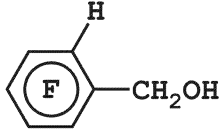
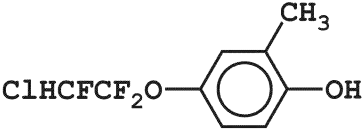
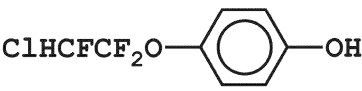
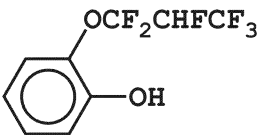
FW 154.09

Flammable/Keep Cold



<b>1430</b>	<b>tert-Butyl 2-(trifluoromethyl)acrylate</b> [105935-24-8] <i>bp</i> 174°C <i>d</i> 1,118 <i>fp</i> 37°C $C_8H_{11}F_3O_2$ FW 196.17 Irritant	
<b>1431</b>	<b>4,4,4-Trifluorocrotonoyl chloride</b> [406-92-8] (E)[115630-80-3] <i>bp</i> 77-78°C $n_D^{20}$ 1,3703 <i>d</i> 1,362 $C_4H_2ClF_3O$ FW 158.51 Corrosive/Moisture Sensitive	
<b>1433</b>	<b>7,7,8,8,8-Pentafluorooctan-1-ol</b> [161981-34-6] <i>bp</i> 85°C/10 mm Hg $n_D^{20}$ 1,371 <i>d</i> 1,208 $C_8H_{13}F_5O$ FW 220.18 Flammable	$CF_3CF_2(CH_2)_5CH_2OH$
<b>1434</b>	<b>5-Bromo-2-iodo-4,4,5,5-tetrafluoropentan-1-ol</b> [139903-87-0] <i>bp</i> 123°C/18 mm Hg $C_5H_6BrF_4IO$ FW 364.90	
<b>1435</b>	<b>3-Iodo-5,5,5-trifluoropentan-1-ol</b> [1379365-21-5] <i>bp</i> 100°C/10 mm Hg $C_5H_8F_3IO$ FW 268.02 Irritant	
<b>1436</b>	<b>3-Iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol</b> [89621-93-2] <i>bp</i> 105-110°C/20 mm Hg $C_7H_8F_7IO$ FW 368.03 Irritant	
<b>1437</b>	<b>3-Iodo-5,5,6,6,7,7,8,8,8-nonafluorooctan-1-ol</b> [109574-81-4] <i>bp</i> 105-110°C/7 mm Hg $C_8H_8F_9IO$ FW 418.04 Irritant	
<b>1438</b>	<b>1H,1H-Perfluorooctan-1-ol, 96%</b> [307-30-2] <i>mp</i> 44-46°C <i>bp</i> 160-165°C <i>d</i> 1,34 <i>fp</i> >110°C $C_8H_3F_{15}O$ FW 400.09 Irritant	$CF_3(CF_2)_6CH_2OH$

1439	<b>1H,1H,2H,2H,3H,3H-Perfluoroundecan-1-ol</b> [1651-41-8] <i>mp</i> 45°C <i>bp</i> 106-108°C/10 mm Hg $n_D^{20}$ 1,3312( $t=24^\circ\text{C}$ ) $d$ 1,35 $\text{C}_{11}\text{H}_7\text{F}_{17}\text{O}$ FW 478.14 Irritant	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$
1440	<b>1H,1H,2H,3H-Perfluoroundec-2-en-1-ol</b> [2340-84-3] <i>bp</i> 82-85°C/8 mm Hg $n_D^{20}$ 1,33 $d$ 1,718 $\text{C}_{11}\text{H}_5\text{F}_{17}\text{O}$ FW 476.13 Irritant	$\text{CF}_3(\text{CF}_2)_7\text{CH}=\text{CHCH}_2\text{OH}$
1441	<b>2-Heptafluoropropoxy-2,3,3,3-tetrafluoropropan-1-ol</b> [26537-88-2] <i>bp</i> 119-120°C $n_D^{20}$ 1,3007 $d$ 1,55 $\text{C}_6\text{H}_3\text{F}_{11}\text{O}_2$ FW 316.07 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCF}(\text{CF}_3)\text{CH}_2\text{OH}$
1442	<b>Perfluorohexanamidine</b> [464-21-1] <i>mp</i> 66°C $\text{C}_6\text{H}_3\text{F}_{11}\text{N}_2$ FW 312.09 Irritant	$\text{CF}_3(\text{CF}_2)_4\text{C}(\text{NH}_2)=\text{NH}$
1443	<b>2-(2,2,3,4,4,4-Hexafluorobutoxy)ethanol</b> [63693-10-7] $\text{C}_6\text{H}_8\text{F}_6\text{O}_2$ FW 226.12 Flammable/Irritant	$\text{CF}_3\text{CHF}(\text{CF}_2)\text{CH}_2\text{OCH}_2\text{CH}_2\text{OH}$
1444	<b>2-(1,1,1,3,3,3-Hexafluoroisopropoxy)ethanol</b> [63693-13-0] $\text{C}_5\text{H}_6\text{F}_6\text{O}_2$ FW 212.10 Irritant	$\text{CF}_3\text{CHOCH}(\text{CF}_3)\text{CH}_2\text{OH}$
1445	<b>2,2,3,3,3-Pentafluoro-1-phenylpropan-1-ol</b> [345-40-4] <i>bp</i> 183-185°C $n_D^{20}$ 1,434 $d$ 1,371 $\text{C}_9\text{H}_7\text{F}_5\text{O}$ FW 226.14 Flammable/Irritant	
1446	<b>2-Allylhexafluoroisopropanol</b> [646-97-9] <i>bp</i> 100-101°C $n_D^{20}$ 1,3407 $d$ 1,3793 $\text{C}_6\text{H}_6\text{F}_6\text{O}$ FW 208.10 Irritant/Lachrymatory	

1447	<b>2-Vinylhexafluoroisopropanol</b> [19701-19-0] <i>bp</i> 73-74°C $n_D^{20}$ 1,3108 $C_5H_4F_6O$ FW 194.08 Corrosive	
1448	<b>3,3,4,5,5,5-Hexafluoro-2-methylpentan-2-ol</b> [58380-92-0] <i>bp</i> 125-127°C $C_6H_8F_6O$ FW 210.13 Irritant	
1449	<b>2-(Pentafluorophenyl)propan-2-ol</b> [715-31-1] <i>bp</i> 58°C/0,3 mm Hg $n_D^{20}$ 1,4465 $C_9H_7F_5O$ FW 226.14 Irritant	
1450	<b>2,3,4,5-Tetrafluorobenzyl alcohol</b> [53072-18-7] <i>bp</i> 208°C $n_D^{20}$ 1,454-1,456 $C_7H_4F_4O$ FW 180.10 Irritant	
1451	<b>4-(2-Chloro-1,1,2-trifluoroethoxy)-2-methylphenol</b> [129670-05-9] <i>bp</i> 83-84°C/0,3 mm Hg $C_9H_8ClF_3O_2$ FW 240.61 Irritant	
1452	<b>4-(2-Chloro-1,1,2-trifluoroethoxy)phenol</b> [88553-89-3] <i>mp</i> 43-44°C $C_8H_6ClF_3O_2$ FW 226.58 Irritant	
1453	<b>2-(1,1,2,3,3,3-Hexafluoropropoxy)phenol</b> [53998-00-8] <i>bp</i> 69-71°C/5 mm Hg $C_9H_6F_6O_2$ FW 260.13	
1455	<b>Trifluoromethanesulfonic anhydride</b> [358-23-6] <i>bp</i> 84-85°C $n_D^{20}$ 1,32 $d$ 1,7 $C_2F_6O_5S$ FW 282.13 Corrosive/Moisture Sensitive	$(CF_3SO_2)_2O$



<b>1456</b>	<b>Trifluoromethanesulfonyl chloride</b> [421-83-0] <i>bp</i> 29-32°C $n_D^{20}$ 1,333–1,335 $d$ 1,58 CClF <sub>3</sub> O <sub>2</sub> S FW 168.52 Corrosive/Lachrymatory	<b>CF<sub>3</sub>SO<sub>2</sub>Cl</b>
<b>1459</b>	<b>2,2,2-Trifluoroethyl trifluoromethanesulfonate</b> [6226-25-1] <i>bp</i> 92-93°C $n_D^{20}$ 1,3037–1,3053 $d$ 1,61 C <sub>3</sub> H <sub>2</sub> F <sub>6</sub> O <sub>3</sub> S FW 232.10 Corrosive/Irritant/Toxic	<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CF<sub>3</sub></b>
<b>1460</b>	<b>1H,1H-Heptafluorobutyl trifluoromethanesulfonate</b> [6401-01-0] <i>bp</i> 118-120°C $n_D^{20}$ 1,304 C <sub>5</sub> H <sub>2</sub> F <sub>10</sub> O <sub>3</sub> S FW 332.12 Toxic/Corrosive	<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>(CF<sub>2</sub>)<sub>2</sub>CF<sub>3</sub></b>
<b>1461</b>	<b>2,2,3,3-Tetrafluoropropyl trifluoromethanesulfonate</b> [6401-02-1] <i>bp</i> 122-125°C $n_D^{20}$ 1,3223 C <sub>4</sub> H <sub>3</sub> F <sub>7</sub> O <sub>3</sub> S FW 264.12 Corrosive/Irritant/Toxic	<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>H</b>
<b>1462</b>	<b>1H,1H,5H-Octafluoropentyl trifluoromethanesulfonate</b> [17352-10-2] <i>bp</i> 146-148°C $n_D$ 1,319( $t=25^\circ\text{C}$ ) C <sub>6</sub> H <sub>3</sub> F <sub>11</sub> O <sub>3</sub> S FW 364.13 Corrosive/Toxic	<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>(CF<sub>2</sub>)<sub>3</sub>CF<sub>2</sub>H</b>
<b>1463</b>	<b>1,1,1,3,3,3-Hexafluoroisopropyl trifluoromethanesulfonate</b> [156241-41-7] <i>bp</i> 77-78°C C <sub>4</sub> HF <sub>9</sub> O <sub>3</sub> S 300.00 Corrosive/Toxic	<b>CF<sub>3</sub>SO<sub>2</sub>OCH(CF<sub>3</sub>)<sub>2</sub></b>
<b>1464</b>	<b>2-Iodo-3,3,3-trifluoropropyl chlorosulfate</b> [1309602-68-3] C <sub>3</sub> H <sub>3</sub> ClF <sub>3</sub> IO <sub>3</sub> S FW 392.44	<b>CF<sub>3</sub>CH(I)CH<sub>2</sub>OSO<sub>2</sub>Cl</b>
<b>1465</b>	<b>2-Bromotetrafluoroethyl fluorosulfate</b> [757-02-8] <i>bp</i> 72-74°C $n_D^{20}$ 1,3235 $d$ 1,9 C <sub>2</sub> BrF <sub>5</sub> O <sub>3</sub> S FW 278.98 Corrosive/Irritant	<b>BrCF<sub>2</sub>CF<sub>2</sub>OSO<sub>2</sub>F</b>

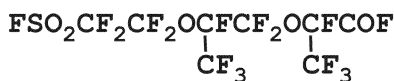
**1466 8-Fluorosulfonylperfluoro(2,5-dimethyl-3,6-dioxaoctanoyl) fluoride**

[4089-58-1]

*bp* 142-145°C

C<sub>8</sub>F<sub>16</sub>O<sub>5</sub>S

FW 512.12



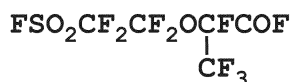
**1467 5-Fluorosulfonylperfluoro(2-methyl-3-oxapentanoyl) fluoride**

[4089-57-0]

*bp* 87-89°C *n<sub>D</sub>* 1,212(*t*=21°C) *d* 1,6

C<sub>5</sub>F<sub>10</sub>O<sub>4</sub>S

FW 346.10

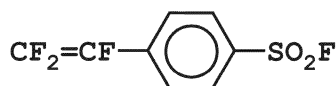


**1468 4-(Trifluorovinyl)benzenesulfonyl fluoride**

[185848-06-0]

C<sub>8</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub>S

FW 240.17



**1469 4-Iodobenzenesulfonyl chloride**

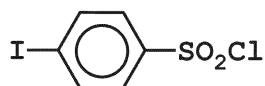
[98-61-3]

*mp* 86°C

C<sub>6</sub>H<sub>4</sub>ClIO<sub>2</sub>S

FW 302.51

Moisture/Light Sensitive



**1470 4-Iodobenzenesulfonyl fluoride**

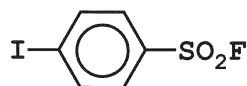
[4241-66-1]

*mp* 80°C

C<sub>6</sub>H<sub>4</sub>FI<sub>2</sub>O<sub>2</sub>S

FW 286.06

Moisture Sensitive



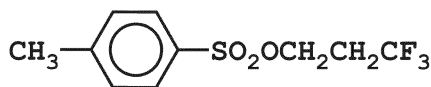
**1471 3,3,3-Trifluoropropyl p-toluenesulfonate**

[2342-67-8]

*bp* 120-122°C *n<sub>D</sub><sup>20</sup>* 1,473

C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>O<sub>3</sub>S

FW 268.25



**1472 1H,1H,5H-Octafluoropentyl p-toluenesulfonate**

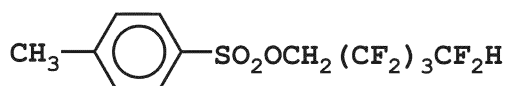
[2264-00-8]

*mp* 14-15°C *bp* 142-143°C/3 mm Hg *n<sub>D</sub><sup>20</sup>* 1,4325-1,4335 *d* 1,512

C<sub>12</sub>H<sub>10</sub>F<sub>8</sub>O<sub>3</sub>S

FW 386.26

Irritant



**1474 3-Bromo-1,1,1-trifluoroacetone oxime**

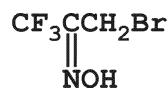
[117341-57-8]

*bp* 80-90°C/85 mm Hg

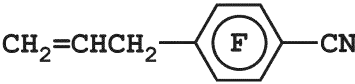
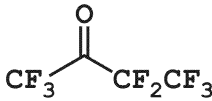
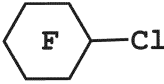
C<sub>3</sub>H<sub>3</sub>BrF<sub>3</sub>NO

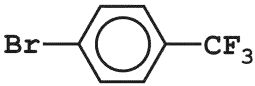
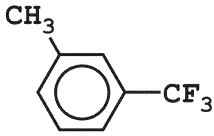


FW 205.95

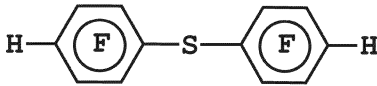
Irritant


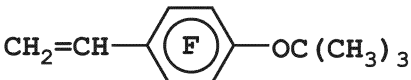
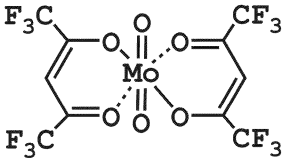
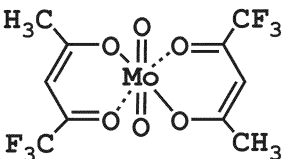


<b>1475</b>	<b>1,1,1-Trifluoroacetone oxime</b> [431-40-3] <i>mp</i> -1,5°C <i>bp</i> 102,5-103°C $n_D^{20}$ 1,3464 <i>d</i> 1,3042 $C_3H_4F_3NO$ FW 127.07 Irritant	$CF_3C(=O)CH_3$ $\parallel$ NOH
<b>1476</b>	<b>1-Fluorodecane</b> [334-56-5] <i>mp</i> -35°C <i>bp</i> 186-188°C $n_D^{20}$ 1,409 <i>d</i> 0,8197 <i>fp</i> 79°C $C_{10}H_{21}F$ FW 160.28 Flammable	$CH_3(CH_2)_8CH_2F$
<b>1477</b>	<b>Perfluorododecane</b> [307-59-5] <i>mp</i> 75°C <i>bp</i> 178°C <i>d</i> 1,67 $C_{12}F_{26}$ FW 638.09 Irritant	$CF_3(CF_2)_{10}CF_3$
<b>1478</b>	<b>1,1,1-Trifluorobutane</b> [460-34-4] <i>mp</i> -115°C <i>bp</i> 16-17°C $n_D$ 1,2921( <i>t</i> =10°C) <i>d</i> 1,0144( <i>t</i> =-40°C) $C_4H_7F_3$ FW 112.10 Flammable/Irritant	$CF_3CH_2CH_2CH_3$
<b>1479</b>	<b>1-(Perfluorohexyl)decane</b> [147492-59-9] <i>bp</i> 105-106°C/3 mm Hg $n_D^{20}$ 1,357 <i>d</i> 1,29 $C_{16}H_{21}F_{13}$ FW 460.32 Irritant	$CF_3(CF_2)_5(CH_2)_9CH_3$
<b>1480</b>	<b>1-(Perfluorohexyl)dodecane</b> [90499-30-2] <i>fp</i> >110 $C_{18}H_{25}F_{13}$ FW 488.38 Irritant	$CF_3(CF_2)_5(CH_2)_{11}CH_3$
<b>1481</b>	<b>1-(Perfluorohexyl)tetradecane, 80%</b> [154628-00-9] <i>mp</i> 15°C <i>bp</i> 158°C/12 mm Hg $n_D$ 1,3729( <i>t</i> =24,5°C) $C_{20}H_{29}F_{13}$ FW 516.43 Irritant	$CF_3(CF_2)_5(CH_2)_{13}CH_3$
<b>1482</b>	<b>1-(Perfluorooctyl)tetradecane</b> [133310-72-2] <i>mp</i> 43,4°C $C_{22}H_{29}F_{17}$ FW 616.45 Irritant	$CF_3(CF_2)_7(CH_2)_{13}CH_3$

<b>1484</b>	<b>3,3,4,4,4-Pentafluoropentanenitrile</b> [13265-56-0] <i>bp</i> 61-62°C/20 mm Hg $C_5H_4F_5N$ FW 173.09 Irritant/Flammable/Toxic	$CF_3CF_2CH_2CH_2CN$
<b>1485</b>	<b>4-Allyl-2,3,5,6-tetrafluorobenzonitrile</b> [94220-31-2] <i>mp</i> 105°C <i>bp</i> 265°C $C_{10}H_5F_4N$ FW 215.15 Irritant	
<b>1487</b>	<b>2-Iodo-1H,1H,1H,2H,3H,3H-perfluorodecane, 85%</b> [25291-12-7] <i>bp</i> 119-120°C $C_{10}H_5F_{15}I$ FW 537.03 Irritant	$CF_3(CF_2)_6CH_2CH(I)CH_3$
<b>1488</b>	<b>1-Chloro-6-iodoperfluorohexane</b> [16486-97-8] <i>bp</i> 68°C/48 mm Hg <i>d</i> 1,4 $C_6ClF_{12}I$ FW 462.40 Irritant	$ClCF_2(CF_2)_4CF_2I$
<b>1489</b>	<b>1-Chloro-8-iodoperfluorooctane</b> [16486-98-9] <i>bp</i> 72-73°C/12 mm Hg $C_8ClF_{16}I$ FW 562.42 Irritant	$ClCF_2(CF_2)_6CF_2I$
<b>1490</b>	<b>Octafluorobutan-2-one</b> [337-20-2] <i>bp</i> 0-2°C $C_4F_8O$ FW 216.03	
<b>1491</b>	<b>Fluorotrichloromethane</b> [75-69-4] <i>mp</i> -110°C <i>bp</i> 23-24°C $n_D^{20}$ 1,3850 <i>d</i> 1,49 <i>fp</i> 2°C $CCl_3F$ FW 137.37 Irritant	$CFC1_3$
<b>1492</b>	<b>Chloroperfluorocyclohexane</b> [336-15-2] <i>mp</i> 30-31°C <i>bp</i> 77°C $n_D^{20}$ 1,301 $C_6ClF_{11}$ FW 316.50 Irritant	

<b>1493</b>	<b>1-Bromo-2-iodotetrafluoroethane</b> [421-70-5] <i>bp</i> 80-81°C $n_D^{20}$ 1,433 $d$ 2,1 $C_2BrF_4I$ FW 306.82 Toxic	$BrCF_2CF_2I$
<b>1494</b>	<b>4-Bromobenzotrifluoride</b> [402-43-7] <i>bp</i> 154-156°C $n_D^{20}$ 1,4798 $d$ 1,6347 <i>fp</i> 39°C $C_7H_4BrF_3$ FW 225.01 Flammable	
<b>1495</b>	<b>3-Methylbenzotrifluoride</b> [401-79-6] <i>bp</i> 127-130°C $n_D^{20}$ 1,429 $d$ 1,148 <i>fp</i> 27°C $C_8H_7F_3$ FW 160.14 Flammable	
<b>1496</b>	<b>4-Methylbenzotrifluoride</b> [6140-17-6] <i>bp</i> 128-130°C $n_D^{20}$ 1,425-1,427 $d$ 1,14 <i>fp</i> 27°C $C_8H_7F_3$ FW 160.14 Flammable	
<b>1498</b>	<b>2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzoyl fluoride</b> [117338-23-5] <i>bp</i> 151-152°C $C_8F_8O$ 264.08 Corrosive/Moisture Sensitive	
<b>1500</b>	<b>2-Acetoxy-4,4,4-trifluorobutyronitrile</b> [1314914-15-2] $C_6H_6F_3NO_2$ FW 181.11	$CF_3CH_2CH(CN)OCOCH_3$
<b>1501</b>	<b>2-(Bromomethyl)-1,1,1,3,3,3-hexafluoropropane</b> [382-14-9] <i>bp</i> 78°C $C_4H_3BrF_6$ FW 244.96 Irritant	$CF_3CH(CF_3)CH_2Br$
<b>1503</b>	<b>1-Bromo-2-chlorotetrafluoroethane</b> [354-53-0] <i>mp</i> -123°C <i>bp</i> 24,9°C $n_D^{20}$ 1,3383 $d$ 1,82 $C_2BrClF_4$ FW 215.38 Irritant	$BrCF_2CF_2Cl$

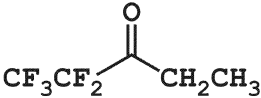
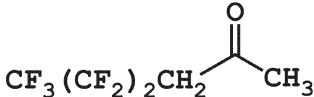

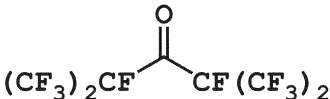
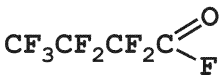
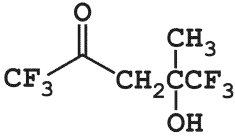
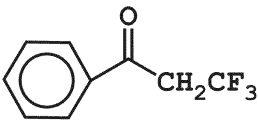
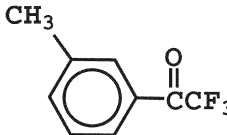
<b>1504</b>	<b>2-Hydroxy-4,4,4-trifluorobutyronitrile</b> [912578-73-5] <i>bp</i> 100°C/10 mm Hg C <sub>4</sub> H <sub>4</sub> F <sub>3</sub> NO FW 139.07 Irritant	$\text{CF}_3\text{CH}_2\underset{\text{OH}}{\text{CH}}\text{CN}$
<b>1505</b>	<b>Trimethylsilyl perfluorononanoate</b> [1244856-06-1]  C <sub>12</sub> H <sub>9</sub> F <sub>17</sub> O <sub>2</sub> Si FW 536.26	$\text{CF}_3(\text{CF}_2)_7\text{C} \begin{array}{l} \text{=O} \\ \text{OSi(CH}_3)_3 \end{array}$
<b>1506</b>	<b>1,2-Dibromoperfluoroheptane</b> [678-32-0]  C <sub>7</sub> Br <sub>2</sub> F <sub>14</sub> FW 509.87 Irritant	$\text{CF}_3(\text{CF}_2)_4\underset{\text{Br}}{\text{CF}}\text{CF}_2\text{Br}$
<b>1507</b>	<b>Bis(2,3,5,6-tetrafluorophenyl)sulfide</b> [967-95-3] <i>mp</i> 68-69°C <i>bp</i> 106°C/2,5 mm Hg C <sub>12</sub> H <sub>2</sub> F <sub>8</sub> S FW 330.19 Irritant	
<b>1509</b>	<b>1-Bromo-8H-perfluorooctane</b> [89740-38-5] <i>bp</i> 80,5°C/60 mm Hg C <sub>8</sub> HBrF <sub>16</sub> FW 480.97 Irritant	$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{Br}$
<b>1510</b>	<b>2-Iodo-3,3,3-trifluoropropene</b> [107070-09-7] <i>bp</i> 56-66°C C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> I FW 221.95 Irritant	$\text{CF}_3\text{CI}=\text{CH}_2$
<b>1511</b>	<b>Perfluorooct-1-ene</b> [559-14-8] <i>bp</i> 102-105°C <i>n<sub>D</sub></i> 1,2802( <i>t</i> =15°C) C <sub>8</sub> F <sub>16</sub> FW 400.06 Irritant	$\text{CF}_3(\text{CF}_2)_5\text{CF}=\text{CF}_2$
<b>1512</b>	<b>1-Bromo-2-(trifluoromethyl)-3,3,3-trifluoropropene</b> [382-15-0] <i>bp</i> 63-64°C C <sub>4</sub> HBrF <sub>6</sub> FW 242.95 Irritant	$\text{CF}_3\underset{\text{CF}_3}{\text{C}}=\text{CHBr}$

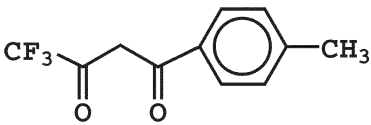
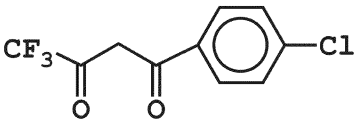
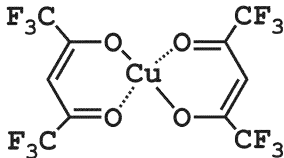
1513	<b>2,3,5,6-Tetrafluoro-4-(trifluoromethyl)benzoic acid</b> [5216-22-8] <i>mp</i> 110-112°C $C_8HF_7O_2$ FW 262.09 Corrosive/Irritant	
1514	<b>4-(tert-Butoxy)-2,3,5,6-tetrafluorostyrene</b> [343305-41-9] <i>bp</i> 52°C $C_{12}H_{12}F_4O$ FW 248.22 Irritant	
1515	<b>Molybdenum(VI) dioxide bis(1,1,1,5,5,5-hexafluoroacetylacetonate)</b> [155662-73-0] $C_{10}H_2F_{12}MoO_6$ FW 542.04 Irritant	
1516	<b>Molybdenum(VI) dioxide bis(1,1,1-trifluoroacetylacetonate)</b> [155311-12-9] $C_{10}H_8F_6MoO_6$ FW 434.10 Irritant	
1517	<b>Perfluorohex-1-ene, 90%</b> [755-25-9] <i>bp</i> 57°C $C_6F_{12}$ FW 300.06 Irritant	$CF_3(CF_2)_3CF=CF_2$
1518	<b>4,4,5,5,6,6,6-Heptafluoro-2-iodohexan-1-ol</b> [647-84-7] <i>bp</i> 71-71.5°C/7 mm Hg $n_D^{25}$ 1.4125( $t=25^\circ C$ ) $d_4^{25}$ 1.9635( $t=25^\circ C$ ) $C_6H_6F_7IO$ FW 354.01 Irritant	$CF_3CF_2CF_2CH_2CH(I)CH_2OH$
1519	<b>4,5,5,6,6,6-Hexafluoro-2-iodo-4-(trifluoromethyl)hexan-1-ol</b> [1350637-23-8] $C_7H_6F_9IO$ FW 404.01 Irritant	$CF_3CF_2CF(CF_3)CH_2CH(I)CH_2OH$
1520	<b>3-Iodo-5,5,6,6,6-pentafluorohexan-1-ol</b> [526223-11-0] $C_6H_8F_5IO$ FW 318.02 Irritant	$CF_3CF_2CH_2CH(I)CH_2CH_2OH$

1521	<b>2,3-Dibromohexafluorobut-2-ene</b> [384-51-0] (E)[17617-95-7] (Z)[17617-96-8] <i>bp</i> 104-106°C $n_D^{20}$ 1,416 $C_4Br_2F_6$ FW 341.84 Irritant	$CF_3CBr=CB rCF_3$
1522	<b>1,1,2-Trifluoropenta-1,4-diene</b> [401-49-0] <i>bp</i> 37-39°C $n_D^{20}$ 1,3424-1,3435 $d$ 1,057 $C_5H_5F_3$ FW 122.09 Flammable/Irritant	$CF_2=CFCH_2CH=CH_2$
1523	<b>2,2,2-Trifluoroethylamine</b> [753-90-2] <i>bp</i> 37-38°C $n_D^{20}$ 1,301 $d$ 1,262 <i>fp</i> -17°C $C_2H_4F_3N$ FW 99.05 Corrosive/Flammable/Toxic/Keep Cold	$CF_3CH_2NH_2$
1524	<b>2,2,2-Trifluoroethylamine hydrochloride</b> [373-88-6] <i>mp</i> 222-226°C ( <i>subl.</i> ) $C_2H_5ClF_3N$ FW 135.52 Hygroscopic/Toxic/Irritant	$CF_3CH_2NH_2 \cdot HCl$
1525	<b>2,2-Difluoroethylamine hydrochloride</b> [79667-91-7] <i>mp</i> 248-250°C ( <i>decomp.</i> ) $C_2H_6ClF_2N$ FW 117.53 Irritant	$HCF_2CH_2NH_2 \cdot HCl$
1526	<b>2-Bromo-2,2-difluoroethylamine hydrochloride</b> [1211120-17-0] <i>mp</i> 201°C $C_2H_5BrClF_2N$ FW 196.42 Irritant	$BrCF_2CH_2NH_2 \cdot HCl$
1528	<b>2,2,3,3,3-Pentafluoropropylamine hydrochloride</b> [374-14-1] <i>mp</i> 248°C $C_3H_5ClF_5N$ FW 185.53 Harmful	$CF_3CF_2CH_2NH_2 \cdot HCl$
1529	<b>1H,1H-Perfluorooctylamine, 85%</b> [307-29-9] <i>bp</i> 150-152°C $n_D^{20}$ 1,3109 $d$ 1,714 $C_8H_4F_{15}N$ FW 399.10 Harmful/Corrosive	$CF_3(CF_2)_6CH_2NH_2$

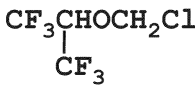
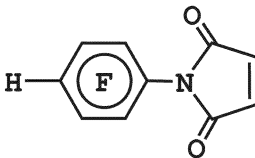
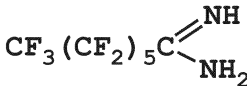

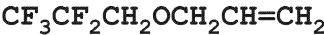
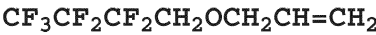
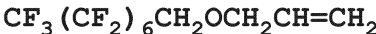
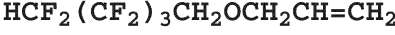


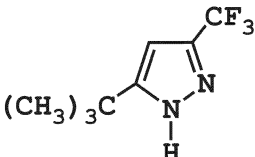

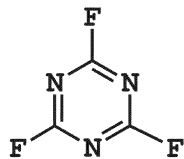
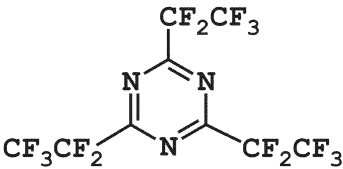
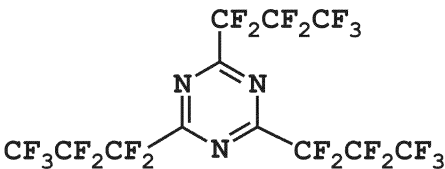
1530	<b>2-Amino-1,1,1-trifluoropropane hydrochloride</b> [2968-32-3] <i>mp</i> 218°C C <sub>3</sub> H <sub>7</sub> ClF <sub>3</sub> N FW 149.54 Irritant	$\begin{array}{c} \text{CF}_3\text{CHCH}_3 \\   \\ \text{NH}_2 \cdot \text{HCl} \end{array}$
1532	<b>Ammonium 2-aminohexafluoroisopropoxide</b> [1274903-33-1] <i>mp</i> 89-91°C C <sub>3</sub> H <sub>6</sub> F <sub>6</sub> N <sub>2</sub> O FW 200.08 Irritant	$\begin{array}{c} (\text{CF}_3)_2\text{C} \begin{array}{l} \text{O}^- \\   \\ \text{NH}_2 \end{array} \text{NH}_4^+ \end{array}$
1534	<b>Heptafluorobutanamidine</b> [375-19-9] <i>mp</i> 49-52°C C <sub>4</sub> H <sub>3</sub> F <sub>7</sub> N <sub>2</sub> FW 212.07	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C} \begin{array}{l} \text{=NH} \\ \text{NH}_2 \end{array}$
1535	<b>Perfluorooctanamidine</b> [307-31-3] <i>mp</i> 86-88°C C <sub>8</sub> H <sub>3</sub> F <sub>15</sub> N <sub>2</sub> FW 412.10 Irritant	$\text{CF}_3(\text{CF}_2)_6\text{C} \begin{array}{l} \text{=NH} \\ \text{NH}_2 \end{array}$
1536	<b>Trifluoroacetaldehyde diethyl acetal</b> [31224-45-0] C <sub>6</sub> H <sub>11</sub> F <sub>3</sub> O <sub>2</sub> FW 172.15 Flammable/Harmful/Irritant	$\begin{array}{c} \text{CF}_3\text{CHOCH}_2\text{CH}_3 \\   \\ \text{OCH}_2\text{CH}_3 \end{array}$
1538	<b>2,2,2-Trifluoroethyl formate</b> [32042-38-9] <i>bp</i> 59-61°C <i>n</i> <sub>D</sub> <sup>20</sup> <1,001 <i>d</i> 1,317 <i>fp</i> 7,2°C C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> FW 128.05 Harmful/Highly Flammable	$\text{CF}_3\text{CH}_2\text{OC} \begin{array}{l} \text{=O} \\ \text{H} \end{array}$
1539	<b>Chlorodifluoroacetaldehyde hydrate</b> [63034-47-9] <i>bp</i> 104-106°C <i>d</i> 1,384 C <sub>2</sub> H <sub>3</sub> ClF <sub>2</sub> O <sub>2</sub> FW 132.49 Toxic	$\text{ClCF}_2\text{C} \begin{array}{l} \text{=O} \\ \text{H} \end{array} \cdot \text{H}_2\text{O}$
1540	<b>7-Chloro-1H,1H-perfluoroheptan-1-ol</b> [76711-89-2] C <sub>7</sub> H <sub>3</sub> ClF <sub>12</sub> O FW 366.53	$\text{ClCF}_2(\text{CF}_2)_5\text{CH}_2\text{OH}$

1541	<p><b>Ethyl pentafluoroethyl ketone</b>                      [378-72-3]  <i>bp</i> 61-62°C <math>n_D^{20}</math> 1,3015 <math>d</math> 1,554  <math>C_5H_5F_5O</math>                      FW 176.09                      Flammable/Irritant</p>	
1542	<p><b>4,4,5,5,6,6-Heptafluorohexan-2-one</b>                      [136909-72-3]  <i>bp</i> 118-120°C  <math>C_6H_5F_7O</math>                      FW 226.09                      Irritant</p>	
1544	<p><b>3,3-Dichloro-1,1,1-trifluoroacetone trihydrate</b>                      [1185023-70-4] component [126266-75-9]  <i>bp</i> 103°C  <math>C_3HCl_2F_3O \cdot 3H_2O</math>                      FW 234.99                      Harmful/Irritant</p>	
1545	<p><b>Bis(heptafluoroisopropyl)ketone</b>                      [813-44-5]  <i>bp</i> 72-73°C <math>n_D^{20}</math> &lt;1,300 <math>d</math> 1,66  <math>C_7F_{14}O</math>                      FW 366.05                      Irritant/Harmful</p>	
1546	<p><b>Heptafluorobutyryl fluoride</b>                      [335-42-2]  <i>bp</i> 7-9°C  <math>C_4F_8O</math>                      FW 216.03                      Corrosive/Moisture Sensitive</p>	
1547	<p><b>1,1,1,5,5,5-Hexafluoro-2-hydroxy-2-methylpentan-2-one</b>                      [649-65-0]  <i>mp</i> 24-25°C <i>bp</i> 120-123°C <math>n_D^{20}</math> 1,338  <math>C_6H_6F_6O_2</math>                      FW 224.10                      Irritant</p>	
1548	<p><b>2,2,2-Trifluoroethyl phenyl ketone</b>                      [709-21-7]  <i>mp</i> 36-38°C <i>bp</i> 105-106°C/4mm Hg  <math>C_9H_7F_3O</math>                      FW 188.15                      Flammable/Irritant</p>	
1549	<p><b>3'-Methyl-2,2,2-trifluoroacetophenone</b>                      [1736-06-7]  <i>bp</i> 73-75°C/20mm Hg <math>n_D^{20}</math> 1,4634 <math>d</math> 1,2341  <math>C_9H_7F_3O</math>                      FW 118.15                      Irritant</p>	

<b>1550</b>	<b>1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione</b> [720-94-5] <i>mp</i> 42-44°C <i>bp</i> 96-100°C/2mm Hg $C_{11}H_9F_3O_2$ FW 230.18 Irritant	
<b>1551</b>	<b>1-(4-Chlorophenyl)-4,4,4-trifluorobutane-1,3-dione</b> [18931-60-7] <i>mp</i> 63-64°C $C_{10}H_6ClF_3O_2$ FW 250.60 Irritant	
<b>1553</b>	<b>Copper(II) hexafluoroacetylacetonate</b> [14781-45-4] <i>mp</i> 97-99°C $C_{10}H_2CuF_{12}O_4$ FW 477.65 Irritant	
<b>1554</b>	<b>Ethyl pentafluoroethyl ether</b> [22052-81-9] <i>bp</i> 29-30°C $C_4H_5F_5O$ FW 164.08 Flammable	$CF_3CF_2OCH_2CH_3$
<b>1555</b>	<b>Dichloromethyl 2,2,2-trifluoroethyl ether</b> [26644-86-0] <i>bp</i> 47-48°C/150 mm Hg $n_D^{20}$ 1,367 $C_3H_3Cl_2F_3O$ FW 182.96	$CF_3CH_2OCHCl_2$
<b>1556</b>	<b>Difluoromethyl 2,2,2-trifluoroethyl ether</b> [1885-48-9] <i>bp</i> 28-30°C $n_D^{20}$ 1,2653 $C_3H_3F_5O$ FW 150.05 Irritant	$CF_3CH_2OCHF_2$
<b>1557</b>	<b>Difluoromethyl 1-chloro-2,2,2-trifluoroethyl ether (Isoflurane)</b> [26675-46-7] <i>bp</i> 48-49°C $n_D^{20}$ 1,3 $d$ 1,45 $C_3H_2ClF_5O$ FW 184.49 Flammable/Toxic	$CF_3CHClOCHF_2$
<b>1558</b>	<b>Methyl heptafluoropropyl ether</b> [375-03-1] <i>mp</i> -122°C <i>bp</i> 33-35°C $d$ 1,409 $C_4H_3F_7O$ FW 200.06 Irritant	$CF_3CF_2CF_2OCH_3$

<b>1559</b>	<b>Methyl nonafluorobutyl ether</b> [163702-07-6] <i>mp</i> -135°C <i>bp</i> 60-61°C $n_D^{20}$ 1,3 <i>d</i> 1,52 <i>fp</i> -18°C $C_5H_3F_9O$ FW 250.06 Irritant	$CF_3CF_2CF_2CF_2OCH_3$
<b>1560</b>	<b>Methyl 2,2,3,3,3-pentafluoropropyl ether</b> [378-16-5] <i>bp</i> 46-48°C $n_D^{20}$ 1,285 <i>d</i> 1,269 $C_4H_5F_5O$ FW 164.08 Flammable	$CF_3CF_2CH_2OCH_3$
<b>1561</b>	<b>Difluoromethyl 2,2,3,3,3-pentafluoropropyl ether</b> [56860-81-2] <i>mp</i> -107°C <i>bp</i> 46°C $n_D^{20}$ 1,272 <i>d</i> 1,46 $C_4H_3F_7O$ FW 200.05 Irritant	$CF_3CF_2CH_2OCHF_2$
<b>1562</b>	<b>2,2,3,3,3-Pentafluoropropyl 1,1,2,2-tetrafluoroethyl ether</b> [50807-74-4] <i>bp</i> 68°C $n_D^{20}$ 1,283 <i>d</i> 1,567 $C_5H_3F_9O$ FW 250.06 Irritant	$CF_3CF_2CH_2OCF_2CF_2H$
<b>1563</b>	<b>Ethyl 1,1,2,3,3,3-hexafluoropropyl ether</b> [380-34-7] <i>bp</i> 64-65°C $n_D^{20}$ 1,296 <i>d</i> 1,304 $C_5H_6F_6O$ FW 196.09 Irritant	$CF_3CHFCH_2OCH_2CH_3$
<b>1564</b>	<b>1H,1H,2'H-Perfluorodipropyl ether</b> [1000-28-8] <i>bp</i> 86-87,5°C $n_D^{20}$ 1,2751 <i>d</i> 1,5844 $C_6H_3F_{11}O$ FW 300.07 Irritant	$CF_3CHFCH_2OCH_2CF_2CF_3$
<b>1565</b>	<b>1H,1H,2'H,3H-Decafluorodipropyl ether</b> [65064-78-0] <i>bp</i> 102-103°C $n_D^{20}$ 1,293 <i>d</i> 1,578 $C_6H_4F_{10}O$ FW 282.08 Irritant	$CF_3CHFCH_2OCH_2CF_2CF_2H$
<b>1566</b>	<b>Methyl 1,1,1,3,3,3-hexafluoroisopropyl ether</b> [13171-18-1] <i>bp</i> 54-56°C $n_D^{20}$ 1,284 <i>d</i> 1,38 $C_4H_4F_6O$ FW 182.07 Irritant/Flammable	$CF_3CHOCH_3$   $CF_3$




1567	<b>Chloromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether (Sevoflurane)</b> [26103-07-1] <i>bp</i> 95°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,314 <i>d</i> 1,488 <i>fp</i> 11°C C <sub>4</sub> H <sub>3</sub> ClF <sub>6</sub> O FW 216.51	
1570	<b>N-(2,3,5,6-Tetrafluorophenyl)maleimide</b> [63539-54-8] <i>mp</i> 137-138°C C <sub>10</sub> H <sub>3</sub> F <sub>4</sub> NO <sub>2</sub> FW 245.13 Irritant	
1571	<b>Perfluoroheptanamidine</b> [25264-81-7] <i>mp</i> 75°C C <sub>7</sub> H <sub>3</sub> F <sub>13</sub> N <sub>2</sub> FW 362.09 Irritant	
1572	<b>Allyl 2,2,2-trifluoroethyl ether</b> [1524-54-5] <i>bp</i> 76-78°C <i>n</i> <sub>D</sub> 1,3352( <i>t</i> =25°C) <i>d</i> 1,089( <i>t</i> =25°C) C <sub>5</sub> H <sub>7</sub> F <sub>3</sub> O FW 140.11 Irritant/Flammable	
1573	<b>Allyl 2,2,3,3,3-pentafluoropropyl ether</b> [186907-75-5] <i>bp</i> 85-86°C C <sub>6</sub> H <sub>7</sub> F <sub>5</sub> O FW 190.13 Irritant/Flammable	
1574	<b>Allyl 1H,1H-heptafluorobutyl ether</b> [648-42-0] <i>bp</i> 105°C <i>n</i> <sub>D</sub> 1,3205( <i>t</i> =25°C) <i>d</i> 1,31( <i>t</i> =25°C) C <sub>7</sub> H <sub>7</sub> F <sub>7</sub> O FW 240.12 Flammable	
1575	<b>Allyl 1H,1H-perfluorooctyl ether</b> [812-72-6] <i>bp</i> 178°C <i>n</i> <sub>D</sub> 1,3202( <i>t</i> =25°C) <i>d</i> 1,561( <i>t</i> =25°C) C <sub>11</sub> H <sub>7</sub> F <sub>15</sub> O FW 440.15 Irritant	
1576	<b>Allyl 1H,1H,5H-octafluoropentyl ether</b> [3108-07-4] <i>bp</i> 150-151°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3635 <i>d</i> 1,4318 C <sub>8</sub> H <sub>8</sub> F <sub>8</sub> O FW 272.14 Irritant	

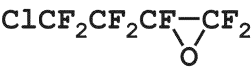
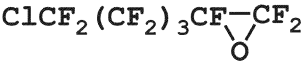
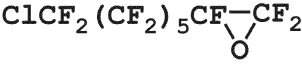
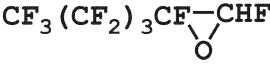
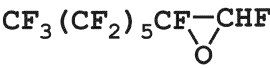
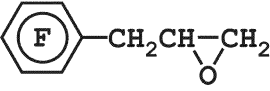
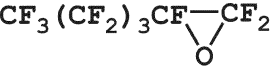
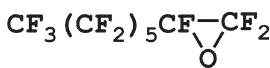
<b>1577</b>	<b>Allyl 2-chloro-1,1,2-trifluoroethyl ether</b> [380-44-9] <i>bp</i> 109-110°C <i>n<sub>D</sub></i> 1,3694( <i>t</i> =25°C) <i>d</i> 1,25( <i>t</i> =25°C) $C_5H_6ClF_3O$ FW 174.55 Irritant	$HCFC1CF_2OCH_2CH=CH_2$
<b>1579</b>	<b>Allyl 2,2,3,3-tetrafluoropropyl ether</b> [681-68-5] <i>bp</i> 110°C/740 mm Hg <i>n<sub>D</sub></i> 1,3471( <i>t</i> =25°C) <i>d</i> 1,183( <i>t</i> =25°C) $C_6H_8F_4O$ FW 172.13 Irritant/Flammable	$HCF_2CF_2CH_2OCH_2CH=CH_2$
<b>1580</b>	<b>5(3)-tert-Butyl-3(5)-(trifluoromethyl)pyrazole</b> [150433-22-0] <i>mp</i> 180-182°C $C_8H_{11}F_3N_2$ FW 192.18	
<b>1581</b>	<b>Pentafluoropyridine</b> [700-16-3] <i>mp</i> -42°C <i>bp</i> 83-84°C <i>n<sub>D</sub><sup>20</sup></i> 1,3834-1,3856 <i>d</i> 1,54 <i>fp</i> 23°C $C_5F_5N$ FW 169.06 Flammable/Irritant	
<b>1588</b>	<b>Methyl perfluorohexyl ether</b> [226909-72-4] $C_7H_3F_{13}O$ FW 350.08	$CF_3(CF_2)_5OCH_3$
<b>1589</b>	<b>2,4,6-Trifluoro-1,3,5-triazine</b> [675-14-9] <i>mp</i> -38°C <i>bp</i> 73-74°C <i>n<sub>D</sub><sup>20</sup></i> 1,3844 <i>d</i> 1,56 <i>fp</i> 73-74°C $C_3F_3N_3$ FW 135.05 Corrosive/Moisture Sensitive/Toxic	
<b>1590</b>	<b>Tris(pentafluoroethyl)-1,3,5-triazine</b> [858-46-8] <i>bp</i> 121-122°C <i>n<sub>D</sub><sup>20</sup></i> 1,312 <i>d</i> 1,665 $C_9F_{15}N_3$ FW 435.10 Irritant	
<b>1591</b>	<b>Tris(heptafluoropropyl)-1,3,5-triazine</b> [915-76-4] <i>mp</i> 25°C <i>bp</i> 164-165°C <i>n<sub>D</sub><sup>20</sup></i> 1,311 <i>d</i> 1,716( <i>t</i> =25°C) $C_{12}F_{21}N_3$ FW 585.12 Irritant	

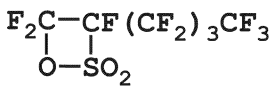
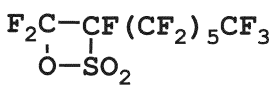
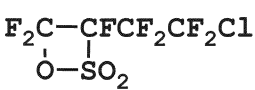
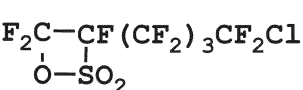
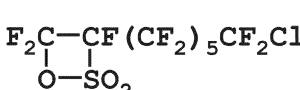
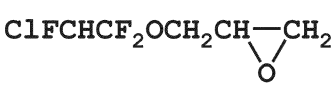
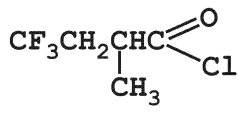
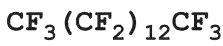
1592	<b>Methyl 1H,1H-heptafluorobutyl ether</b> [376-98-7] <i>bp</i> 68°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,2895 <i>d</i> 1,3945 C <sub>5</sub> H <sub>5</sub> F <sub>7</sub> O FW 214.08 Flammable	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{OCH}_3$
1593	<b>Methyl 1H,1H-nonafluoropentyl ether</b> [1391033-36-5]  C <sub>6</sub> H <sub>5</sub> F <sub>9</sub> O FW 264.09 Flammable/Irritant	$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{OCH}_3$
1594	<b>Methyl 1H,1H-perfluorohexyl ether</b> [1391033-26-3]  C <sub>7</sub> H <sub>5</sub> F <sub>11</sub> O FW 314.10	$\text{CF}_3(\text{CF}_2)_4\text{CH}_2\text{OCH}_3$
1595	<b>Trimethylsilyl heptafluorobutyrate</b> [24929-99-5] <i>bp</i> 113-115°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,324 <i>d</i> 1,3321 C <sub>7</sub> H <sub>9</sub> F <sub>7</sub> O <sub>2</sub> Si FW 286.22	$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{OSi}(\text{CH}_3)_3$
1596	<b>Trimethylsilyl nonafluoropentanoate</b> [1435806-43-1]  C <sub>8</sub> H <sub>9</sub> F <sub>9</sub> O <sub>2</sub> Si FW 336.23	$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{OSi}(\text{CH}_3)_3$
1597	<b>Trimethylsilyl trifluoromethanesulfonate</b> [27607-77-8] <i>bp</i> 140-141°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,360–1,363 <i>d</i> 1,23 <i>fp</i> 26°C C <sub>4</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> Si FW 222.25 Moisture Sensitive/Corrosive/Flammable	$\text{CF}_3\text{SO}_3\text{Si}(\text{CH}_3)_3$
1598	<b>Trimethylsilyl 2-(heptafluoropropoxy)tetrafluoropropionate</b> [152718-74-6] <i>bp</i> 142-148°C C <sub>9</sub> H <sub>9</sub> F <sub>11</sub> O <sub>3</sub> Si FW 402.23	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OC}(\text{CF}_3)=\text{C}(=\text{O})\text{OSi}(\text{CH}_3)_3$
1599	<b>2-Trimethylsilyloxy-1,1,1,5,5,5-hexafluoropent-2-en-4-one</b> [215181-91-2] (E)[75108-40-6] (Z)[75108-34-8] <i>bp</i> 128-129°C C <sub>8</sub> H <sub>10</sub> F <sub>6</sub> O <sub>2</sub> Si FW 280.25	$\text{CF}_3\text{C}(=\text{O})\text{CH}=\text{C}(\text{OSi}(\text{CH}_3)_3)\text{CF}_3$

<b>1600</b>	<b>Sodium perfluoroheptanoate</b> [20109-59-5]	$\text{C}_7\text{F}_{13}\text{NaO}_2$ FW 386.04 Irritant	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{ONa}$
<b>1601</b>	<b>Trimethylsilyl perfluoroheptanoate</b> [1244856-04-9]	$\text{C}_{10}\text{H}_9\text{F}_{13}\text{O}_2\text{Si}$ FW 436.24	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{OSi}(\text{CH}_3)_3$
<b>1603</b>	<b>3-(1H,1H,7H-Perfluoroheptyloxy)-1,2-propenoxide</b> [799-34-8] <i>bp</i> 250°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,346 <i>d</i> 1,614 <i>fp</i> >110°C $\text{C}_{10}\text{H}_8\text{F}_{12}\text{O}_2$ FW 388.15 Irritant		$\text{HCF}_2(\text{CF}_2)_5\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$ 
<b>1604</b>	<b>3-(1H,1H,9H-Perfluorononyloxy)-1,2-propenoxide</b> [125370-60-7] <i>bp</i> 251°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,342 <i>d</i> 1,682 $\text{C}_{12}\text{H}_8\text{F}_{16}\text{O}_2$ FW 488.17		$\text{HCF}_2(\text{CF}_2)_7\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$ 
<b>1606</b>	<b>6H-Perfluorohex-1-ene</b> [1767-94-8] <i>bp</i> 74-76°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,29 <i>d</i> 1,549 $\text{C}_6\text{HF}_{11}$ FW 282.06 Irritant		$\text{HCF}_2(\text{CF}_2)_3\text{CF}=\text{CF}_2$
<b>1607</b>	<b>8H-Perfluorooct-1-ene</b> [336-01-6] <i>bp</i> 118-122°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,296 <i>d</i> 1,738 $\text{C}_8\text{HF}_{15}$ FW 382.07 Irritant		$\text{HCF}_2(\text{CF}_2)_5\text{CF}=\text{CF}_2$
<b>1610</b>	<b>Perfluoro-2-(fluorosulfonyl)pentanoyl fluoride</b> [1404193-87-8]	$\text{C}_5\text{F}_{10}\text{O}_3\text{S}$ FW 330.10	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{SO}_2\text{F})\text{C}(=\text{O})\text{F}$
<b>1611</b>	<b>[2,2-Bis(trifluoromethyl)-1H,1H-heptafluoropentyl]oxirane</b> [119285-89-1] <i>bp</i> 159-161°C $\text{C}_9\text{H}_5\text{F}_{13}\text{O}$ FW 376.12		$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{CH}_2\text{CH}=\text{CH}_2$ 



<b>1612</b>	<b>3-(1,1,2,3,3,3-Hexafluoropropoxy)-1,2-propenoxide</b> [122502-53-8] <i>bp</i> 67-68°C/12 mm Hg $C_6H_6F_6O_2$ FW 224.10	$CF_3CFHCF_2OCH_2CH=CH_2$ 
<b>1613</b>	<b>4-Chloroheptafluorobut-1-ene</b> [378-81-4] <i>bp</i> 34-35°C $n_D^{20}$ 1,299 $d$ 1,57 $C_4ClF_7$ FW 216.49 Irritant	$ClCF_2CF_2CF=CF_2$
<b>1614</b>	<b>6-Chloroperfluorohex-1-ene</b> [31001-56-6] <i>bp</i> 89°C $n_D^{20}$ 1,304 $d$ 1,6702 $C_6ClF_{11}$ FW 316.5 Irritant	$ClCF_2(CF_2)_3CF=CF_2$
<b>1615</b>	<b>8-Chloroperfluorooct-1-ene</b> [66443-80-9] <i>bp</i> 130°C $n_D^{20}$ 1,302 $C_8ClF_{15}$ FW 416.52 Irritant	$ClCF_2(CF_2)_5CF=CF_2$
<b>1616</b>	<b>1H-Perfluorohex-1-ene</b> [66249-21-6] (E)[391199-64-7] (Z)[168332-72-7] <i>bp</i> 78-80°C $C_6HF_{11}$ FW 282.06 Irritant	$CF_3(CF_2)_3CF=CHF$
<b>1617</b>	<b>1H-Perfluorooct-1-ene</b> [7621-51-4](E)[56184-37-3] <i>bp</i> 95-98°C $C_8HF_{15}$ FW 382.07 Irritant	$CF_3(CF_2)_5CF=CHF$
<b>1618</b>	<b>(4H-Octafluorobutyl)trifluorooxirane</b> [50838-66-9] <i>bp</i> 182-186°C $C_6HF_{11}O$ FW 298.06	$HCF_2(CF_2)_3CF-CF_2$ 
<b>1619</b>	<b>(6H-Perfluorohexyl)trifluorooxirane</b> [742-84-7] <i>mp</i> 69°C <i>bp</i> 123°C $C_8HF_{15}O$ FW 398.07	$HCF_2(CF_2)_5CF-CF_2$ 

<b>1620</b>	<b>(2-Chlorotetrafluoroethyl)trifluorooxirane</b> [50838-67-0] <i>bp</i> 33-35°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,287 <i>d</i> 1,576 C <sub>4</sub> ClF <sub>7</sub> O FW 232.49	
<b>1621</b>	<b>(4-Chlorooctafluorobutyl)trifluorooxirane</b> [50838-69-2] <i>bp</i> 83-84°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,297 <i>d</i> 1,696 C <sub>6</sub> ClF <sub>11</sub> O FW 332.50	
<b>1622</b>	<b>(6-Chloroperfluorohexyl)trifluorooxirane</b> [66443-82-1] <i>bp</i> 129-130°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3 C <sub>8</sub> ClF <sub>15</sub> O FW 432.52	
<b>1623</b>	<b>2,3-Difluoro-2-(nonafluorobutyl)oxirane</b> [1350637-06-7]  C <sub>6</sub> HF <sub>11</sub> O FW 298.05 Irritant	
<b>1624</b>	<b>2,3-Difluoro-2-(perfluorohexyl)oxirane</b> [1350637-14-7]  C <sub>8</sub> HF <sub>15</sub> O FW 398.07 Irritant	
<b>1625</b>	<b>(2,3,4,5,6-Pentafluorobenzyl)oxirane</b> [32974-30-4] <i>mp</i> 54-56°C C <sub>9</sub> H <sub>5</sub> F <sub>5</sub> O FW 224.13	
<b>1626</b>	<b>(Nonafluorobutyl)trifluorooxirane</b> [72804-48-9] <i>bp</i> 55-56°C C <sub>6</sub> F <sub>12</sub> O FW 316.05 Irritant	
<b>1627</b>	<b>(Perfluorohexyl)trifluorooxirane</b> [87375-53-9] <i>bp</i> 102-106°C <i>n</i> <sub>D</sub> 1,2802( <i>t</i> =15°C) C <sub>8</sub> F <sub>16</sub> O FW 416.06	

<b>1629</b>	<b>1-(Nonafluorobutyl)trifluoroethanesultone</b> [85211-95-6] <i>bp</i> 114°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3005 <i>d</i> 1,7811 C <sub>6</sub> F <sub>12</sub> O <sub>3</sub> S FW 380.11	
<b>1630</b>	<b>1-(Perfluorohexyl)trifluoroethanesultone</b> [1131541-76-8] C <sub>8</sub> F <sub>16</sub> O <sub>3</sub> S FW 480.12	
<b>1631</b>	<b>1-(2-Chlorotetrafluoroethyl)trifluoroethanesultone</b> [108858-09-9] <i>bp</i> 103°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3168 <i>d</i> 1,7039 C <sub>4</sub> ClF <sub>7</sub> O <sub>3</sub> S FW 296.54	
<b>1632</b>	<b>1-(4-Chlorooctafluorobutyl)trifluoroethanesultone</b> [1244856-07-2] C <sub>6</sub> ClF <sub>11</sub> O <sub>3</sub> S FW 396.56	
<b>1633</b>	<b>1-(6-Chloroperfluorohexyl)trifluoroethanesultone</b> [1244856-02-7] C <sub>8</sub> ClF <sub>15</sub> O <sub>3</sub> S FW 496.58	
<b>1634</b>	<b>3-(2-Chloro-1,1,2-trifluoroethoxy)-1,2-propeneoxide</b> [122502-50-5] <i>bp</i> 130°C C <sub>5</sub> H <sub>6</sub> ClF <sub>3</sub> O <sub>2</sub> FW 190.55	
<b>1637</b>	<b>2-Methyl-4,4,4-trifluorobutyryl chloride</b> [136564-78-8] <i>bp</i> 115-116°C C <sub>5</sub> H <sub>5</sub> ClF <sub>3</sub> O FW 174.55 Corrosive/Moisture Sensitive	
<b>1638</b>	<b>Perfluorotetradecane</b> [307-62-0] <i>mp</i> 100-102°C <i>bp</i> 98-99°C/13 mm Hg C <sub>14</sub> F <sub>30</sub> FW 738.11 Irritant	

<b>1639</b>	<b>1H,1H,1H,2H,2H-Perfluorooctane</b> [80793-17-5] <i>bp</i> 114-116°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3 <i>d</i> 1,566 C <sub>8</sub> H <sub>5</sub> F <sub>13</sub> FW 348.11 Irritant	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_3$
<b>1640</b>	<b>1H,1H,1H,2H,2H-Perfluorodecane, 99%</b> [77117-48-7] <i>bp</i> 160-164°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,3 <i>d</i> 1,654 <i>fp</i> 58°C C <sub>10</sub> H <sub>5</sub> F <sub>17</sub> FW 448.12 Irritant	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_3$
<b>1641</b>	<b>1-Chlorononafluorobutane</b> [558-89-4] <i>bp</i> 29-30°C <i>d</i> 1,61 C <sub>4</sub> ClF <sub>9</sub> FW 254.48 Irritant	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{Cl}$
<b>1642</b>	<b>3-Chloro-1,1,1,2,2,-pentafluoropropane</b> [422-02-6] <i>bp</i> 27-28°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,292 <i>d</i> 1,395 C <sub>3</sub> H <sub>2</sub> ClF <sub>5</sub> FW 168.49 Irritant	$\text{CF}_3\text{CF}_2\text{CH}_2\text{Cl}$
<b>1643</b>	<b>1-Iodo-1H,1H-nonafluoropentane</b> [2253-14-7] <i>bp</i> 119°C C <sub>5</sub> H <sub>2</sub> F <sub>9</sub> I FW 359.96 Irritant	$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{I}$
<b>1649</b>	<b>Perfluorononanoyl fluoride</b> [558-95-2] C <sub>9</sub> F <sub>18</sub> O FW 466.07 Corrosive/Moisture Sensitive	$\text{CF}_3(\text{CF}_2)_7\text{C}(=\text{O})\text{F}$
<b>1650</b>	<b>Perfluorooctanoyl bromide, 95%</b> [222037-87-8] C <sub>8</sub> BrF <sub>15</sub> O FW 476.97 Corrosive/Moisture Sensitive	$\text{CF}_3(\text{CF}_2)_6\text{C}(=\text{O})\text{Br}$
<b>1651</b>	<b>Perfluorooctanoyl chloride, 95%</b> [335-64-8] <i>bp</i> 130-132°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,303 <i>d</i> 1,74 <i>fp</i> >110°C C <sub>8</sub> ClF <sub>15</sub> O FW 432.52 Corrosive/Moisture Sensitive	$\text{CF}_3(\text{CF}_2)_6\text{C}(=\text{O})\text{Cl}$

1652	<b>Perfluorooctanoyl fluoride, 95%</b> [335-66-0] <i>bp</i> 105-107°C $n_D^{20}$ 1,2770( $t=25^\circ\text{C}$ ) $d$ 1,7663( $t=25^\circ\text{C}$ ) $\text{C}_8\text{F}_{16}\text{O}$ FW 416.06 Corrosive/Moisture Sensitive	
1653	<b>3-Methyl-4,4,4-trifluorobutyric acid</b> [348-75-4] <i>bp</i> 90-91°C/25mm Hg $n_D^{20}$ 1,3580( $t=24^\circ\text{C}$ ) $d$ 1,5 $\text{C}_5\text{H}_7\text{F}_3\text{O}_2$ FW 156.10 Corrosive	
1656	<b>Pentafluorophenyl acrylate</b> [71195-85-2] <i>bp</i> 145-149°C $\text{C}_9\text{H}_3\text{F}_5\text{O}_2$ FW 238.11 Irritant/Keep Cold	
1657	<b>2,3,5,6-Tetrafluorophenyl acrylate</b> [101156-32-5] <i>bp</i> 46-47°C/3,5 mm Hg $\text{C}_9\text{H}_4\text{F}_4\text{O}_2$ FW 220.12 Irritant/Keep Cold	
1658	<b>4-Acetoxy-2,3,5,6-tetrafluorobenzoic acid</b> [83789-90-6] $\text{C}_9\text{H}_4\text{F}_4\text{O}_4$ FW 252.12	
1659	<b>2-Amino-1-[4-(trifluoromethyl)phenyl]propane</b> [1626-74-0] <i>bp</i> 49-50°C/0,6 mm Hg $\text{C}_{10}\text{H}_{12}\text{F}_3\text{N}$ FW 203.20	
1660	<b>3-Amino-1,1,1-trifluoropropan-2-ol hydrochloride</b> [3832-24-4] <i>mp</i> 160°C $\text{C}_3\text{H}_7\text{ClF}_3\text{NO}$ FW 165.54 Irritant	
1661	<b>Ammonium perfluorononanoate</b> [4149-60-4] $\text{C}_9\text{H}_4\text{F}_{17}\text{NO}_2$ FW 481.11 Harmful	

**1662 Benzoyl fluoride**

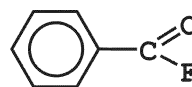
[455-32-3]

*mp* -28°C *bp* 159-161°C  $n_D^{20}$  1,496-1,498  $d$  1,15

$C_7H_5FO$

FW 124.12

Highly Toxic/Lachrymatory



**1663 Bis(trifluoroacetoxy)iodobenzene**

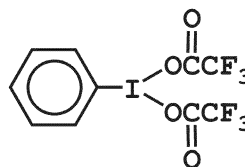
[2712-78-9]

*mp* 123-126°C

$C_{10}H_5F_6IO_4$

FW 430.04

Irritant



**1664 Bis(trifluoroacetoxy)iodopentafluorobenzene**

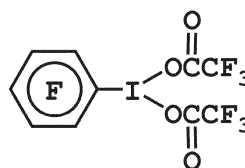
[14353-88-9]

*mp* 118-120°C

$C_{10}F_{11}IO_4$

FW 519.99

Irritant



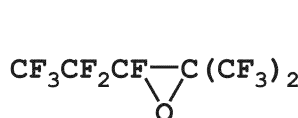
**1665 3,3-Bis(trifluoromethyl)-2-fluoro-2-(pentafluoroethyl)oxirane**

[788-67-0]

*bp* 53°C

$C_6F_{12}O$

FW 316.05



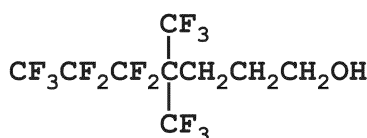
**1666 4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptan-1-ol, 95%**

[110254-90-5]

*bp* 177-178°C  $n_D^{20}$  1,3395

$C_9H_7F_{13}O$

FW 378.13

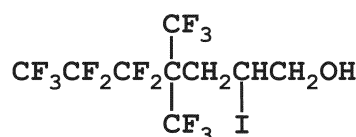


**1667 4,4-Bis(trifluoromethyl)-2-iodo-5,5,6,6,7,7,7-heptafluoroheptan-1-ol**

[1350637-03-4]

$C_9H_6F_{13}IO$

FW 504.03



**1668 2,2-Bis(trifluoromethyl)propionic acid**

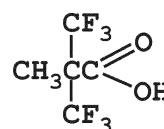
[45048-36-0]

*mp* 100-103°C *bp* 152°C  $n_D^{20}$  1,314  $d$  1,479

$C_5HF_9O_2$

FW 264.05

Corrosive/Moisture Sensitive



**1669 3-Bromobenzotrifluoride, 98%**

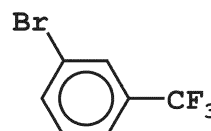
[401-78-5]

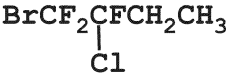
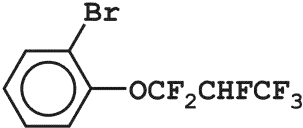
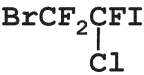
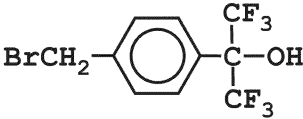
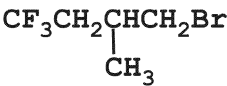
*bp* 155-156°C  $n_D^{20}$  1,472-1,474  $d$  1,62 *fp* 43°C

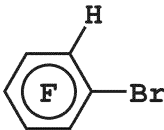
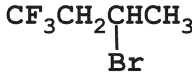
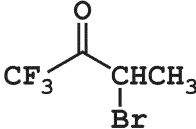
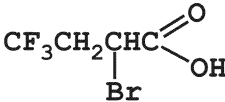
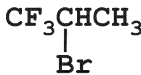
$C_7H_4BrF_3$

FW 225.01

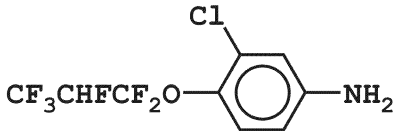
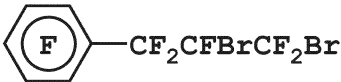
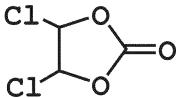
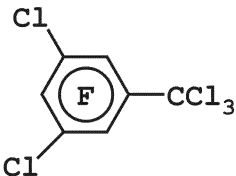
Flammable/Irritant

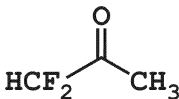





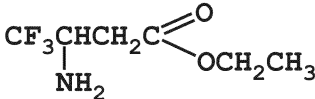


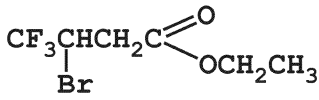
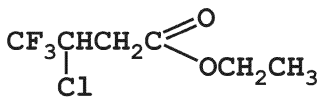
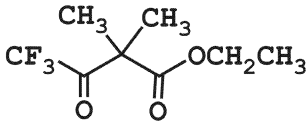
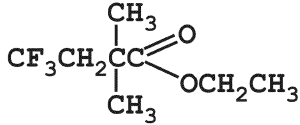
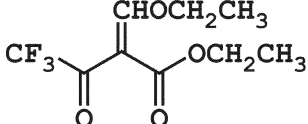
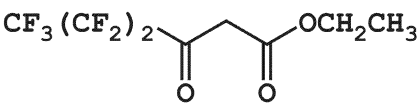
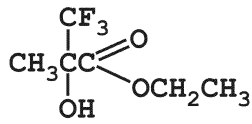
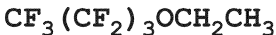
<b>1670</b>	<b>1-Bromo-2-chloro-1,1,2-trifluorobutane</b> [1081534-24-8] <i>bp</i> 52°C/754 mm Hg $C_4H_5BrClF_3$ FW 225.43 Irritant	
<b>1671</b>	<b>1-Bromo-2,2-difluoroethane (FC-142B1)</b> [359-07-9] <i>mp</i> -75°C <i>bp</i> 57°C $n_D^{20}$ 1,393-1,394( $t=10,5^\circ C$ ) $d$ 1,824 $C_2H_3BrF_2$ FW 144.95 Irritant	$HCF_2CH_2Br$
<b>1673</b>	<b>1-Bromo-2-(1,1,2,3,3,3-hexafluoropropoxy)benzene</b> [52328-77-5] <i>bp</i> 77°C/22 mm Hg $d$ 1,7 <i>fp</i> 107°C $C_9H_5BrF_6O$ FW 323.03 Irritant	
<b>1674</b>	<b>2-Bromo-1-chloro-1-iodotrifluoroethane</b> [354-54-1] <i>bp</i> 82°C/192 mm Hg $n_D^{20}$ 1,482 ( $t=25^\circ C$ ) $C_2BrClF_3I$ FW 323.28 Irritant	
<b>1675</b>	<b>1-Bromo-4-iodo-1,1,2,2-tetrafluorobutane</b> [129587-49-1] <i>fp</i> >110°C $C_4H_4BrF_4I$ FW 334.88 Irritant	$BrCF_2CF_2CH_2CH_2I$
<b>1676</b>	<b>2-[4-(Bromomethyl)phenyl]hexafluoropropan-2-ol</b> [202134-57-4] $C_{10}H_7BrF_6O$ FW 337.06 Toxic/Corrosive/Lachrymatory	
<b>1677</b>	<b>1-Bromo-2-methyl-4,4,4-trifluorobutane</b> [203302-90-3] <i>bp</i> 115-117°C $n_D^{20}$ 1,3902-1,3922 $C_5H_8BrF_3$ FW 205.02 Irritant	
<b>1678</b>	<b>3-Bromo-1,1,1,2,2-pentafluoropropane</b> [422-01-5] <i>bp</i> 46,5°C $n_D^{20}$ 1,3204 $d$ 1,756 $C_3H_2BrF_5$ FW 212.95 Irritant	$CF_3CF_2CH_2Br$

<b>1679</b>	<b>1-Bromo-2,3,4,5-tetrafluorobenzene</b> [1074-91-5] <i>bp</i> 149-150°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,466 <i>d</i> 1,846 <i>fp</i> 54°C C <sub>6</sub> HBrF <sub>4</sub> FW 228.97 Flammable/Irritant	
<b>1680</b>	<b>2-Bromotetrafluoroethyl 1,2,2,2-tetrafluoroethyl ether</b> [117382-22-6] <i>bp</i> 59-60°C C <sub>4</sub> HBrF <sub>8</sub> O FW 296.94 Corrosive	BrCF <sub>2</sub> CF <sub>2</sub> OCFHCFCF <sub>3</sub>
<b>1683</b>	<b>2-Bromo-4,4,4-trifluorobutane</b> [406-47-3] <i>bp</i> 84°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,374 <i>d</i> 1,5119 C <sub>4</sub> H <sub>6</sub> BrF <sub>3</sub> FW 190.99 Irritant	
<b>1684</b>	<b>3-Bromo-1,1,1-trifluorobutan-2-one</b> [382-01-4] <i>bp</i> 91-93°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,38 <i>d</i> 1,64 C <sub>4</sub> H <sub>4</sub> BrF <sub>3</sub> O FW 204.97 Irritant	
<b>1685</b>	<b>2-Bromo-4,4,4-trifluorobutyric acid</b> [882050-69-3] <i>bp</i> 77°C/2 mm Hg <i>n</i> <sub>D</sub> <sup>20</sup> 1,3962( <i>t</i> =23°C) <i>d</i> 1,524 C <sub>4</sub> H <sub>4</sub> BrF <sub>3</sub> O <sub>2</sub> FW 220.97 Irritant/Corrosive	
<b>1686</b>	<b>2-Bromo-1,1,1-trifluoropropane</b> [421-46-5] <i>bp</i> 48-50°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,35 <i>d</i> 1,63 C <sub>3</sub> H <sub>4</sub> BrF <sub>3</sub> FW 176.96 Irritant	
<b>1687</b>	<b>2-Bromo-3,3,3-trifluoropropan-1-ol</b> [311-86-4] <i>bp</i> 126-127°C <i>n</i> <sub>D</sub> <sup>20</sup> 1,4029 C <sub>3</sub> H <sub>4</sub> BrF <sub>3</sub> O FW 192.96 Irritant	CF <sub>3</sub> CHBrCH <sub>2</sub> OH
<b>1689</b>	<b>1-Chloro-1,1-difluoroethane (HCFC-142b)</b> [75-68-3] <i>bp</i> -9,2°C C <sub>2</sub> H <sub>3</sub> ClF <sub>2</sub> FW 100.49 Irritant	ClCF <sub>2</sub> CH <sub>3</sub>



1690	<b>2-Chloro-2,2-difluoroethanol</b> [464-00-6] <i>bp</i> 95-97°C $n_D^{20}$ 1,3585( $t=25^\circ\text{C}$ ) $\text{C}_2\text{H}_3\text{ClF}_2\text{O}$ FW 116.49 Irritant	$\text{ClCF}_2\text{CH}_2\text{OH}$
1691	<b>3-Chloro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline</b> [1100832-66-3]  $\text{C}_9\text{H}_6\text{ClF}_6\text{NO}$ FW 293.59 Irritant	
1692	<b>1-Chloro-3-iodo-1,1,2,2-tetrafluoropropane</b> [1379321-83-1]  $\text{C}_3\text{H}_2\text{ClF}_4\text{I}$ FW 276.40 Irritant	$\text{ClCF}_2\text{CF}_2\text{CH}_2\text{I}$
1693	<b>4-Chloro-1,1,1-trifluorobutane</b> [406-85-9] <i>mp</i> -67°C <i>bp</i> 86-86,6°C $n_D^{20}$ 1,3505-1,3552 $d$ 1,24 $\text{C}_4\text{H}_6\text{ClF}_3$ FW 146.53 Flammable/Irritant	$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Cl}$
1697	<b>(2,3-Dibromopentafluoropropyl)pentafluorobenzene</b> [1350637-12-5]  $\text{C}_9\text{Br}_2\text{F}_{10}$ FW 457.89 Irritant	
1698	<b>4,5-Dichloro-1,3-dioxolan-2-one</b> [3967-55-3] <i>bp</i> 178°C/739 mm Hg $n_D^{20}$ 1,463 $d$ 1,59 $\text{C}_3\text{H}_2\text{Cl}_2\text{O}_3$ FW 156.95	
1699	<b>2,2-Dichloro-2-fluoroethanol</b> [463-98-9] <i>bp</i> 60-61°C/60 mm Hg $n_D^{20}$ 1,426 $\text{C}_2\text{H}_3\text{Cl}_2\text{FO}$ FW 132.95	$\text{Cl}_2\text{CFCH}_2\text{OH}$
1700	<b>3,5-Dichloro-2,4,6-trifluorobenzotrichloride</b> [1350637-13-6]  $\text{C}_7\text{Cl}_5\text{F}_3$ FW 318.34 Irritant	

<b>1702</b>	<b>Difluoroacetic anhydride, 96%</b> [401-67-2] <i>bp</i> 125-127°C $n_D^{20}$ 1,336 $d$ 1,4 $C_4H_2F_4O_3$ FW 174.05 Corrosive	$(HCF_2CO)_2O$
<b>1703</b>	<b>1,1-Difluoroacetone</b> [431-05-0] <i>bp</i> 46°C $n_D^{20}$ 1,328 $d$ 1,16 $C_3H_4F_2O$ FW 94.06 Flammable	
<b>1706</b>	<b>1,4-Diisopropoxytetrafluorobenzene</b> [1309602-61-6] $C_{12}H_{14}F_4O_2$ FW 266.24	$(CH_3)_2CHO-$  $-OCH(CH_3)_2$
<b>1707</b>	<b>Epifluorohydrin</b> [503-09-3] <i>bp</i> 86-88°C $n_D^{20}$ 1,373 $d$ 1,09 $fp$ 4,5°C $C_3H_5FO$ FW 76.10 Flammable/Toxic	$FCH_2CH$ 
<b>1709</b>	<b>1-Ethoxy-2,3,5,6-tetrafluorobenzene</b> [42099-81-0] <i>bp</i> 157°C $C_8H_6F_4O$ FW 194.12	$H-$  $-OCH_2CH_3$
<b>1710</b>	<b>4-Ethoxy-2,3,5,6-tetrafluorobenzotrifluoride</b> [2002-99-5] <i>bp</i> 174-176°C $n_D^{20}$ 1,4042 $C_9H_5F_7O$ FW 262.13	$CF_3-$  $-OCH_2CH_3$
<b>1711</b>	<b>4-Ethoxy-2,3,5,6-tetrafluorostyrene</b> [1350637-16-9] $C_{10}H_8F_4O$ FW 220.16	$CH_2=CH-$  $-OCH_2CH_3$
<b>1712</b>	<b>Ethyl 3-amino-4,4,4-trifluorobutyrate</b> [170804-18-9] <i>bp</i> 47°C/5 mm Hg $C_6H_{10}F_3NO_2$ FW 185.15 Flammable/Irritant	$CF_3CH$ 

1713	<b>Ethyl 3-bromo-4,4,4-trifluorobutyrate</b> [372-27-0] <i>bp</i> 81-83°C/45 mm Hg $n_D^{20}$ 1,394 $d$ 1,5275 $C_6H_8BrF_3O_2$ FW 249.03	
1715	<b>Ethyl 3-chloro-4,4,4-trifluorobutyrate</b> [1309602-63-8] $C_6H_8ClF_3O_2$ FW 204.57	
1716	<b>Ethyl 2,2-dimethyl-4,4,4-trifluoroacetoacetate</b> [26717-76-0] <i>bp</i> 151-152°C $n_D^{20}$ 1,3674 $C_8H_{11}F_3O_3$ FW 212.17 Flammable/Irritant	
1717	<b>Ethyl 2,2-dimethyl-4,4,4-trifluorobutyrate</b> [885275-92-3] $C_8H_{13}F_3O_2$ FW 198.18 Flammable/Irritant	
1718	<b>Ethyl 2-(ethoxymethylene)-4,4,4-trifluoroacetoacetate</b> [571-55-1] <i>bp</i> 115-120°C/10 mm Hg $n_D^{20}$ 1,426 $d$ 1,239 $fp$ 104°C $C_9H_{11}F_3O_4$ FW 240.18 Irritant	
1719	<b>Ethyl heptafluorobutyrylacetate</b> [336-62-9] <i>bp</i> 152-155°C $n_D^{20}$ 1,355 $C_8H_7F_7O_3$ FW 284.13 Flammable/Irritant	
1720	<b>Ethyl 2-hydroxy-2-(trifluoromethyl)propionate</b> [107018-39-3] <i>bp</i> 140-142°C $n_D^{20}$ 1,3577 $C_6H_9F_3O_3$ FW 186.13 Irritant	
1721	<b>Ethyl nonafluorobutyl ether</b> [163702-05-4] <i>mp</i> -138°C <i>bp</i> 78°C $n_D^{20}$ 1,282 $d$ 1,43 $fp$ 4°C $C_6H_5F_9O$ FW 264.09 Irritant	

**1722 Ethyl (pentafluorobenzoyl)acetate**

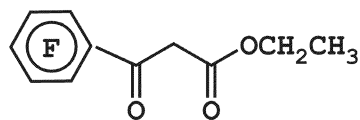
[3516-87-8]

*bp* 103–104°C/4 mm Hg  $n_D^{20}$  1,4608–1,4640  $d$  1,43 *fp* 40°C

$C_{11}H_7F_5O_3$

FW 282.17

Irritant



**1723 Ethyl (pentafluorophenoxy)acetate**

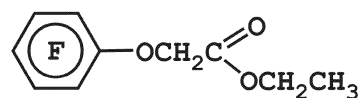
[14742-37-1]

*bp* 71°C/0,5 mm Hg  $d$  1,4

$C_{10}H_7F_5O_3$

FW 270.16

Flammable/Irritant



**1725 Ethyl 2,2,3,3-tetrafluoropropionate**

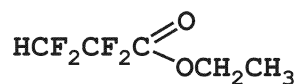
[337-82-6]

*bp* 107–109°C  $n_D^{20}$  1,331  $d$  1,28

$C_5H_6F_4O_2$

FW 174.09

Irritant



**1726 Ethyl 5,5,5-trifluoropent-2-enoate**

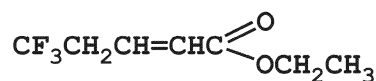
(E)[137131-12-5]

*bp* 149–151°C

$C_7H_9F_3O_2$

FW 182.14

Flammable/Irritant



**1727 1,1,1,4,4,4-Hexafluorobutan-2-one**

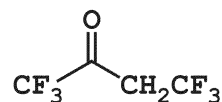
[400-49-7]

*mp* -56°C *bp* 54–55°C  $n_D^{20}$  1,282  $d$  1,556

$C_4H_2F_6O$

FW 180.05

Irritant



**1729 2-(2-Hydroxyhexafluoroisopropyl)phenol**

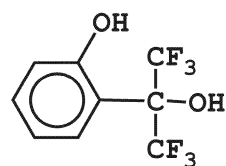
[836-78-2]

*mp* 72–77°C *bp* 106–115°C/20 mm Hg

$C_9H_6F_6O_2$

FW 230.14

Irritant



**1730 Hexafluoro-2-methylisopropyl acrylate**

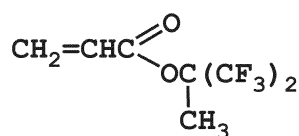
[53038-41-8]

*bp* 60–61°C/190 mm Hg

$C_7H_6F_6O_2$

FW 236.11

Irritant



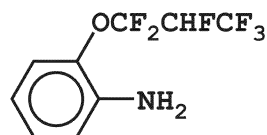
**1732 2-((1,1,2,3,3,3-Hexafluoropropoxy)aniline**

[41242-02-8]

*bp* 103–105°C/24 mm Hg

$C_9H_7F_6NO$

FW 259.15



**1733 Hexafluoro-2-(4-vinylphenyl)propan-2-ol**

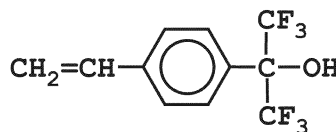
[122056-08-0]

*bp* 74-75°C/3 mm Hg *n*<sub>D</sub><sup>20</sup> 1,452(*t*=25°C)

 C<sub>11</sub>H<sub>8</sub>F<sub>6</sub>O

FW 270.17

Irritant


**1734 2-Hydroxy-2-(trifluoromethyl)-3,3,3-trifluoropropionitrile**

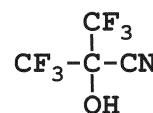
[677-77-0]

*bp* 106-108°C *n*<sub>D</sub><sup>20</sup> 1,298 *d* 1,558

 C<sub>4</sub>HF<sub>6</sub>NO

FW 193.05

Toxic/Moisture Sensitive

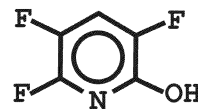

**1735 2-Hydroxy-3,5,6-trifluoropyridine**

[75777-49-0]

 C<sub>5</sub>H<sub>2</sub>F<sub>3</sub>NO

FW 149.07

Irritant


**1736 2-Iodo-1,1-difluoroethane**

[598-39-0]

*bp* 86-87°C *n*<sub>D</sub><sup>20</sup> 1,4577(*t*=25°C) *d* 2,18

 C<sub>2</sub>H<sub>3</sub>F<sub>2</sub>I

FW 191.95

Irritant

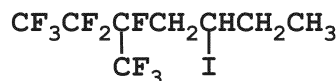

**1737 5-Iodo-1,1,1,2,2,3-hexafluoro-3-(trifluoromethyl)heptane**

[1391033-23-0]

 C<sub>8</sub>H<sub>8</sub>F<sub>9</sub>I

FW 402.04

Irritant

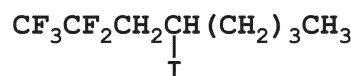

**1738 4-Iodo-1,1,1,2,2-pentafluorooctane**

[117539-28-3]

 C<sub>8</sub>H<sub>12</sub>F<sub>5</sub>I

FW 330.08

Irritant

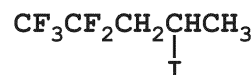

**1739 4-Iodo-1,1,2,2,2-pentafluoropentane**

[1379295-32-5]

 C<sub>5</sub>H<sub>6</sub>F<sub>5</sub>I

FW 288.00

Irritant


**1740 2-Iodo-4,4,5,5,5-pentafluoropentan-1-ol, 94%**

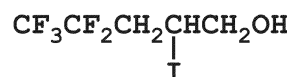
[757-06-2]

*bp* 81°C/14 mm Hg *n*<sub>D</sub><sup>20</sup> 1,431(*t*=25°C) *d* 2,036(*t*=25°C)

 C<sub>5</sub>H<sub>6</sub>F<sub>5</sub>IO

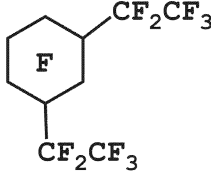
FW 304.00

Irritant

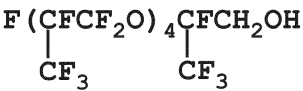
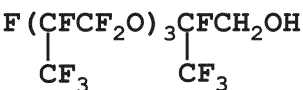
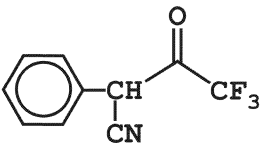


<b>1742</b>	<b>1-Iodoperfluoroheptane, 80%</b> [335-58-0] <i>mp</i> -8°C <i>bp</i> 137-138°C $n_D^{20}$ 1,328–1,339 <i>d</i> 2,01 <i>fp</i> none $C_7F_{15}I$ FW 495.95 Irritant	$CF_3(CF_2)_5CF_2I$
<b>1745</b>	<b>4-Iodo-1,1,1,2-tetrafluoro-2-(trifluoromethyl)nonane</b> [756-92-3] <i>bp</i> 78°C/10 mm Hg $n_D^{20}$ 1,4075 $C_{10}H_{17}F_7I$ FW 394.11 Irritant	$CF_3CF(CH_2CF_2)_4CH_2CH_2I$
<b>1746</b>	<b>4-Isopropoxy-2,3,5,6-tetrafluorostyrene</b> [1391033-32-1] $C_{11}H_{10}F_4O$ FW 234.19	
<b>1747</b>	<b>4-Methoxy-2,3,5,6-tetrafluorostyrene</b> [29551-55-1] $C_9H_6F_4O$ FW 206.14	
<b>1748</b>	<b>Methyl 3,3,3-trifluoro-DL-lactate</b> [93496-85-6] <i>mp</i> 59-60°C <i>bp</i> 60-64°C/20 mm Hg $C_4H_5F_3O_3$ FW 158.08 Irritant	
<b>1749</b>	<b>Methyl perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoate)</b> [133609-46-8] <i>bp</i> 70-80°C/0,1 mm Hg <i>d</i> 1,74 $C_{16}H_3F_{29}O_6$ FW 842.15 Corrosive/Irritant	$F(CF_2CF_2O)_4CFCF_2C(=O)OCH_3$
<b>1750</b>	<b>Methyl perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecanoate)</b> [39187-47-8] <i>bp</i> 193-196°C <i>d</i> 1,6 <i>fp</i> none $C_{13}H_3F_{23}O_5$ FW 676.13 Corrosive/Irritant	$F(CF_2CF_2O)_3CFCF_2C(=O)OCH_3$
<b>1752</b>	<b>Octafluoro-2-(trifluoromethyl)butan-2-ol</b> [6188-98-3] <i>bp</i> 67°C $C_5HF_{11}O$ FW 286.05 Irritant	$CF_3CF_2C(CF_3)(OH)CF_3$

<b>1753</b>	<b>Pentachloro-1,1,1-trifluoropropane (CFC-213ab)</b> [1652-89-7] <i>mp</i> -15°C <i>bp</i> 152-154°C $C_3Cl_5F_3$ FW 270.29 Flammable	$CF_3CCl_2CCl_3$
<b>1754</b>	<b>Pentachloro-1,1,2-trifluoropropane</b> [2354-05-4] <i>mp</i> -14,8°C <i>bp</i> 150-153°C $n_D^{20}$ 1,439 $d$ 1,77 $C_3Cl_5F_3$ FW 270.29	$CCl_3CF(CF_2)Cl$
<b>1755</b>	<b>3,3,4,4,4-Pentafluorobut-1-yne</b> [7096-51-7] <i>bp</i> -12°C $C_4HF_5$ FW 144.04	$CF_3CF_2C\equiv CH$
<b>1756</b>	<b>1,1,1,2,3-Pentafluorohexa-2,5-diene</b> [1730-22-9] (E)[102682-97-3] <i>bp</i> 63°C $n_D^{20}$ 1,3346 $d$ 1,2 $C_6H_5F_5$ FW 172.10 Flammable	$CF_3CF=CFCH_2CH=CH_2$
<b>1757</b>	<b>Pentafluorophenyl trifluoromethanesulfonate</b> [60129-85-3] <i>bp</i> 72-74°C/40 mm Hg $C_7F_8O_3S$ FW 316.13 Irritant	$CF_3SO_2O-C_6H_4F$
<b>1758</b>	<b>3-(Pentafluorophenyl)propionyl chloride</b> [2063-40-3] <i>mp</i> 135°C $C_9H_4ClF_5O$ FW 258.57 Corrosive/Moisture Sensitive	$CF_3-C_6H_4-CH_2CH_2C(=O)Cl$
<b>1759</b>	<b>3-(2,2,3,3,3-Pentafluoropropoxy)-1,2-propenoxide</b> [706-89-8] <i>bp</i> 144-145°C $n_D^{20}$ 1,3419 $d$ 1,3534 $C_6H_7F_5O_2$ FW 206.11 Irritant	$CF_3CF_2CH_2OCH_2CH=C(CH_2)O$
<b>1760</b>	<b>2,2,3,3-Pentafluoropropyl trifluoromethanesulfonate</b> [6401-00-9] <i>bp</i> 102-105°C $n_D^{20}$ 1,3012 $C_4H_2F_8O_3S$ FW 282.10 Corrosive/Toxic	$CF_3SO_2OCH_2CF_2CF_3$

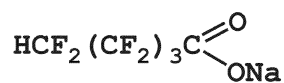
<b>1761</b>	<b>Perfluorobutanesulfonyl fluoride, 93%</b> [375-72-4] <i>bp</i> 72°C $n_D^{20}$ 1,3 $d$ 1,716 $C_4F_{10}O_2S$ FW 302.08 Corrosive/Moisture Sensitive	$CF_3(CF_2)_3SO_2F$
<b>1762</b>	<b>Perfluoro(1,3-diethylcyclohexane)</b> [335-23-9]  $C_{10}F_{20}$ FW 500.07 Irritant	
<b>1763</b>	<b>2H-Perfluoro(5,8-dimethyl-3,6,9-trioxadodecane)</b> [3330-16-3] <i>mp</i> -107°C <i>bp</i> 151-154°C $n_D^{20}$ 1,2854 $d$ 1,723 $C_{11}HF_{23}O_3$ FW 618.09 Irritant	$CF_3(CF_2)_2OCF(CF_3)CF_2OCF(CF_3)CF_2OCHF(CF_3)CF_3$
<b>1764</b>	<b>Perfluoroheptane</b> [335-57-9] <i>bp</i> 82-85°C $n_D^{20}$ 1,2618-1,265 $d$ 1,72 <i>fp</i> none $C_7F_{16}$ FW 388.05 Irritant	$CF_3(CF_2)_5CF_3$
<b>1767</b>	<b>1-(Perfluorohexyl)octadecane, 84%</b> [154628-01-0] <i>mp</i> 80-81°C $C_{24}H_{37}F_{13}$ FW 572.53 Irritant	$CF_3(CF_2)_5(CH_2)_{17}CH_3$
<b>1768</b>	<b>1-(Perfluorohexyl)octane</b> [133331-77-8] <i>mp</i> -5,2°C <i>bp</i> 223°C $n_D^{20}$ 1,343 $d$ 1,331( $t=25^\circ C$ ) <i>fp</i> 100 $C_{14}H_{17}F_{13}$ FW 432.27 Irritant	$CF_3(CF_2)_5(CH_2)_7CH_3$
<b>1769</b>	<b>Perfluoro(5-methyl-3,6-dioxanon-1-ene)</b> [1644-11-7] <i>bp</i> 103-104°C $d$ 1,69 $C_8F_{16}O_2$ FW 432.06 Irritant	$CF_3CF_2CF_2OCF(CF_3)CF_2OCF=CF_2$
<b>1770</b>	<b>Trimethyl(heptafluoropropyl)silane</b> [3834-42-2] <i>bp</i> 87-89°C $n_D^{20}$ 1,322 $d$ 1,195 <i>fp</i> -6,7°C $C_6H_9F_7Si$ FW 242.21 Irritant/Moisture Sensitive	$CF_3CF_2CF_2Si(CH_3)_3$



1771	<b>1H,1H-Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecan-1-ol)</b> [141977-66-4] <i>d</i> 1,78 <i>fp</i> none $C_{15}H_3F_{29}O_5$ FW 814.14 Irritant	$F(CF_3CF_2O)_4CFCH_2OH$ 
1772	<b>1H,1H-Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan-1-ol)</b> [14620-81-6] <i>bp</i> 70°C/1mm Hg $n_D^{20}$ 1,3069 <i>d</i> 1,7595 $C_{12}H_3F_{23}O_4$ FW 648.12 Irritant	$F(CF_3CF_2O)_3CFCH_2OH$ 
1773	<b>2-Phenyl-2-(trifluoroacetyl)acetonitrile</b> [492-16-0] <i>mp</i> 85-87°C $C_{10}H_6F_3NO$ FW 213.16 Irritant	
1774	<b>Potassium bromodifluoroacetate</b> [87189-16-0] $C_2BrF_2KO_2$ FW 213.02	$BrCF_2C(=O)OK$
1775	<b>Potassium octafluoroadipate</b> [1428-41-7] $C_6F_8K_2O_4$ FW 366.25	$KO_2C(=O)(CF_2)_4C(=O)OK$
1776	<b>Potassium (pentafluoroethyl)trifluoroborate</b> [476639-90-4] <i>mp</i> 287,3°C (decomp.) $C_2BF_8K$ FW 225.92	$K^+[CF_3CF_2BF_3]^-$
1777	<b>Potassium perfluorononanoate, 98%</b> [21049-38-7] $C_9F_{17}KO_2$ FW 502.17	$CF_3(CF_2)_7C(=O)OK$
1778	<b>Potassium (trifluoromethyl)trifluoroborate</b> [42298-15-7] $CBF_6K$ FW 175.91	$K^+[CF_3BF_3]^-$

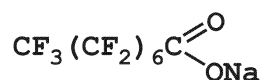
**1779 Sodium 5H-octafluoropentanoate**  
[22715-46-4]

$C_5HF_8NaO_2$   
FW 268.04



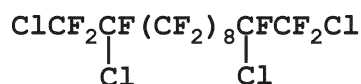
**1780 Sodium perfluorooctanoate**  
[335-95-5]

*mp* 273-275°C  
 $C_8F_{15}NaO_2$   
FW 436.05  
Irritant



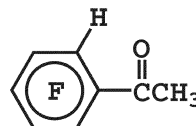
**1781 1,2,11,12-Tetrachloroperfluorododecane**  
[2263-97-0]

*mp* 68-69°C *bp* 290°C  
 $C_{12}Cl_4F_{22}$   
FW 703.91



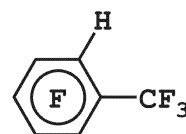
**1782 2',3',4',5'-Tetrafluoroacetophenone**  
[66286-21-3]

*bp* 83-84°C/20 mm Hg  $n_D^{20}$  1.453  $d$  1.41 *fp* 68°C  
 $C_8H_4F_4O$   
FW 192.11  
Irritant



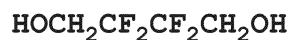
**1783 2,3,4,5-Tetrafluorobenzotrifluoride, 98%**  
[654-53-5]

*bp* 102-104°C  $n_D^{20}$  1.375 *fp* 20.5°C  
 $C_7HF_7$   
FW 218.07  
Highly Flammable/Irritant



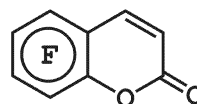
**1784 2,2,3,3-Tetrafluorobutane-1,4-diol**  
[425-61-6]

*mp* 85-87°C *bp* 110-112°C/13 mm Hg  
 $C_4H_6F_4O_2$   
FW 162.08  
Irritant Irritant



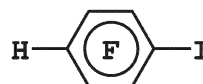
**1785 5,6,7,8-Tetrafluorocoumarin**  
[33739-04-7]

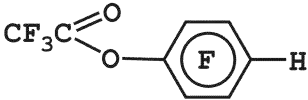
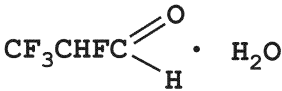

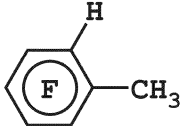
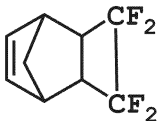
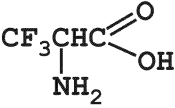
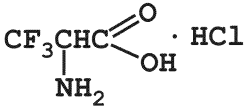
*mp* 61-62°C  
 $C_9H_2F_4O_2$   
FW 218.11

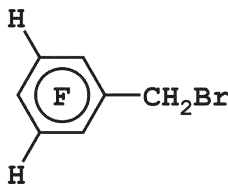


**1786 1-Iodo-2,3,5,6-tetrafluorobenzene**  
[5243-24-3]

*bp* 80°C/30 mm Hg  $d$  2.1  
 $C_6HF_4I$   
FW 275.97  
Irritant/Light Sensitive



1787	<b>2,3,5,6-Tetrafluorophenyl trifluoroacetate, 98%+</b> [142685-25-4] <i>bp</i> 180°C d 1,5 $C_8HF_7O_2$ FW 262.08 Corrosive	
1788	<b>2,3,3,3-Tetrafluoropropanal hydrate</b> component [24528-41-4] <i>mp</i> 47,9°C $C_3H_4F_4O_2$ FW 148.06 Irritant	
1791	<b>Tetrafluorosuccinodinitrile</b> [663-41-2] <i>bp</i> 11-12°C $C_4F_4N_2$ FW 152.05 Toxic	$NC(F)_2CF_2CN$
1792	<b>2,3,5,6-Tetrafluoroterephthalaldehyde</b> [3217-47-8] <i>mp</i> 131-132°C $C_8H_2F_4O_2$ FW 206.10 Air Sensitive/ Irritant	
1793	<b>2,3,4,5-Tetrafluorotoluene</b> [21622-19-5] <i>bp</i> 122°C $C_7H_4F_4$ FW 164.10 Flammable/Irritant	
1794	<b>3,3,4,4-Tetrafluorotricyclo-[4.2.1.0<sup>2,5</sup>]non-7-ene</b> [3802-76-4] <i>bp</i> 67°C/45 mm Hg $C_9H_8F_4$ FW 192.16	
1795	<b>3,3,3-Trifluoro-DL-alanine</b> [17463-43-3] <i>mp</i> 232-234°C $C_3H_4F_3NO_2$ FW 143.06 Irritant	
1796	<b>3,3,3-Trifluoro-DL-alanine hydrochloride</b> [96105-72-5] <i>mp</i> 186°C ( decomp.) $C_3H_5ClF_3NO_2$ FW 179.53 Irritant	

1798	<b>2,4,6-Trifluorobenzyl bromide</b> [151411-98-2] $n_D^{20}$ 1,502 $C_7H_4BrF_3$ FW 225.01 Corrosive/Lachrymatory	
1799	<b>1,1,1-Trifluorobutan-2-ol</b> [431-36-7] $bp$ 90-92°C $n_D^{20}$ 1,34 $d$ 1,166 $C_4H_7F_3O$ FW 128.09 Flammable	$CF_3CH(OH)CH_2CH_3$
1800	<b>4,4,4-Trifluorobutan-2-ol</b> [101054-93-7] $bp$ 96-98°C $fp$ 54°C $C_4H_7F_3O$ FW 128.09 Flammable	$CF_3CH_2CH(OH)CH_3$
1801	<b>1,1,2-Trifluorobut-1-en-4-ol</b> [97168-13-3] $bp$ 117-120°C $C_4H_5F_3O$ FW 126.08 Flammable/Irritant	$CF_2=CFCH_2CH_2OH$
1802	<b>4,4,4-Trifluorobutyl hexanoate</b> [885276-36-8] $bp$ 72-75°C/1 mm Hg $C_{10}H_{17}F_3O_2$ FW 226.24 Irritant	$CH_3(CH_2)_4C(=O)OCH_2CH_2CH_2CF_3$
1803	<b>4,4,4-Trifluorobutyl 4,4,4-trifluorobutyrate</b> [885276-39-1] $C_8H_{10}F_6O_2$ FW 252.17 Irritant	$CF_3CH_2CH_2C(=O)OCH_2CH_2CH_2CF_3$
1804	<b>4,4,4-Trifluorobutylamine hydrochloride</b> [84153-82-2] $mp$ 167-168°C $C_4H_9ClF_3N$ FW 163.57 Irritant	$CF_3CH_2CH_2CH_2NH_2 \cdot HCl$
1805	<b>1,1,1-Trifluoropropyl acetate</b> [400-37-3] $bp$ 73°C/749 mm Hg $n_D^{20}$ 1,319 $d$ 1,108( $t=25^\circ C$ ) $fp$ -8,9°C $C_5H_7F_3O_2$ FW 156.10 Flammable/Irritant	$CH_3C(=O)OCH(CF_3)CH_3$

**1807 6-Methyl-1,1,1-trifluoroheptane-2,4-dione**

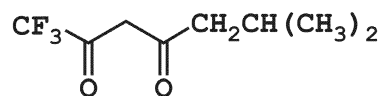
[461-92-7]

*bp* 153-154°C *n*<sub>D</sub><sup>20</sup> 1,4103 *d* 1,13

C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub>

FW 196.17

Irritant


**1809 5,5,5-Trifluoropentanoic acid**

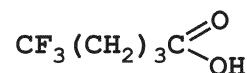
[407-62-5]

*bp* 95°C/15 mm Hg *n*<sub>D</sub> 1,3652(*t*=25°C) *d* 1,29(*t*=25°C)

C<sub>5</sub>H<sub>7</sub>F<sub>3</sub>O<sub>2</sub>

FW 156.10

Corrosive/Irritant

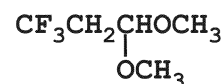

**1810 3,3,3-Trifluoropropanal dimethylacetal**

[116586-94-8]

C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>

FW 158.12

Flammable

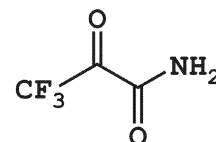

**1811 Trifluoropyruvamide**

[883500-27-4]

C<sub>3</sub>H<sub>2</sub>F<sub>3</sub>NO<sub>2</sub>

FW 141.05

Irritant


**1812 Trifluoropyruvamide hydrate**

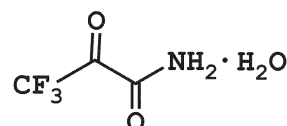
[1210756-85-6]

*mp* 118-119°C *fp* none

C<sub>3</sub>H<sub>4</sub>F<sub>3</sub>NO<sub>3</sub>

FW 159.06

Irritant


**1813 Trifluoropyruvic acid monohydrate**

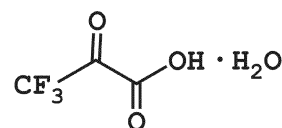
[431-72-1] [10321-14-9]

*mp* 122-125°C *fp* none

C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O<sub>4</sub>

FW 160.05

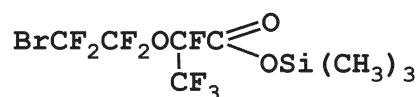
Corrosive/Irritant


**1814 Trimethylsilyl 2-(2-bromotetrafluoroethoxy)tetrafluoropropionate**

[1309602-76-3]

C<sub>8</sub>H<sub>9</sub>BrF<sub>8</sub>O<sub>3</sub>Si

FW 413.13


**1815 Trimethylsilyl trifluoroacetate**

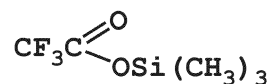
[400-53-3]

*bp* 88-90°C *n*<sub>D</sub><sup>20</sup> 1,3360-1,3394 *d* 1,07

C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>Si

FW 186.21

Flammable



**1816 Tris(difluoromethyl)-1,3,5-triazine**

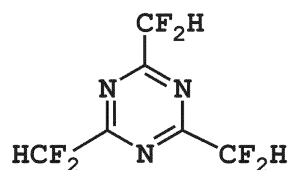
[369-22-2]

*mp* 24,5°C *bp* 72-73°C/20 mm Hg  $n_D^{20}$  1,40  $d$  1,597

$C_6H_3F_6N_3$

FW 231.10

Irritant



**1817 2,3-Epoxypropyl acrylate**

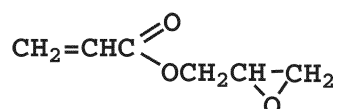
[106-90-1]

*bp* 62-65°C/5 mm Hg  $n_D^{20}$  1,449  $d$  1,099

$C_6H_8O_3$

FW 128.13

Toxic/Keep Cold

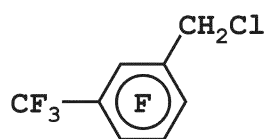


**1819 2,4,5,6-Tetrafluoro-3-(trifluoromethyl)benzyl chloride**

[1426252-00-7]

$C_8H_2ClF_7$

FW 266.55

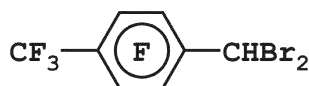


**1820 4-(Dibromomethyl)heptafluorotoluene**

[1309602-75-2]

$C_8HBr_2F_7$

FW 389.89

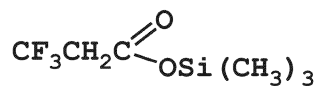


**1821 Trimethylsilyl 3,3,3-trifluoropropionate**

[1379343-44-8]

$C_6H_{11}F_3O_2Si$

FW 200.233



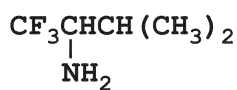
**1822 2-Amino-3-methyl-1,1,1-trifluorobutane**

[1582-18-9]

*bp* 88-90°C  $n_D^{20}$  1,3196( $t=22^\circ C$ )  $d$  1,587

$C_5H_{10}F_3N$

FW 141.14



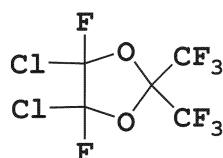
**1823 2,2-Bis(trifluoromethyl)-4,5-dichloro-4,5-difluoro-1,3-dioxolane**

[60644-92-0]

*bp* 88-90°C  $n_D^{20}$  1,3196( $t=22^\circ C$ )  $d$  1,587

$C_5Cl_2F_8O_2$

FW 314.95



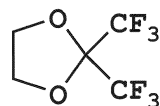
**1824 2,2-Bis(trifluoromethyl)-1,3-dioxolane**

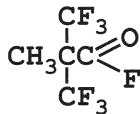
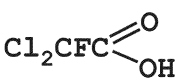
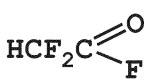
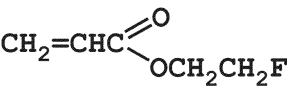
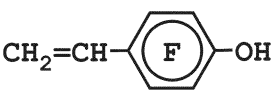
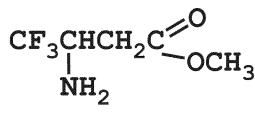
[1765-26-0]


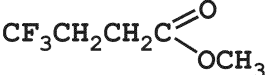
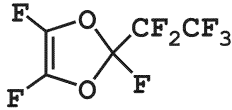
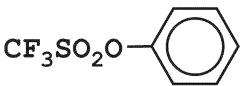
*mp* -20°C *bp* 106-108°C  $n_D^{20}$  1,312  $d$  1,53

$C_5H_4F_6O_2$

FW 210.07

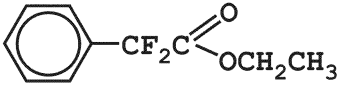


1825	<b>2,2-Bis(trifluoromethyl)propionyl fluoride</b> [1735-87-1] <i>bp</i> 45-47°C $C_5H_3F_7O$ FW 212.07	
1826	<b>Bromodifluoroacetic anhydride, 98%</b> [7601-98-1] <i>bp</i> 122-124°C $n_D^{20}$ 1.3912 ( $t=25^\circ C$ ) $C_4Br_2F_4O_3$ FW 331.84	$(BrCF_2CO)_2O$
1827	<b>Dichlorofluoroacetic acid</b> [354-19-8] <i>mp</i> -10°C <i>bp</i> 162°C $n_D^{20}$ 1.418 $C_2HCl_2FO_2$ FW 146.93	
1828	<b>Difluoroacetyl fluoride</b> [2925-22-6] <i>bp</i> 2-4°C $C_2HF_3O$ FW 98.02 Toxic/Corrosive	
1829	<b>2-Fluoroethyl acrylate</b> [141680-53-7] <i>bp</i> 50-52°C/80 mm Hg $C_5H_7FO_2$ FW 118.11 Irritant/Keep Cold	
1830	<b>Perfluoro(3-oxapent-4-ene)sulfonyl fluoride</b> [29514-94-1] <i>bp</i> 75-78°C $n_D^{20}$ 1.3014 ( $t=23^\circ C$ ) $C_4F_8O_3S$ FW 280.09	$CF_2=CFOCF_2CF_2SO_2F$
1831	<b>4-Hydroxy-2,3,5,6-tetrafluorostyrene</b> [385422-30-0] <i>mp</i> 27-34°C <i>bp</i> 69-70°C/5 mm Hg $C_8H_4F_4O$ FW 192.11	
1832	<b>Methyl 3-amino-4,4,4-trifluorobutyrate</b> [748746-28-3] <i>bp</i> 50°C/1 mm Hg $C_5H_8F_3NO_2$ FW 171.12	

1833	<b>Methyl dichlorofluoroacetate</b> [431-44-7] <i>bp</i> 116-118°C $C_3H_3Cl_2FO_2$ FW 160.96	
1834	<b>Methyl 4,4,4-trifluorobutyrate</b> [2365-82-4] <i>bp</i> 114-115°C $n_D^{20} 1.345$ ( $t=25^\circ C$ ) $C_5H_7F_3O_2$ FW 156.10	
1835	<b>Pentafluoroallyl fluorosulfate</b> [67641-28-5] <i>bp</i> 62-64°C $C_3F_6O_3S$ FW 230.09	$CF_2=CF CF_2OSO_2F$
1836	<b>Perfluoro(2-ethyl-1,3-dioxole)</b> [150622-65-4] <i>bp</i> 40°C $C_5F_8O_2$ FW 244.04	
1838	<b>1H,1H-Perfluorononyl acrylate</b> [307-87-9] <i>bp</i> 204°C/740 mm Hg $C_{12}H_5F_{17}O_2$ FW 504.14 Irritant/Keep Cold	$CH_2=CHC(=O)OCH_2(CF_2)_7CF_3$
1839	<b>Perfluorooctanesulfonic acid, 90%</b> [1763-23-1] <i>bp</i> 258-260°C $C_8HF_{17}O_3S$ FW 500.13	$CF_3(CF_2)_7SO_3H$
1840	<b>Perfluoro(2,5,8,11-tetramethyl-3,6,9,12-tetraoxapentadecanoic) acid</b> [65150-95-0] $C_{15}HF_{29}O_6$ FW 828.12	$F(CF(CF_2O))_4CF(COOH)CF_3$
1841	<b>Phenyl trifluoromethanesulfonate</b> [17763-67-6] <i>bp</i> 87-88°C/15 mm Hg $n_D^{20} 1.435$ $d 1.396$ $C_7H_5F_3O_3S$ FW 226.17 Corrosive/Lachrymatory	



<b>1842</b>	<b>Sodium dichlorofluoroacetate</b> [2837-90-3]  $\text{C}_2\text{Cl}_2\text{FNaO}_2$ FW 168.91	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHCH}_2\text{OH}$
<b>1843</b>	<b>2,3,3,3-Tetrafluoropropene</b> [754-12-1] <i>bp</i> $-28^\circ\text{C}$ $\text{C}_3\text{H}_2\text{F}_4$ FW 114.04 Gas/Irritant	$\text{CH}_2=\text{CHC}(=\text{O})\text{OCH}_2(\text{CF}_2)_7\text{CF}_2\text{H}$
<b>1844</b>	<b>2,2,3,3-Tetrafluoro-3-(trifluoromethoxy)propionic anhydride</b> [42566-65-4] <i>bp</i> $112^\circ\text{C}$ $\text{C}_8\text{F}_{14}\text{O}_5$ FW 442.06	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{NH}_2$
<b>1845</b>	<b>7,8,8,8-Tetrafluoro-7-(trifluoromethyl)octan-1-ol, 92%</b> [220469-13-6]  $\text{C}_9\text{H}_{13}\text{F}_7\text{O}$ FW 270.19	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}(\text{O})\text{CH}_2$
<b>1846</b>	<b>(1Z)-2,2,2-Trifluoro-N'-hydroxyethanimidamide</b> [4314-35-6] <i>mp</i> $36-38^\circ\text{C}$ <i>bp</i> $62^\circ\text{C}/10\text{ mm Hg}$ $\text{C}_2\text{H}_3\text{F}_3\text{NO}$ FW 128.05	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{C}(=\text{O})\text{H}$
<b>1847</b>	<b>4-Trifluoroacetylbenzoyl chloride</b> [58808-60-9] <i>bp</i> $105-107^\circ\text{C}$ $n_D^{20}$ 1,4909 $\text{C}_9\text{H}_4\text{ClF}_3\text{O}_2$ FW 236.58	$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{H}$
<b>1848</b>	<b>2,2,2-Trifluoroethanesulfonyl chloride</b> [1648-99-3] <i>bp</i> $64-67^\circ\text{C}/45\text{ mm Hg}$ $n_D^{20}$ 1,387–1,389 $d$ 1,65 $\text{C}_2\text{H}_2\text{ClF}_3\text{O}_2\text{S}$ FW 182.54 Corrosive/Lachrymatory	$\text{CF}_3\text{CH}_2\text{SO}_2\text{Cl}$
<b>1849</b>	<b>11-Fluorosulfonylperfluoro(2,5,8-trimethyl-3,6,9-trioxaundecanoyl) fluoride</b> [4628-44-8]  $\text{C}_{11}\text{F}_{22}\text{O}_6\text{S}$ FW 678.14	$\text{CF}_3(\text{CF}_2)_7\text{SO}_2\text{F}$

1850	<b>Tris(1H,1H,5H-octafluoropentyl)phosphate</b> [355-86-2] <i>bp</i> 151-154°C/2 mm Hg $n_D^{20}$ 1,3342 $d$ 1,77 $C_{15}H_9F_{24}PO_4$ FW 740.17	$[HCF_2(CF_2)_3CH_2O]_3PO$
1851	<b>4,4,5,5,5-Pentafluoropent-2-en-1-ol, 94%</b> [148757-93-1] <i>bp</i> 133-134°C $n_D$ 1,3439( $t=25^\circ C$ ) $C_5H_5F_5O$ FW 176.086	$CF_3CF_2CH=CHCH_2OH$
1852	<b>Heptafluorobutanal methyl hemiacetal</b> [377-52-6] <i>bp</i> 97-100°C $n_D$ 1,314( $t=25^\circ C$ ) $C_5H_5F_7O_2$ FW 230.08	$CF_3CF_2CF_2CH(OH)OCH_3$
1853	<b>Ethyl 2,2-difluoro-2-phenylacetate</b> [2248-46-6] <i>bp</i> 110-115°C/ 25 mm Hg $C_{10}H_{10}F_2O_2$ FW 200.19 Irritant	
1854	<b>2,2,3,3-Tetrafluoro-3-methoxypropionate</b> [755-73-7] <i>bp</i> 159°C $n_D^{20}$ 1,3327 $d$ 1,331 $fp$ 48°C $C_5H_6F_4O_3$ FW 190.09 Irritant	$CH_3OCF_2CF_2C(=O)OCH_3$
1855	<b>Potassium 2,2,3,4,4,4-hexafluorobutyrate</b> [1309602-83-2] $C_4HF_4KO_2$ FW 234.14	$CF_3CHF CF_2C(=O)OK$
1857	<b>Perfluorononanenitrile</b> [82416-71-5] <i>bp</i> 115°C $C_9F_{17}N$ FW 445.08 Irritant	$CF_3(CF_2)_7CN$
1858	<b>1-Bromo-5-fluoropentane</b> [407-97-6] <i>bp</i> 162°C $n_D$ 1,4406-1,4414 ( $t=25^\circ C$ ) $d$ 1,3604 $C_5H_{10}BrF$ FW 169.04	$BrCH_2(CH_2)_3CH_2F$

<b>1860</b>	<b>(Difluoromethyl)trimethylsilane</b> [65864-64-4] <i>bp</i> 65-66°C $n_D^{20}$ 1,3567( $t=22^\circ\text{C}$ ) $\text{C}_4\text{H}_{10}\text{F}_2\text{Si}$ FW 124.20 Flammable/Irritant/Moisture Sensitive	$\text{HCF}_2\text{Si}(\text{CH}_3)_3$
<b>1861</b>	<b>3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butanoic acid</b> [773869-22-0] <i>bp</i> 134-136°C $\text{C}_5\text{H}_3\text{F}_7\text{O}_2$ FW 228.06 Corrosive/Irritant	$\text{CF}_3\text{C}(\text{CF}_3)\text{CH}_2\text{COOH}$
<b>1862</b>	<b>2,2,3,3,4,4-Hexafluorobutan-1-ol</b> [60838-59-7] <i>bp</i> 69°C/70 mm Hg $n_D^{20}$ 1,3208 $d$ 1,6149 $\text{C}_4\text{H}_4\text{F}_6\text{O}$ FW 182.07 Irritant	$\text{HCF}_2\text{CF}_2\text{CF}_2\text{CH}_2\text{OH}$
<b>1863</b>	<b>2,2,3,3,4,4-Hexafluorobutyric acid</b> [679-12-9] <i>bp</i> 151-153°C $n_D^{20}$ 1,3195 $\text{C}_4\text{H}_2\text{F}_6\text{O}_2$ FW 196.05 Corrosive/Irritant	$\text{HCF}_2\text{CF}_2\text{CF}_2\text{COOH}$
<b>1864</b>	<b>Methyl 2,2,3,3,4,4-hexafluorobutyrate</b> [356-32-1] <i>bp</i> 113-115°C $n_D^{20}$ 1,3195 $\text{C}_5\text{H}_4\text{F}_6\text{O}_2$ FW 210.07	$\text{HCF}_2\text{CF}_2\text{CF}_2\text{COOCH}_3$
<b>1865</b>	<b>1-Bromo-1,1,2,2-tetrafluorobutane</b> [127117-30-0] <i>bp</i> 68°C $n_D^{20}$ 1,3475( $t=24^\circ\text{C}$ ) $\text{C}_4\text{H}_5\text{BrF}_4$ FW 208.98	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_3$
<b>1866</b>	<b>1-Bromo-1,1,2,2-tetrafluorohexane</b> [151831-45-7] <i>bp</i> 122-124°C $\text{C}_6\text{H}_9\text{BrF}_4$ FW 237.03	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$
<b>1867</b>	<b>1-Bromo-1,1,2,2-tetrafluoroheptane</b> [1445995-85-6] $\text{C}_7\text{H}_{11}\text{BrF}_4$ FW 251.06	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$

**1869 4-(Hexafluoro-2-hydroxyisopropyl)benzoic acid**

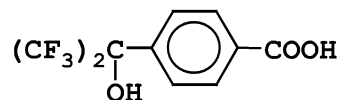
[16261-80-6]

*mp* 123-126°C

C<sub>10</sub>H<sub>6</sub>F<sub>6</sub>O<sub>3</sub>

FW 288.15

Irritant



**1870 2-Fluorobutane**

[359-01-3]

*mp* -121°C *bp* 24-26°C *n*<sub>D</sub><sup>20</sup> 1,3299 *d* 0,77(*t*=15°C)

C<sub>4</sub>H<sub>9</sub>F

FW 76.11



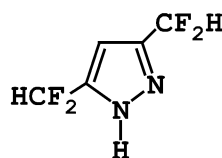
**1871 3,5-Bis(difluoromethyl)-1H-pyrazole**

[77614-79-0]

*mp* 70-71°C *bp* 89-91°C /1 mm Hg

C<sub>5</sub>H<sub>4</sub>F<sub>4</sub>N<sub>2</sub>

FW 168.09

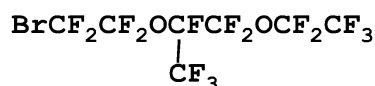


**1872 1-Bromoperfluoro(4-methyl-3,6-dioxaoctane)**

[1482416-44-3]

C<sub>7</sub>BrF<sub>15</sub>O<sub>2</sub>

FW 480.95



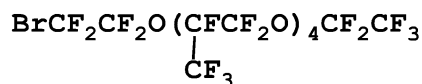
**1873 1-Bromoperfluoro(4,7,10,13-tetramethyl-3,6,9,12,15-pentaoxaheptadecane)**

[1482416-52-3]

*bp* 75°C /1 mm Hg

C<sub>16</sub>BrF<sub>33</sub>O<sub>5</sub>

FW 979.02



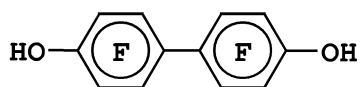
**1874 4,4'-Di(hydroxy)octafluorobiphenyl**

[2200-70-6]

*mp* 210-215°C

C<sub>12</sub>H<sub>2</sub>F<sub>8</sub>O<sub>2</sub>

FW 330.13



**1875 1,1,2,3,3,3-Hexafluoropropyl difluoromethyl ether**

[56860-85-6]

*bp* 47-48°C *d* 1,536

C<sub>4</sub>H<sub>2</sub>F<sub>8</sub>O

FW 218.05



**1876 (Dichloromethyl)pentafluorobenzene**

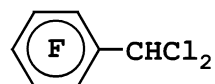
[652-30-2]

*bp* 175-177°C *d* 1,4631

C<sub>7</sub>HC<sub>12</sub>F<sub>5</sub>

FW 250.98

Corrosive/Lachrymatory



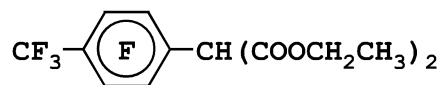
**1877 Diethyl 4-(trifluoromethyl)tetrafluorophenylmalonate,**

[55810-48-5]

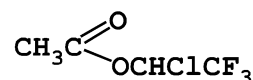
*bp* 122-125°C/5 mm Hg  $n_D^{20}$  1,4272

 $C_{14}H_{11}F_7O_4$ 

FW 376.23


**1878 1-Chloro-2,2,2-trifluoroethyl acetate**
 $C_4H_4ClF_3O_2$ 

FW 176.52

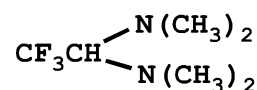

**1879 1,1-Bis(dimethylamino)-2,2,2-trifluoroethane**

[188429-64-3]

*bp* 92-93°C

 $C_6H_{13}F_3N_2$ 

FW 170.18

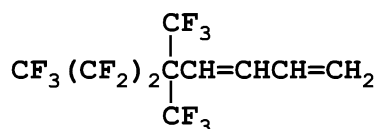

**1880 5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluoroocta-1,3-diene**

[1429188-77-1]

*bp* 146-147°C  $n_D^{20}$  1,3403

 $C_{10}H_5F_{13}$ 

FW 372.13

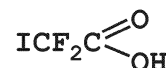

**1883 Iododifluoroacetic acid**

[1032021-83-2]

*mp* 92°C *bp* 82-87°C/45 mm Hg

 $C_2HF_2IO_2$ 

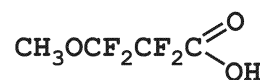
FW 221.93


**1884 3-(Methoxy)tetrafluoropropionic acid, 90%**

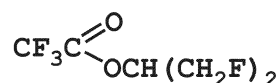
[93449-21-9]

 $C_4H_4F_4O_3$ 

FW 176.07


**1885 1,3-Difluoroprop-2-yl trifluoroacetate**
 $C_5H_5F_5O_2$ 

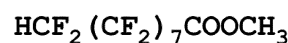
FW 192.08


**1886 Methyl 9H-perfluorononanoate, 89%**

[84207-08-9]

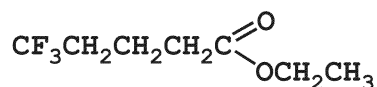
 $C_{10}H_4F_{16}O_2$ 

FW 460.11



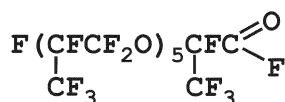
**1887 Ethyl 5,5,5-trifluoropentanoate, 80%**  
[217186-74-8]

$C_7H_{11}F_3O_2$   
FW 184.16



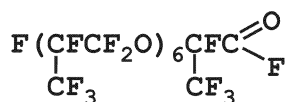
**1888 Perfluoro-2,5,8,11,14-pentamethyl-3,6,9,12,15-pentaoxaoctadecanoyl fluoride, 96%**  
[13252-15-8]

*bp* 231-235°C *d* 1,8 *fp* none  
 $C_{18}F_{36}O_6$   
FW 996.13



**1889 Perfluoro-2,5,8,11,14,17-hexamethyl-3,6,9,12,15,18-hexaoxaheneicosanoyl fluoride, 94%**  
[13140-24-4]

*bp* 102-103°C/0,9 mm Hg *d* 1,8 *fp* none  
 $C_{21}F_{42}O_7$   
FW 1116.15



**1890 N,N-Dimethyl-1,1,2,2-tetrafluoroethylamine**  
[1550-50-1]

*bp* 77°C *d* 1,24  
 $C_4H_7F_4N$   
FW 145.10

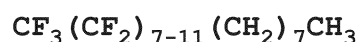


**1891 Perfluoro(diethylmethylamine)**  
[758-48-5]

*bp* 45-47°C *n<sub>D</sub>* 1,253(*t*=25°C) *d* 1,79(*t*=25°C)  
 $C_5F_{13}N$   
FW 321.04

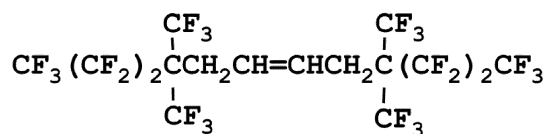


**1892 Perfluoro[C8-C12]alkyloctane, 82%**



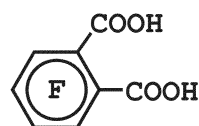
**1893 5H,5H,6H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodec-6-ene)**

$C_{16}H_6F_{26}$   
FW 692.18



**1894 Tetrafluorophthalic acid**  
[652-03-9]

*mp* 150-155°C  
 $C_8H_2F_4O_4$   
FW 238.09



**1895 Potassium tetrafluoroterephthalate**

[1188371-11-0]

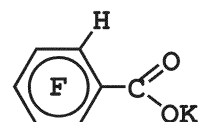
$C_8F_4K_2O_4$   
FW 314.27



**1896 Potassium 2,3,4,5-tetrafluorobenzoate**

[1562541-14-3]

$C_7HF_4KO_2$   
FW 232.17

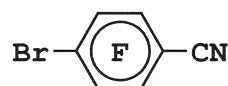


**1897 4-Bromotetrafluorobenzonitrile, 98%**

[17823-40-4]

*mp* 77-79°C

$C_7BrF_4N$   
FW 253.98  
Irritant

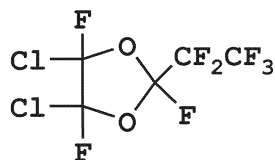


**1898 2-Pentafluoroethyl-4,5-dichloro-2,4,5-trifluoro-1,3-dioxolane, 94%**

[124699-32-7]

*bp* 80-81°C

$C_5Cl_2F_8O_2$   
FW 314.95

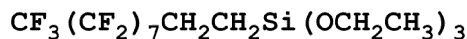


**1900 1H,1H,2H,2H-Perfluorodecyltriethoxysilane**

[101947-16-4]

*bp* 103-104°C/3 mm Hg  $n_D^{20}$  1,342  $d$  1,407

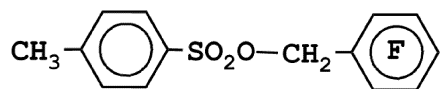
$C_{16}H_{19}F_{17}O_3Si$   
FW 610.38



**1901 2,3,4,5,6-Pentafluorobenzyl p-toluenesulfonate**

[32974-36-8]

$C_{14}H_9F_5O_3S$   
FW 352.28



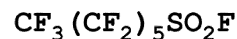
**1902 Perfluorohexanesulfonyl fluoride, 93%**

[423-50-7]

*bp* 110°C  $n_D$  1,292( $t=25^\circ C$ ) *fp* none

$C_6F_{14}O_2S$   
FW 402.11

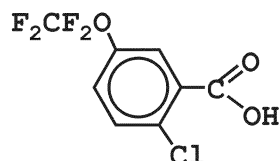
Corrosive/Irritant



**1903 2-Chloro-5-(1,1,2,2-tetrafluoroethoxy)phenylacetic acid, 98%**

[1309602-07-0]

$C_{10}H_7ClF_4O_3$   
FW 286.61



---

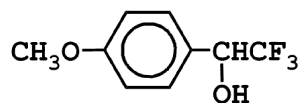
**1904 1-(4-Methoxyphenyl)-2,2,2-trifluoroethanol, 90%**

[17556-42-2]

*bp* 89-90°C/1 mm Hg  $n_D^{20}$  1,478-1,482

C<sub>9</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>

FW 206.16




---

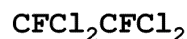
**1905 1,2-Difluorotetrachloroethane**

[76-12-0]

*mp* 23,8°C *bp* 92,8°C  $n_D$  1,413(*t*=25°C) *d* 1,634(*t*=30°C)

C<sub>2</sub>Cl<sub>4</sub>F<sub>2</sub>

FW 203.83




---

**1906 1,2-Dibromo-3,3,4,4,4-pentafluorobut-1-ene, 96%**

C<sub>4</sub>HBr<sub>2</sub>F<sub>5</sub>

FW 303.85




---

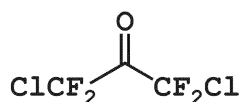
**1907 1,3-Dichlorotetrafluoroacetone**

[127-21-9]

*bp* 44-45°C  $n_D^{20}$  1,33 *d* 1,52

C<sub>3</sub>Cl<sub>2</sub>F<sub>4</sub>O

FW 198.93




---

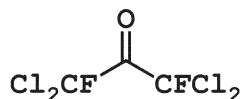
**1908 1,3-Difluorotetrachloroacetone**

[79-51-6]

*bp* 123-125°C

C<sub>3</sub>Cl<sub>4</sub>F<sub>2</sub>O

FW 231.84




---

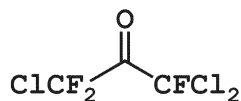
**1909 1,1,3-Trichloro-1,3,3-trifluoroacetone**

[79-52-7]

*bp* 84-85°C  $n_D^{20}$  1,386

C<sub>3</sub>Cl<sub>3</sub>F<sub>3</sub>O

FW 215.39




---

**1910 Pentafluoropropionaldehyde ethyl hemiacetal (tech.)**

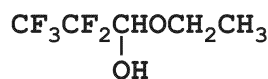
[337-28-0]

*bp* 103°C  $n_D^{20}$  1,3302

C<sub>5</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub>

FW 194.10

Flammable/Harmful




---

**1911 Heptafluorobutanal ethyl hemiacetal**

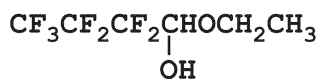
[356-26-3]

*bp* 106°C  $n_D^{20}$  1,3245 *d* 1,411

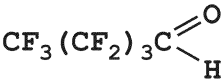
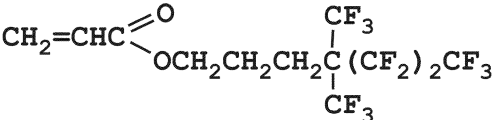
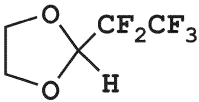
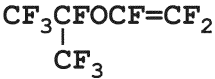
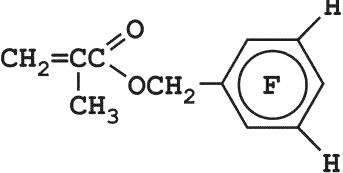
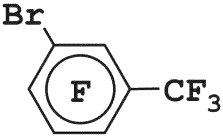
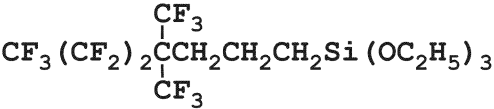
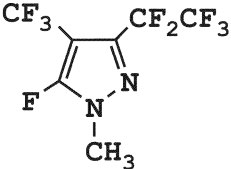
C<sub>6</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub>

FW 244.11

Flammable/Harmful





1912	<b>Perfluoropentanal</b> [375-53-1] <i>bp</i> 48-50°C C <sub>5</sub> HF <sub>9</sub> O FW 248.05 Air Sensitive/Irritant	
1914	<b>4,4-Bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl acrylate</b> [746180-23-4] C <sub>13</sub> H <sub>11</sub> F <sub>13</sub> O <sub>2</sub> FW 446.21	
1915	<b>2-Pentafluoroethyl-1,3-dioxolane</b> [150624-30-9] <i>bp</i> 106°C <i>n</i> <sub>D</sub> 1,3254 C <sub>5</sub> H <sub>5</sub> F <sub>5</sub> O <sub>2</sub> FW 192.08	
1916	<b>Perfluoro(isopropyl vinyl)ether</b> [10372-98-2] <i>bp</i> 35°C <i>n</i> <sub>D</sub> 1,2570( <i>t</i> =21°C) C <sub>5</sub> F <sub>10</sub> O FW 266.04	
1917	<b>2,4,6-Trifluorobenzyl methacrylate</b> C <sub>11</sub> H <sub>9</sub> F <sub>3</sub> O <sub>2</sub> FW 230.18	
1918	<b>3-Bromo-2,4,5,6-tetrafluorobenzotrifluoride, 96%</b> [5360-80-5] [113601-46-0] <i>bp</i> 153-154°C <i>n</i> <sub>D</sub> 1,4270( <i>t</i> =24°C) C <sub>7</sub> BrF <sub>7</sub> FW 296.97	
1919	<b>Triethoxy[4,4-bis(trifluoromethyl)-5,5,6,6,7,7,7-heptafluoroheptyl]silane</b> [130676-81-2] <i>bp</i> 110°C C <sub>15</sub> H <sub>21</sub> F <sub>13</sub> O <sub>3</sub> Si FW 524.39	
1920	<b>5-Fluoro-1-methyl-3-pentafluoroethyl-4-trifluoromethyl-1H-pyrazole</b> [104315-28-8] <i>bp</i> 62-67°C /12 mm Hg C <sub>7</sub> H <sub>3</sub> F <sub>9</sub> N <sub>2</sub> FW 286.10	

---

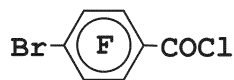
**1921 4-Bromo-2,3,5,6-tetrafluorobenzoyl chloride**

[122033-54-9]

*bp* 110°C/10 mm Hg  $n_D^{20}$  1,5150-1,5190

C<sub>7</sub>BrClF<sub>4</sub>

FW 291.43




---

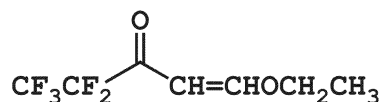
**1923 (1E)-1-Ethoxy-4,4,5,5,5-pentafluoropent-1-en-3-one**

[184783-32-2] (E)[170118-60-2]

*bp* 180°C  $n_D$  1,3867(*t*=22°C)

C<sub>7</sub>H<sub>7</sub>F<sub>5</sub>O<sub>2</sub>

FW 218.18




---

**1924 1-Fluoro-3-iodopropane**

[462-40-8]

*bp* 128-131°C  $n_D$  1,4949(*t*=22°C)

C<sub>3</sub>H<sub>6</sub>FI

FW 187.98




---

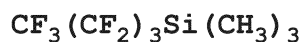
**1925 Trimethyl(nonafluorobutyl)silane**

[204316-01-8]

*bp* 99-100 °C  $n_D$  1,3227(*t*=21°C)

C<sub>7</sub>H<sub>9</sub>F<sub>9</sub>Si

FW 292.22




---

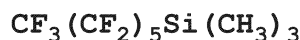
**1926 Trimethyl(perfluorohexyl)silane**

[135841-49-5]

*bp* 135°C  $n_D$  1,3215(*t*=21°C)

C<sub>9</sub>H<sub>9</sub>F<sub>13</sub>Si

FW 392.23




---

**1927 Perfluoro(2,3-dimethylbutan-2-ol), 96%**

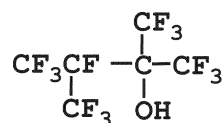
[16500-37-1]

*bp* 91-92°C  $n_D$  1,2876(*t*=20,5°C) *d* 1,8-1,9

C<sub>6</sub>HF<sub>13</sub>O

FW 336.05

Irritant




---

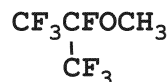
**1928 Heptafluoroisopropyl methyl ether**

[22052-84-2]

*mp* -107°C *bp* 28-30°C  $n_D$  1,2560(*t*=23°C) *d* 1,42(*t*=23°C)

C<sub>4</sub>H<sub>3</sub>F<sub>7</sub>O

FW 200.05




---

**1930 Trimethylsilyl 2-(fluorosulfonyl)difluoroacetate**

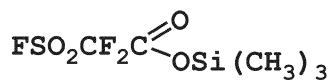
[120801-75-4]

*bp* 156°C *fp* 26

C<sub>5</sub>H<sub>9</sub>F<sub>3</sub>O<sub>4</sub>SSi

FW 250.27

Corrosive/Flammable/Moisture Sensitive/Keep Cold



1931	Trimethyl(perfluoro-1,1,2-trimethyl-3-oxahexyloxy)silane	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOSi}(\text{CH}_3)_3$ $\begin{array}{c} \text{CF}_3 \\   \\ \text{F}_3\text{C} \quad \text{CF}_3 \end{array}$
	$\text{C}_{11}\text{H}_9\text{F}_{17}\text{O}_2\text{Si}$ FW 524.25	
1932	Triethoxy[5,5-bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluorooctyl]silane	$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{Si}(\text{OCH}_2\text{CH}_3)_3$
	<i>bp</i> 130-132°C $\text{C}_{16}\text{H}_{23}\text{F}_{13}\text{O}_3\text{Si}$ FW 538.42	
1933	(3,3,3-Trifluoropropyl)methyldichlorosilane	$\text{CF}_3\text{CH}_2\text{CH}_2\text{Si}(\text{CH}_3)(\text{Cl})_2$
	[675-62-7] <i>bp</i> 121-123°C $n_D^{20}$ 1,383-1,385 $d$ 1,26-1,27 $\text{C}_4\text{H}_7\text{Cl}_2\text{F}_3\text{Si}$ FW 211.09	
1934	1,1,1,2,2,3,3,4,4,5,5,6-Tridecafluoro-9-iodononane, 95%+	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{CH}_2\text{I}$
	[89889-20-3] <i>bp</i> 83-85°C/12 mm Hg $n_D^{20}$ 1,3662 $\text{C}_9\text{H}_6\text{F}_{13}\text{I}$ FW 488.02	
1935	Potassium bis-nonafluoro-1-butanefulfonimide,	$\text{CF}_3(\text{CF}_2)_3\text{SO}_2\text{N}^-\text{SO}_2(\text{CF}_2)_3\text{CF}_3$ $\text{K}^+$
	[129135-87-1] <i>mp</i> 340-343°C (decomp.) $\text{C}_8\text{F}_{18}\text{KNO}_4\text{S}_2$ FW 619.29	
1936	Trimethylsilyl bromodifluoroacetate	$\text{BrCF}_2\text{C}(=\text{O})\text{OSi}(\text{CH}_3)_3$
	$\text{C}_5\text{H}_9\text{BrF}_2\text{O}_2\text{Si}$ FW 247.11	
1937	Trimethylsilyl 2,3,4,5-tetrafluorobenzoate	$\text{C}_6\text{F}_4\text{HCO}_2\text{Si}(\text{CH}_3)_3$
	[1616373-58-0] $\text{C}_{10}\text{H}_9\text{F}_4\text{O}_2\text{Si}$ FW 266.26	
1938	1,2-Diisopropoxytetrafluorobenzene	$\text{C}_6\text{F}_4(\text{OCH}(\text{CH}_3)_2)_2$
	$\text{C}_{12}\text{H}_{14}\text{F}_4\text{O}_2$ FW 266.23	

**1939 1,1,1-Trifluoro-5-methoxy-5-methylhexane-2,4-dione**

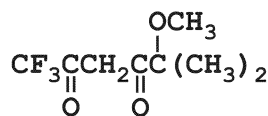
[146195-65-5]

*bp* 84-85°C/70 mm Hg *n*<sub>D</sub><sup>20</sup> 1,408

C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>O<sub>3</sub>

FW 212.17

Irritant



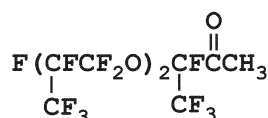
**1940 Methyl perfluoro(1,4-dimethyl-2,5-dioxaoctyl) ketone, 92%**

[107368-61-6]

*bp* 149-151°C *d* 1,6-1,7

C<sub>10</sub>H<sub>3</sub>F<sub>17</sub>O<sub>3</sub>

FW 494.10



**1941 2,2'-Dibromooctafluorobiphenyl**

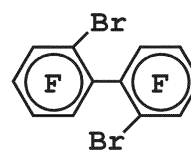
[5576-19-2]

*mp* 98-99°C

C<sub>12</sub>Br<sub>2</sub>F<sub>8</sub>

FW 455.93

Irritant

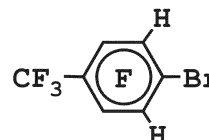


**1942 4-Bromo-2,6-difluorobenzotrifluoride, 94%**

[156243-64-0]

C<sub>7</sub>H<sub>2</sub>BrF<sub>5</sub>

FW 260.99



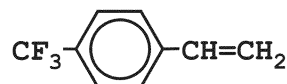
**1943 4-(Trifluoromethyl)styrene**

[402-50-6]

*bp* 78-80°C/20 mm Hg *n*<sub>D</sub> 1,465-1,467 *d* 1,165

C<sub>9</sub>H<sub>7</sub>F<sub>3</sub>

FW 172.15



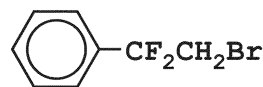
**1944 (2-Bromo-1,1-difluoroethyl)benzene**

[108661-89-8]

*bp* 63-65°C/5 mm Hg *n*<sub>D</sub> 1,5126-1,5131 *d* 1,53

C<sub>8</sub>H<sub>7</sub>BrF<sub>2</sub>

FW 221.04



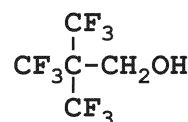
**1945 2,2-Bis(trifluoromethyl)-3,3,3-trifluoropropan-1-ol, 95%**

[14117-17-0]

*mp* 100°C

C<sub>5</sub>H<sub>3</sub>F<sub>9</sub>O

FW 250.06

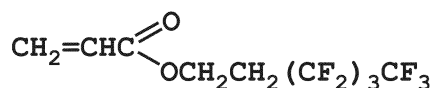


**1946 1H,1H,2H,2H-Nonafluorohexyl acrylate**

[52591-27-2]

C<sub>9</sub>H<sub>7</sub>F<sub>9</sub>O<sub>2</sub>

FW 318.14



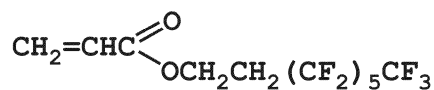
**1947 1H,1H,2H,2H-Perfluorooctyl acrylate**

[17527-29-6]

*bp* 76–80°C/8 mm Hg *n<sub>D</sub>* 1,338 *d* 1,554

 $C_{11}H_7F_{13}O_2$ 

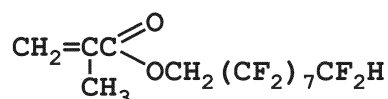
FW 418.15


**1948 1H,1H,9H-Perfluorononyl methacrylate, 94%**

[1841-46-9]

 $C_{13}H_9F_{16}O_2$ 

FW 500.18

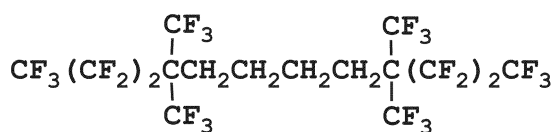

**1949 5H,5H,6H,6H,7H,7H,8H,8H-Perfluoro(4,4,9,9-tetramethyldodecane)**

[123629-51-6]

*mp* 38–40°C

 $C_{16}H_8F_{26}$ 

FW 694.20

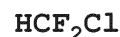

**1950 Chlorodifluoromethane (Freon 22)**

[75-45-6]

*mp* -160°C *bp* -41°C *fp* none

 $CHCl_2F$ 

FW 86.47

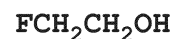

**1951 2-Fluoroethanol**

[354-41-6]

*bp* 102–104°C *n<sub>D</sub>* 1,3633–1,3647(*t*=25°C) *d* 1,1

 $C_2H_5FO$ 

FW 64.06

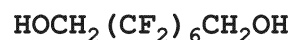

**1952 1H,1H,8H,8H-Perfluorooctane-1,8-diol**

[90177-96-1]

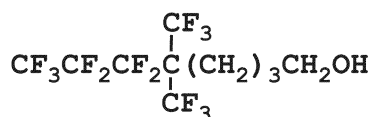
*mp* 80–83°C *bp* >250°C

 $C_8H_6F_{12}O_2$ 

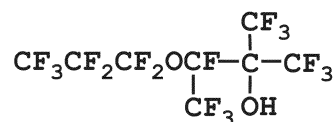
FW 362.11


**1953 5,5-Bis(trifluoromethyl)-6,6,7,7,8,8,8-heptafluorooctan-1-ol, 99%**
 $C_{10}H_9F_{13}O$ 

FW 392.16


**1954 Perfluoro(1,1,2-trimethyl-3-oxahexan-1-ol)**
 $C_8HF_{17}O_2$ 

FW 452.07



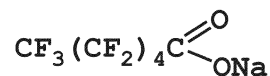
1955	<b>1,1,1,3,3-Pentafluoropropan-2-ol</b> [1814-89-7] <i>bp</i> 81°C $C_3H_3F_5O$ FW 150.05	$\begin{array}{c} CF_3CHCF_2H \\   \\ OH \end{array}$
1956	<b>1-Iodo-1,1,2,2-tetrafluoroethane, 98%</b> [354-41-6] <i>bp</i> 41-42°C $C_2HF_4I$ FW 227.93	$HCF_2CF_2I$
1957	<b>Potassium 5H-octafluoropentanoate</b> [22715-47-5] $C_5HF_8KO_2$ FW 284.15	$HCF_2(CF_2)_3C(=O)OK$
1958	<b>2,4,4,5,5-Pentafluoro-2-trifluoromethyl-3-oxathiolane-1,1-dioxide</b> [26954-17-6] $C_4F_8O_3S$ FW 280.09	$\begin{array}{c} F_2C-O \\   \quad \diagup \\ F_2C-S-CF-CF_3 \\    \quad \diagdown \\ O \quad O \end{array}$
1959	<b>Chlorofluoromethane (Freon-31)</b> [593-70-4] <i>mp</i> -133°C <i>bp</i> -9,1°C $CH_2ClF$ FW 68.48	$H_2CFC1$
1960	<b>2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)</b> [306-83-2] <i>mp</i> -107°C <i>bp</i> 1,475°C/15 mm Hg $C_2HCl_2F_3$ FW 152.93	$HCCl_2CF_3$
1961	<b>Fluoropentachloroethane</b> [354-56-3] <i>mp</i> 100-101°C <i>bp</i> 137-138°C <i>d</i> 1,74( <i>t</i> =25°C) <i>fp</i> none $C_2Cl_5F$ FW 220.29	$FCCl_2CCl_3$
1962	<b>Methyl 4,4,4-trifluoro-3-(trifluoromethyl)butyrate</b> [674335-88-7] $C_6H_6F_6O_2$ FW 224.10	$\begin{array}{c} CF_3CHCH_2C(=O)OCH_3 \\   \\ CF_3 \end{array}$

**1963 Sodium perfluorohexanoate**

[2923-26-4]

*mp* 265-266°C *fp* none $C_6F_{11}NaO_2$ 

FW 336.04

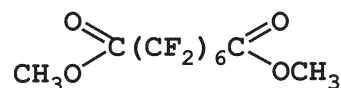
**1964 Dimethyl perfluorosuberate, 95%**

[2062-20-6]

*mp* 26°C *bp* 152°C/60 mm Hg *fp* none $C_{10}H_6F_{12}O_4$ 

FW 418.13

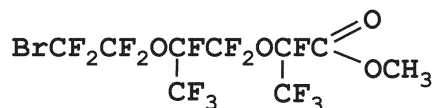
Irritant

**1965 Methyl 8-bromoperfluoro(2,5-dimethyl-3,6-dioxaoctanoate)**

(2S) [1482416-67-0] (2R)[1482416-72-7]

 $C_9H_3BrF_{14}O_4$ 

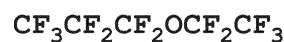
FW 521.00

**1966 Heptafluoropropyl pentafluoroethyl ether**

[66840-50-4]

*mp* -75°C *bp* 28-29°C  $n_D^{20}$  1,29  $d$  1,86 $C_5F_{12}O$ 

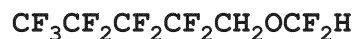
FW 304.03

**1967 2,2,3,3,4,4,5,5,5-Nonafluoropentyl difluoromethyl ether**

[1661005-79-3]

*bp* 91-92°C  $n_D$  1,2796( $t=23,5^\circ C$ ) $C_6H_3F_{11}O$ 

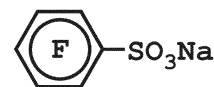
FW 300.07

**1968 Sodium pentafluorosulfonate**

[120193-44-4]

 $C_6F_5NaO_3S$ 

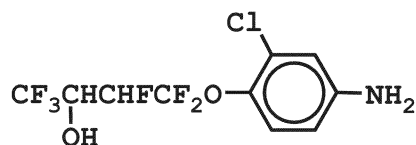
FW 270.11

**1969 4-(3-Hydroxy-1,1,2,4,4,4-hexafluorobutoxy)-3-chloroaniline**

[1309602-44-5]

 $C_{10}H_8ClF_8NO_2$ 

FW 323.62

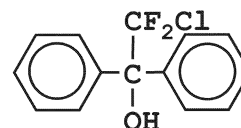
**1971 2-Chloro-2,2-difluoro-1,1-diphenylethanol**

[6312-18-1]

*mp* 77-79°C $C_{14}H_{11}ClF_2O$ 

FW 268.69

Irritant



---

**1972 Perfluoro(butylcyclohexane)**

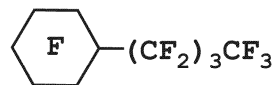
[374-60-7]

*bp* 145-147°C *n<sub>D</sub>* 1,298(*t*=25°C) *d* 1,899(*t*=25°C) *fp* none

C<sub>10</sub>F<sub>20</sub>

FW 500.08

Harmful/Irritant




---

**1973 2,2-Bis(4-carboxyphenyl)hexafluoropropane**

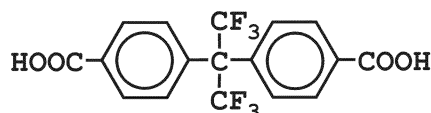
[1171-47-7]

*mp* 272-274°C *d* 1,504

C<sub>17</sub>H<sub>10</sub>F<sub>6</sub>O<sub>4</sub>

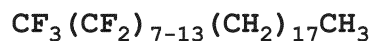
FW 392.25

Irritant




---

**1974 Perfluoro[C8-14]alkyloctadecane, 82%**



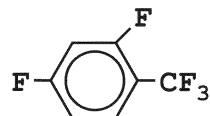

---

**1975 2,4-Difluorobenzotrifluoride**

[64248-61-9]

C<sub>7</sub>H<sub>3</sub>F<sub>5</sub>

FW 182.09




---

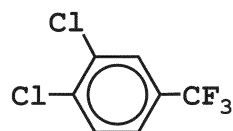
**1976 3,4-Dichlorobenzotrifluoride**

[328-84-7]

*mp* -12,5°C *bp* 172-175°C *n<sub>D</sub><sup>20</sup>* 1,4736-1,4758 *d* 1,486

C<sub>7</sub>H<sub>3</sub>Cl<sub>2</sub>F<sub>3</sub>

FW 215.00




---

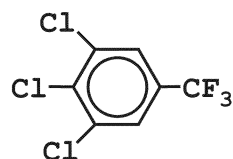
**1977 3,4,5-Trichlorobenzotrifluoride, 98%**

[50594-82-6]

*bp* 200-206°C *n<sub>D</sub><sup>20</sup>* 1,6 *d* 1,5

C<sub>7</sub>H<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub>

FW 249.45




---

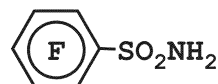
**1978 Pentafluorobenzenesulfonamide, 96%**

[778-36-9]

*mp* 156-157°C

C<sub>6</sub>H<sub>2</sub>F<sub>5</sub>NO<sub>2</sub>S

FW 247.14




---

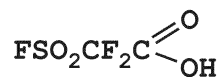
**1979 2-(Fluorosulfonyl)difluoroacetic acid**

[1717-59-5]

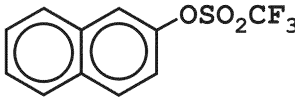
*bp* 153°C *n<sub>D</sub><sup>20</sup>* 1,3602 *d* 1,7234

C<sub>2</sub>HF<sub>3</sub>O<sub>4</sub>S

FW 178.09





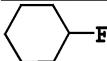
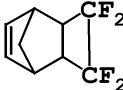
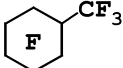
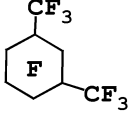
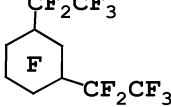
1980	<b>Perfluoro(4-methyl-3,6-dioxaoctane)sulfonic acid</b> [80043-98-7]	$\text{CF}_3\text{CF}_2\text{OCF}_2\underset{\text{CF}_3}{\text{C}}\text{FOCF}_2\text{CF}_2\text{SO}_3\text{H}$
	$\text{C}_7\text{HF}_{15}\text{O}_5\text{S}$ FW 482.12	
1981	<b>2-Naphthyl trifluoromethanesulfonate</b> [3857-83-8] <i>mp</i> 100-101°C <i>bp</i> 86-87°C/0,2 mm Hg $\text{C}_{11}\text{H}_7\text{F}_3\text{O}_3\text{S}$ FW 276.23	
1982	<b>Potassium 5-fluorosulfonylperfluoro(2-methyl-3-oxapentanoate)</b> [647836-31-5]	$\text{FSO}_2\text{CF}_2\text{CF}_2\text{OCFC}(=\text{O})\underset{\text{CF}_3}{\text{OK}}$
	$\text{C}_5\text{F}_9\text{KO}_5\text{S}$ FW 382.20	
1983	<b>Chlorofluorometanesulfonyl chloride, 95%</b> [65269-92-3] <i>bp</i> 135-136 °C ( <i>decomp.</i> ) $\text{CHCl}_2\text{FO}_2\text{S}$ FW 166.99 Corrosive/Moisture Sensitive	$\text{ClFCHSO}_2\text{Cl}$
1984	<b>2-Chloro-1,1-difluoroethane</b> [338-65-8] [25497-29-4] <i>bp</i> 32-34°C $n_D^{20}$ 1,339( <i>t</i> =24°C) $d_4^{15}$ 1,312( <i>t</i> =15°C) $\text{CHCl}_2\text{FO}_2\text{S}$ FW 100.50	$\text{HCF}_2\text{CH}_2\text{Cl}$
1985	<b>2,2,3,3,4,4,5,5-Octafluoropentanenitrile</b> [145886-83-5]	$\text{HCF}_2\text{CF}_2\text{CF}_2\text{CF}_2\text{C}\equiv\text{N}$
	$\text{C}_5\text{HF}_8\text{N}$ FW 227.06	
1986	<b>5,5-Bis(trifluoromethyl)-6,6,6-trifluorohexa-1,3-diene</b> [261761-12-0]	$\begin{array}{c} \text{CF}_3 \\   \\ \text{CF}_3\text{C}-\text{CH}=\text{CHCH}=\text{CH}_2 \\   \\ \text{CF}_3 \end{array}$
	$\text{C}_8\text{H}_5\text{F}_9$ FW 272.11	

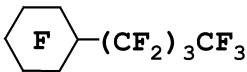
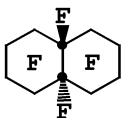
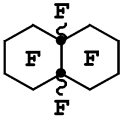
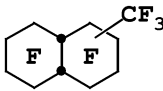
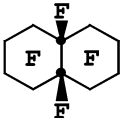
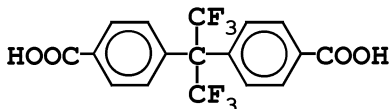
# CLASSES OF FLUORINE COMPOUNDS

## ALKANES

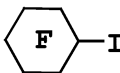
### Alkanes and Cycloalkanes



	catalog number
$\text{CH}_3\text{CH}_2\text{F}$	0405
$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{F}$	0402
$\text{CH}_3\text{CHFCH}_2\text{CH}_3$	1870
$\text{CH}_3(\text{CH}_2)_3\text{CH}_2\text{F}$	0411
$\text{CH}_3(\text{CH}_2)_4\text{CH}_2\text{F}$	0408
$\text{CH}_3(\text{CH}_2)_5\text{CH}_2\text{F}$	0407
$\text{CH}_3(\text{CH}_2)_6\text{CH}_2\text{F}$	0410
$\text{CH}_3(\text{CH}_2)_7\text{CH}_2\text{F}$	0409
$\text{CH}_3(\text{CH}_2)_8\text{CH}_2\text{F}$	1476
$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2\text{F}$	0404
$\text{HCF}_2(\text{CF}_2)_2\text{CF}_2\text{H}$	0660
$\text{HCF}_2(\text{CF}_2)_4\text{CF}_2\text{H}$	0798
$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{H}$	0847
$\text{HCF}_2(\text{CF}_2)_8\text{CF}_2\text{H}$	0766
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_3$	1478
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_3$	1144
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_3$	1639
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_7\text{CH}_3$	1768
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_9\text{CH}_3$	1479
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_{11}\text{CH}_3$	1480
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_{13}\text{CH}_3$	1481
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_{17}\text{CH}_3$	1767
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_3$	1640

	catalog number
$\text{CF}_3(\text{CF}_2)_7(\text{CH}_2)_{13}\text{CH}_3$	1482
$\text{CF}_3(\text{CF}_2)_{7-11}(\text{CH}_2)_7\text{CH}_3$	1892
$\text{CF}_3(\text{CF}_2)_{7-13}(\text{CH}_2)_{17}\text{CH}_3$	1974
$\begin{array}{c} \text{CF}_3 \qquad \qquad \text{CF}_3 \\   \qquad \qquad \quad   \\ \text{CF}_3(\text{CF}_2)_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{C}(\text{CF}_2)_2\text{CF}_3 \\   \qquad \qquad \quad   \\ \text{CF}_3 \qquad \qquad \text{CF}_3 \end{array}$	1949
$\text{CF}_3\text{CF}_2\text{H}$	0695
$\text{CF}_3(\text{CF}_2)_4\text{CF}_2\text{H}$	0799
$\text{CF}_3(\text{CF}_2)_6\text{CF}_2\text{H}$	1175
$\text{CF}_3(\text{CF}_2)_4\text{CF}_3$	0800
$\text{CF}_3(\text{CF}_2)_5\text{CF}_3$	1764
$\text{CF}_3(\text{CF}_2)_{10}\text{CF}_3$	1477
$\text{CF}_3(\text{CF}_2)_{12}\text{CF}_3$	1638
$\text{CF}_3(\text{CF}_2)_{14}\text{CF}_3$	1156
	0403
	1794
	0814
	0775
	1762

	1972		0765
	0763		0816
	0764		1973

## Iodoalkanes

$\text{CF}_3\text{I}$	1083	$\text{CF}_3\text{CH}_2\text{I}$	0575
$\text{CF}_3\text{CF}_2\text{I}$	0527	$\text{CF}_3\text{CF}_2\text{CH}_2\text{I}$	0529
$\text{CF}_3\text{CF}_2\text{CF}_2\text{I}$	0452	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{I}$	0445
$\text{CF}_3\text{CF}(\text{I})\text{CF}_3$	0453	$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{I}$	1643
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{I}$	0530	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{I}$	1146
$\text{CF}_3\text{CF}(\text{I})\text{CF}_2\text{CF}_3$	0531	$\text{CF}_3\text{CH}_2\text{CH}_2\text{I}$	0579
$\text{CF}_3(\text{CF}_2)_4\text{CF}_2\text{I}$	0539	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{I}$	0525
$\text{CF}_3(\text{CF}_2)_5\text{CF}_2\text{I}$	1742	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{I}$	0450
$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{I}$	0545	$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_2\text{I}$	0538
$\text{CF}_3(\text{CF}_2)_6\text{CF}_2\text{I}$	0548	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{I}$	0549
$\text{CF}_3\text{C}(\text{CF}_3)_2\text{I}$	0743	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{I}$	0535
	0534	$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}_2\text{I}$	0564
$\text{CF}_3\text{CHF}_2\text{I}$	0553	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}_2\text{I}$	0485
$\text{CF}_3\text{CH}(\text{I})\text{CF}_3$	1180	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{CH}_2\text{CH}_2\text{I}$	0443

$\text{CF}_3\text{CH}(\text{CF}_3)\text{CH}_2\text{CH}_2\text{I}$	1186	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	0482
	0521	$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})\text{CH}_2\text{CH}_3$	0566
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{I}$	1217	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})\text{CH}_2\text{CH}_3$	1737
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{CH}_2\text{I}$	1934	$\text{CF}_3\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	0577
$\text{CF}_3(\text{CH}_2)_3\text{CH}_2\text{I}$	0578	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	1738
$\text{CF}_3\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{I}$	0528	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	0449
$\text{CF}_3\text{CF}_2\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{I}$	0446	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	0571
$\text{CF}_3(\text{CF}_2)_3(\text{CH}_2)_3\text{CH}_2\text{I}$	0522	$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	0567
$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_3\text{CH}_2\text{I}$	1333	$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_4\text{CH}_3$	1745
$\text{CF}_3(\text{CF}_2)_7(\text{CH}_2)_3\text{CH}_2\text{I}$	1334	$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})(\text{CH}_2)_3\text{CH}_3$	0484
$\text{CF}_3\text{CF}(\text{CF}_3)(\text{CH}_2)_3\text{CH}_2\text{I}$	1147	$\text{CF}_3(\text{CF}_2)_3\text{CH}(\text{I})\text{CH}_2(\text{CF}_2)_3\text{CF}_3$	0536
	0520	$\text{HCF}_2\text{I}$	1117
$\text{CF}_3\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	0573	$\text{HCF}_2\text{CF}_2\text{I}$	1956
$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	1739	$\text{HCF}_2(\text{CF}_2)_2\text{CF}_2\text{I}$	0532
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	0447	$\text{HCF}_2(\text{CF}_2)_4\text{CF}_2\text{I}$	0540
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	0572	$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{I}$	1150
$\text{CF}_3(\text{CF}_2)_6\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	1487	$\text{HCF}_2\text{CH}_2\text{I}$	1736
$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}_2\text{CH}(\text{I})\text{CH}_3$	0568		

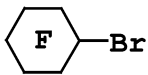





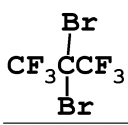
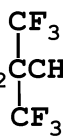






$\text{HCF}_2\text{CF}_2\text{CH}_2\text{I}$	0557
$\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{I}$	0551
$\text{HCF}_2(\text{CF}_2)_5\text{CH}_2\text{I}$	0537
$\text{FCH}_2\text{CH}_2\text{CH}_2\text{I}$	1924
$\text{BrCF}_2\text{CF}_2\text{I}$	1493
$\text{BrCF}_2\text{CFI}$   Cl	1674
$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{I}$	1675
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CHI}$   Cl	0212
$\text{CF}_3\text{CFClI}$   I	0213
$\text{ClCF}_2\text{CF}_2\text{I}$	0214
$\text{ClCF}_2(\text{CF}_2)_4\text{CF}_2\text{I}$	1488
$\text{ClCF}_2(\text{CF}_2)_6\text{CF}_2\text{I}$	1489
$\text{ClCF}_2\text{CF}_2\text{CH}_2\text{I}$	1692
$\text{ClCF}_2\text{CFClI}$   I	0301
$\text{ClCF}_2\text{CFCH}_2\text{CH}_2\text{I}$   Cl	0313

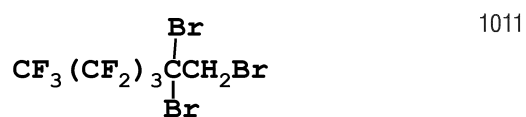
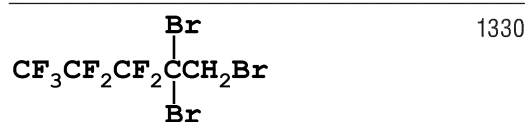
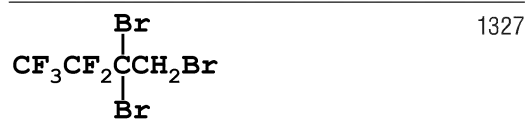
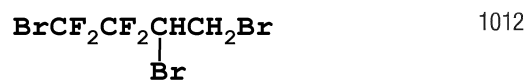
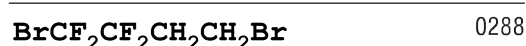
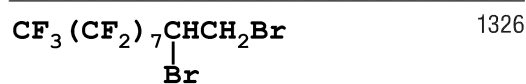
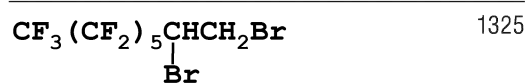
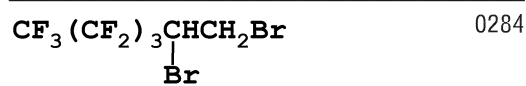
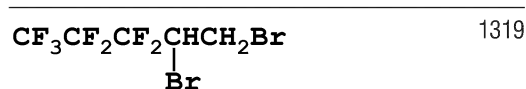
## Bromoalkanes

$\text{CF}_3\text{Br}$	0181
$\text{CF}_3\text{CF}_2\text{Br}$	0136
$\text{CF}_3\text{CFBr}_2$	0290
$\text{CF}_3\text{CF}_2\text{CF}_2\text{Br}$	0124
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{Br}$	0138
$\text{CF}_3(\text{CF}_2)_4\text{CF}_2\text{Br}$	0142

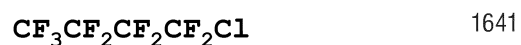
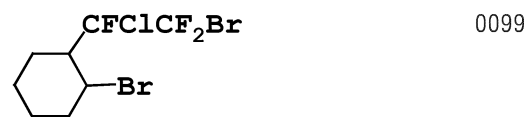
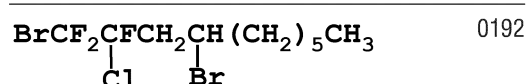
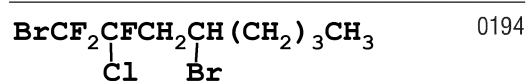
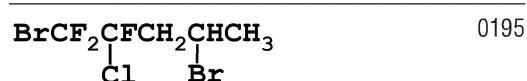
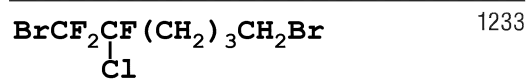
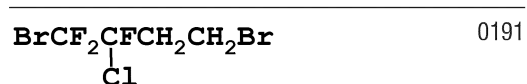
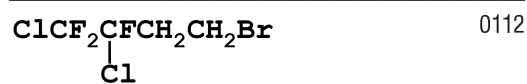
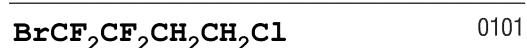
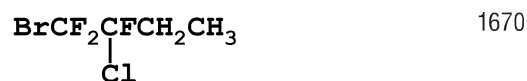
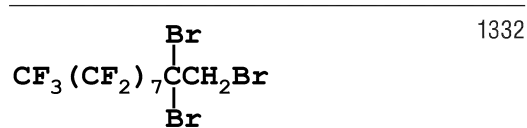
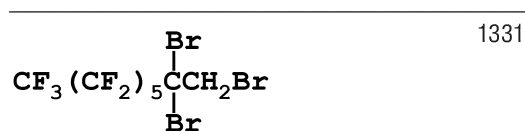
$\text{ICF}_2(\text{CF}_2)_6\text{CF}_2\text{I}$	0349
$\text{CF}_3\text{OCFCF}_3$   I	0555
$\text{CF}_3\text{OCF}_2\text{CF}_2\text{I}$	0556
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{I}$   OCF <sub>3</sub>	0558
$\text{CF}_3\text{CFCH}_2\text{CHCH}_3$          OCF <sub>3</sub> I	0561
$\text{CF}_3\text{CFCH}_2\text{CH}(\text{CH}_2)_3\text{CH}_3$          OCF <sub>3</sub> I	0560
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCF}_3$   I	0554
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CH}_2\text{I}$   CF <sub>3</sub>	0465
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CHCH}_3$          CF <sub>3</sub> I	0468
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CH}(\text{CH}_2)_3\text{CH}_3$          CF <sub>3</sub> I	0467

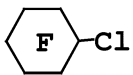
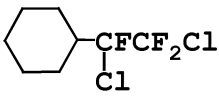
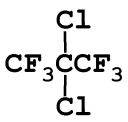
$\text{CF}_3(\text{CF}_2)_6\text{CF}_2\text{Br}$	0145
$\text{CF}_3\text{CFCF}_3$   Br	0123
$\text{CF}_3\text{CCF}_2\text{CF}_2\text{CF}_3$   Br	0144

	0139	$\text{CF}_3\text{CF}_2\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{Br}$	1338
		$\text{CF}_3(\text{CF}_2)_3(\text{CH}_2)_3\text{CH}_2\text{Br}$	1279
$\text{BrCF}_2\text{CF}_2\text{OCFCF}_2\text{OCF}_2\text{CF}_3$ 	1872	$\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_3\text{CH}_2\text{Br}$	1260
		$\text{HCF}_2\text{CH}_2\text{Br}$	1671
$\text{BrCF}_2\text{CF}_2\text{O}(\text{CFCF}_2\text{O})_4\text{CF}_2\text{CF}_3$ 	1873	$\text{HCF}_2(\text{CF}_2)_2\text{CF}_2\text{Br}$	0137
		$\text{HCF}_2(\text{CF}_2)_4\text{CF}_2\text{Br}$	0143
$\text{CF}_3\text{CH}_2\text{Br}$	0179	$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{Br}$	1509
$\text{CF}_3\text{CF}_2\text{CH}_2\text{Br}$	1678	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_3$	1865
$\text{CF}_3\text{CHCF}_3$ 	1501	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_3$	0161
		$\text{BrCF}_2\text{CF}_2(\text{CH}_2)_3\text{CH}_3$	1866
$\text{CF}_3\text{CH}_2\text{CH}_2\text{Br}$	0182	$\text{BrCF}_2\text{CF}_2(\text{CH}_2)_4\text{CH}_3$	1867
$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{Br}$	1335	$\text{BrCF}_2\text{CF}_2(\text{CH}_2)_5\text{CH}_3$	0159
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{Br}$	1336	$\text{BrCH}_2(\text{CH}_2)_3\text{CH}_2\text{F}$	1858
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_2\text{Br}$	0141	$\text{CF}_2\text{Br}_2$	0277
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{Br}$	1125	$\text{BrCF}_2\text{CF}_2\text{Br}$	0291
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{Br}$	0140	$\text{BrCF}_2\text{CFCF}_3$ 	0279
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{Br}$ 	1299		
			0280
$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{CH}_2\text{CH}_2\text{Br}$ 	0120	$\text{CF}_3(\text{CF}_2)_4\text{CFCF}_2\text{Br}$ 	1506
$\text{CF}_3\text{CHCH}_2\text{CH}_2\text{Br}$ 	1181	$\text{CF}_3\text{CHCH}_3$ 	1686
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Br}$	0177	$\text{CF}_3\text{CH}_2\text{CHCH}_3$ 	1683
$\text{CF}_3\text{CH}_2\text{CHCH}_2\text{Br}$ 	1677	$\text{CF}_3\text{CHCH}_2\text{Br}$ 	0292
$\text{CF}_3(\text{CH}_2)_3\text{CH}_2\text{Br}$	1297		
$\text{CF}_3\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{Br}$	1337		



## Chloroalkanes






$\text{CF}_3(\text{CF}_2)_4\text{CF}_2\text{Cl}$	1137	$\text{CF}_3\text{CF}(\text{Cl})\text{CF}(\text{Cl})\text{CF}_3$	0303
$\text{CF}_3\text{C}(\text{Cl})(\text{CF}_3)\text{CF}_2\text{CF}_2\text{CF}_3$	0235	$\text{CF}_3\text{C}(\text{Cl})(\text{CF}_3)\text{CCFClCF}_2\text{CF}_3$	0307
	1492	$\text{ClCF}_2\text{CF}(\text{Cl})\text{CH}_2\text{CH}_2\text{CH}_3$	0317
$\text{CF}_3\text{CH}_2\text{Cl}$	0262	$\text{ClCF}_2\text{CF}(\text{Cl})(\text{CH}_2)_5\text{CH}_3$	0314
$\text{CF}_3\text{CH}_2\text{CH}_2\text{Cl}$	0267		0312
$\text{CF}_3\text{CF}_2\text{CH}_2\text{Cl}$	1642	$\text{CF}_3\text{CH}(\text{Cl})\text{CF}_2\text{Cl}$	0304
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Cl}$	1693	$\text{CF}_3\text{CH}(\text{Cl})\text{CH}_2\text{Cl}$	0318
$\text{HCF}_2\text{Cl}$	1950	$\text{CFCl}_3$	1491
$\text{H}_2\text{CFC1}$	1959	$\text{ClCF}_2\text{CFCl}_2$	1022
$\text{HCF}_2\text{CH}_2\text{Cl}$	1984	$\text{CFCl}_2\text{CFCl}_2$	1905
$\text{HCF}_2\text{CF}_2\text{CH}_2\text{Cl}$	0249	$\text{ClCF}_2\text{CFCH}_2\text{CH}_2\text{Cl}$	1019
$\text{HCF}_2(\text{CF}_2)_2\text{CF}_2\text{Cl}$	0224	$\text{ClCF}_2\text{CF}(\text{Cl})\text{CFCF}_2\text{Cl}$	0913
$\text{HCF}_2(\text{CF}_2)_4\text{CF}_2\text{Cl}$	0233	$\text{ClCF}_2\text{CF}(\text{CF}_2)_8\text{CFCF}_2\text{Cl}$	1781
$\text{HCF}_2(\text{CF}_2)_6\text{CF}_2\text{Cl}$	0238	$\text{FCCL}_2\text{CCl}_3$	1961
$\text{ClCF}_2\text{CH}_3$	1689	$\text{CF}_3\text{CCl}_2\text{CCl}_3$	1753
$\text{HCl}_2\text{CCF}_3$	1960	$\text{CCl}_3\text{CFCF}_2\text{Cl}$	1754
$\text{ClCF}_2\text{CH}_2\text{Cl}$	0293		
$\text{ClCF}_2\text{CF}_2\text{CF}_2\text{CF}_2\text{Cl}$	0302		
$\text{ClCF}_2(\text{CF}_2)_4\text{CF}_2\text{Cl}$	0306		
$\text{ClCF}_2(\text{CF}_2)_6\text{CF}_2\text{Cl}$	0308		
$\text{ClCF}_2(\text{CF}_2)_8\text{CF}_2\text{Cl}$	0305		
$\text{ClCF}_2(\text{CF}_2)_{14}\text{CF}_2\text{Cl}$	1155		
$\text{CF}_3\text{CF}(\text{Cl})\text{CF}_2\text{Cl}$	0299		
	1139		



## ALKENES

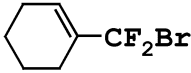
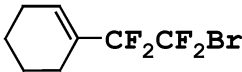

## Alkenes

$\text{CF}_3\text{CF}=\text{CF}_2$	0496	$\text{HCF}_2(\text{CF}_2)_5\text{CF}=\text{CHF}$	1617
$[\text{CF}_3\text{CF}=\text{CF}_2]_3$	0498	$\text{CF}_3\text{CH}=\text{CF}_2$	0718
$\text{CF}_3\text{CF}_2\text{CF}=\text{CF}_2$	1163	$\text{CF}_3\text{CF}=\text{CH}_2$	1843
$\text{CF}_3\text{CF}=\text{CFCF}_3$	0661	$\text{CF}_3\text{CH}=\text{CH}_2$	1098
$\text{CF}_3(\text{CF}_2)_3\text{CF}=\text{CF}_2$	1517	$\text{CF}_3\text{CF}_2\text{CH}=\text{CH}_2$	0692
$\text{CF}_3(\text{CF}_2)_5\text{CF}=\text{CF}_2$	1511	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CH}_2$	0462
	1108	$\text{CF}_3(\text{CF}_2)_3\text{CH}=\text{CH}_2$	0803
	1109	$\text{CF}_3\text{CF}_2\text{CFCH}=\text{CH}_2$   $\text{CF}_3$	0512
$\text{CF}_3\text{CFCF}=\text{CFCF}_3$   $\text{CF}_3$	0828	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CH}_2$	0853
$\text{CF}_3\text{C}=\text{CFCF}_2\text{CF}_3$   $\text{CF}_3$	0827	$\text{CF}_3(\text{CF}_2)_7\text{CH}=\text{CH}_2$	0769
	0760	$\text{CF}_3\text{CFCH}=\text{CH}_2$   $\text{CF}_3$	1001
$\text{CF}_2=\text{CFCF}=\text{CF}_2$	0477	$\text{CF}_3\text{CFCH}=\text{CH}_2$   $\text{OCF}_3$	0988
$\text{HCF}_2\text{CF}_2\text{CF}=\text{CF}_2$	1176	$\text{CF}_3\text{CFCH}=\text{CH}_2$   $\text{OC}_3\text{F}_7$	0951
$\text{HCF}_2(\text{CF}_2)_3\text{CF}=\text{CF}_2$	1606		0417
$\text{HCF}_2(\text{CF}_2)_5\text{CF}=\text{CF}_2$	1607	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CCH}=\text{CH}_2$   $\text{CF}_3$	
$\text{CH}_3\text{CH}_2\text{CF}=\text{CF}_2$	1056	$\text{CF}_3\text{CCH}=\text{CHCH}=\text{CH}_2$   $\text{CF}_3$	1986
$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{CH}_3$	1092		1880
$\text{CF}_2=\text{CF}(\text{CH}_2)_5\text{CH}_3$	1089	$\text{CF}_3(\text{CF}_2)_2\text{CCH}=\text{CHCH}=\text{CH}_2$   $\text{CF}_3$	
$\text{CF}_2=\text{CF}(\text{CH}_2)_7\text{CH}_3$	1061		
$\text{CF}_2=\text{CFCH}_2\text{CH}=\text{CH}_2$	1522		
$\text{CF}_3(\text{CF}_2)_3\text{CF}=\text{CHF}$	1616		

$\text{CF}_3(\text{CF}_2)_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{CH}_2\text{CH}=\text{CHCH}_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}(\text{CF}_2)_2\text{CF}_3$	1893	$\text{CF}_3\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	1077
$\text{CF}_3\text{CH}=\text{CHOCH}_3$	1160	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0456
$\text{CF}_3\text{CH}=\text{CHCH}_3$	1055	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	1003
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CHCH}_3$	0441	$\text{CF}_3\overset{\text{OCF}_3}{\underset{\text{OCF}_3}{\text{C}}}\text{FCH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0992
$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCH}=\text{CHCH}_3$	1007	$\text{CF}_3\overset{\text{OC}_3\text{F}_7}{\underset{\text{OC}_3\text{F}_7}{\text{C}}}\text{FCH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0955
$\text{CF}_3\overset{\text{OCF}_3}{\underset{\text{OCF}_3}{\text{C}}}\text{FCH}=\text{CHCH}_3$	0996	$\text{CF}_3\text{CF}_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0511
$\text{CF}_3\overset{\text{OC}_3\text{F}_7}{\underset{\text{OC}_3\text{F}_7}{\text{C}}}\text{FCH}=\text{CHCH}_3$	0958	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	1025
$\text{CF}_3\text{CF}_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCH}=\text{CHCH}_3$	0508	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CH}(\text{CH}_2)_5\text{CH}_3$	1030
$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHCH}_3$	1029	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CH}(\text{CH}_2)_7\text{CH}_3$	1027
		$\text{CF}_3\text{CF}=\text{CFCH}_2\text{CH}=\text{CH}_2$	1756

## Halogenalkenes

$\text{CF}_2=\text{CFI}$	0576	$\text{CF}_3\text{CF}_2\text{CBr}=\text{CH}_2$	1328
$\text{CF}_3\text{CF}_2\text{CF}=\text{CFI}$	0533	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CBr}=\text{CH}_2$	0122
$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCF}=\text{CFI}$	0542	$\text{CF}_3(\text{CF}_2)_3\text{CBr}=\text{CH}_2$	1329
$\text{CF}_3\text{CI}=\text{CH}_2$	1510	$\text{CF}_3(\text{CF}_2)_5\text{CBr}=\text{CH}_2$	0146
$\text{CF}_3\text{CF}_2\text{CBr}=\text{CHBr}$	1906	$\text{CF}_3(\text{CF}_2)_7\text{CBr}=\text{CH}_2$	1124
$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{Br}$	0178	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{FCBr}=\text{CH}_2$	0173
$\text{CF}_2=\text{CF}(\text{CH}_2)_3\text{CH}_2\text{Br}$	0180	$\text{CF}_3\overset{\text{OCF}_3}{\underset{\text{OCF}_3}{\text{C}}}\text{FCBr}=\text{CH}_2$	0172
$\text{BrCF}_2\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0117	$\text{CF}_3\overset{\text{OC}_3\text{F}_7}{\underset{\text{OC}_3\text{F}_7}{\text{C}}}\text{FCBr}=\text{CH}_2$	0158
$\text{BrCF}_2\text{CF}_2\text{CH}=\text{CH}_2$	0152		
$\text{BrCF}_2\text{CF}_2\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0160		
$\text{CF}_3\text{CBr}=\text{CH}_2$	0184		

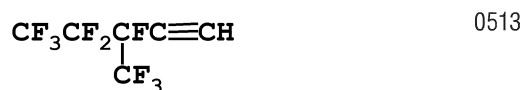
$\text{CF}_3\text{CF}_2\text{CFCBr}=\text{CH}_2$ $\quad\quad\quad\text{CF}_3$	0126
$\text{CF}_3\text{CF}_2\text{CH}=\text{CHBr}$	0135
$\text{CF}_3\text{C}=\text{CHBr}$ $\quad\quad\quad\text{CF}_3$	1512
$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)\text{CH}=\text{CHBr}$	0121
	0118
	0157
	0103
$\text{BrCF}_2\text{CFC1CH}=\text{CH}_2$	0102
$\text{BrCF}_2\text{CFC1CH}=\text{CHCH}_3$	0107
$\text{BrCF}_2\text{CFC1CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0104
$\text{CF}_3\text{CBr}=\text{CBrCF}_3$	1521
$\text{BrCF}_2\text{CF}_2\text{CBr}=\text{CH}_2$	0289
$\text{CF}_2=\text{CFC1}$	0263
$\text{C1CF}=\text{CFC1}$	0294

## ALKYNES

$\text{CF}_3\text{C}\equiv\text{CH}$	1101
$\text{CF}_3\text{CF}_2\text{C}\equiv\text{CH}$	1755
$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}\equiv\text{CH}$	0463
$\text{CF}_3(\text{CF}_2)_5\text{C}\equiv\text{CH}$	0855

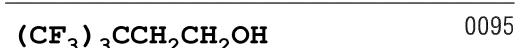
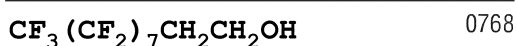
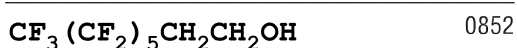
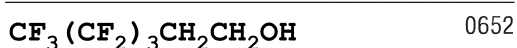
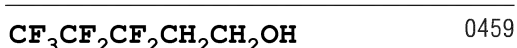
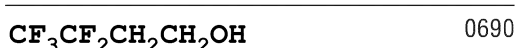
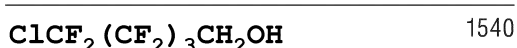
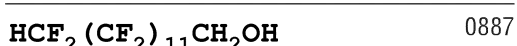
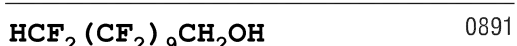
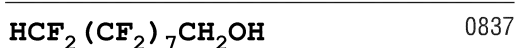
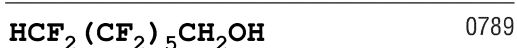
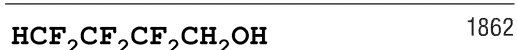
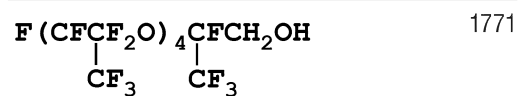
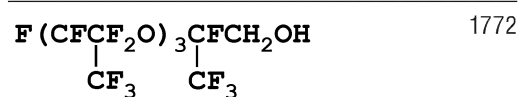
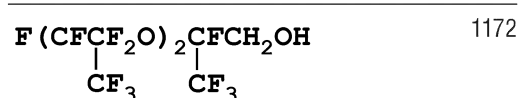
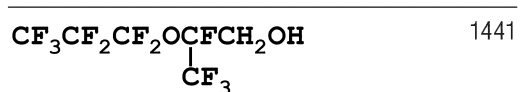
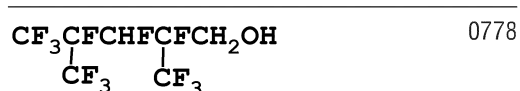
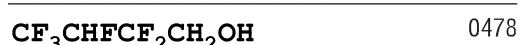
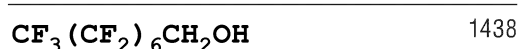
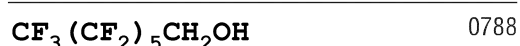
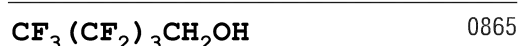
$\text{C1CF}_2\text{CF}_2\text{CF}=\text{CF}_2$	1613
$\text{C1CF}_2(\text{CF}_2)_3\text{CF}=\text{CF}_2$	1614
$\text{C1CF}_2(\text{CF}_2)_5\text{CF}=\text{CF}_2$	1615
$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{C1}$	0261
$\text{CF}_3\text{CC1}=\text{CH}_2$	0268
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CC1}=\text{CH}_2$	0207
$\text{CF}_3(\text{CF}_2)_5\text{CC1}=\text{CH}_2$	0239
$\text{CF}_3\text{CFCC1}=\text{CH}_2$ $\quad\quad\quad\text{CF}_3$	0259
$\text{CF}_3\text{CFCC1}=\text{CH}_2$ $\quad\quad\quad\text{OCF}_3$	0258
$\text{CF}_3\text{CFCC1}=\text{CH}_2$ $\quad\quad\quad\text{OC}_3\text{F}_7$	0246
$\text{CF}_3\text{CF}_2\text{CFCC1}=\text{CH}_2$ $\quad\quad\quad\text{CF}_3$	0210
$\text{CF}_3\text{CC1}=\text{CC1CF}_3$	0297
$\text{C1CF}_2\text{CFC1CH}=\text{CH}_2$	0311
$\text{C1CF}_2\text{CFC1CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0315
$\text{CF}_3\text{CC1}_2\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$	0316
$\text{CF}_3\text{CC1}=\text{CC1}_2$	1023
$\text{C1CF}_2\text{CFC1CC1}=\text{CH}_2$	1020

$\text{CF}_3\text{CFC}\equiv\text{CH}$ $\quad\quad\quad\text{CF}_3$	1002
$\text{CF}_3\text{CFC}\equiv\text{CH}$ $\quad\quad\quad\text{OCF}_3$	0989



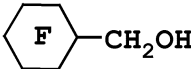
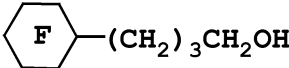
## ALCOHOLS

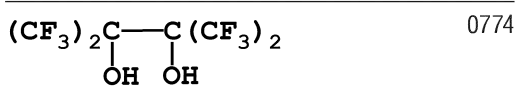
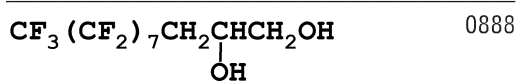
## Alifatic Alcohols and Diols



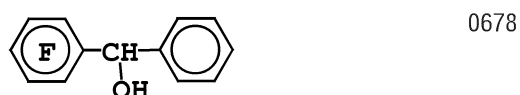
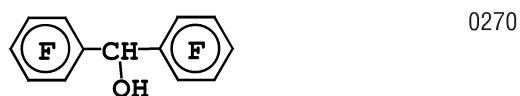
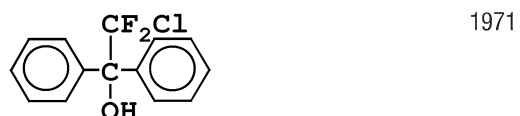
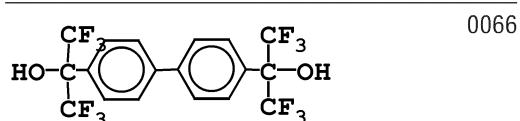
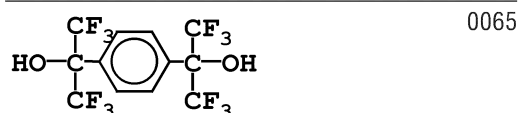
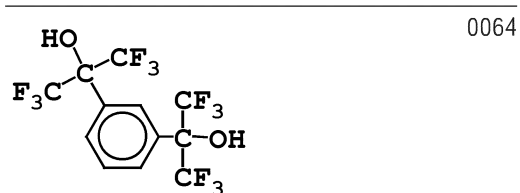
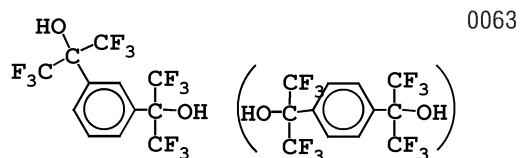
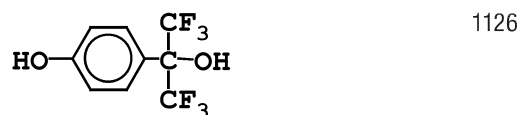
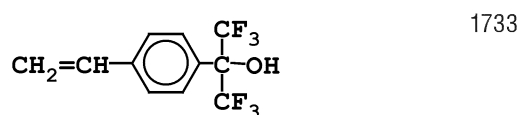
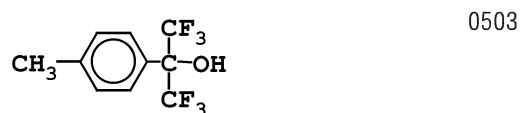
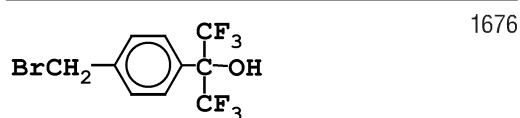
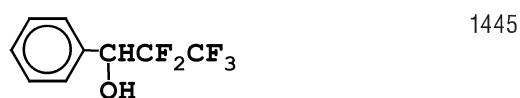
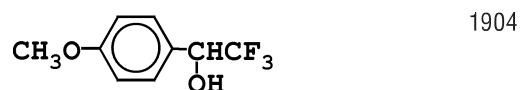
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{OH}$   $\text{OCF}_3$	1228	$\text{BrCF}_2\text{CFC1CH=CHCH}_2\text{OH}$	0109
$\text{CF}_3\text{CHCH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$	1173	$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{I}$	1434
$\text{CF}_3\text{CHOCH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$	1444	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{I}$	1740
$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{OH}$	1801	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{I}$	1518
$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	0699	$\text{CF}_3\text{CFCH}_2\text{CHCH}_2\text{OH}$   $\text{CF}_3$   $\text{I}$	0569
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	0439	$\text{CF}_3\text{CF}_2\text{CFCH}_2\text{CHCH}_2\text{OH}$   $\text{CF}_3$   $\text{I}$	1519
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	1216	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{I}$	0546
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	1028	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{I}$	0552
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	1439	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CHCH}_2\text{OH}$   $\text{CF}_3$   $\text{I}$	1667
$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	0163	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CCH}_2\text{CHCH}_2\text{OH}$   $\text{CF}_3$   $\text{I}$	0562
$\text{BrCF}_2\text{CFC1CH}_2\text{CH}_2\text{CH}_2\text{OH}$	0106	$\text{CF}_3\text{CFCH}_2\text{CHCH}_2\text{OH}$   $\text{OCF}_3$   $\text{I}$	0469
$\text{CF}_3\text{CHFCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OH}$	1443	$\text{CF}_3\text{CH}_2\text{CHCH}_2\text{CH}_2\text{OH}$   $\text{I}$	1435
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$	1005	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CHCH}_2\text{CH}_2\text{OH}$   $\text{I}$	1520
$\text{CF}_3\text{CF}_2\text{CFCH}_2\text{CH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$	0506	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CHCH}_2\text{CH}_2\text{OH}$   $\text{I}$	1436
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$	1666		
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{CH}_2\text{OH}$   $\text{OC}_3\text{F}_7$	0957		
$\text{CF}_3\text{CFCH}_2\text{CH}_2\text{CH}_2\text{OH}$   $\text{OCF}_3$	0994		
$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{CH}_2\text{OH}$	1094		
$\text{BrCF}_2\text{CFC1CH}_2\text{CHCH}_2\text{OH}$   $\text{Br}$	0196		

$\text{CF}_3(\text{CF}_2)_3\text{CH}(\text{I})\text{CH}_2\text{CH}_2\text{OH}$	1437	$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHCH}_2\text{OH}$	0842
$\text{CF}_3\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0574	$\text{CF}_3(\text{CF}_2)_7\text{CH}=\text{CHCH}_2\text{OH}$	1440
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0448	$\text{CF}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{OH}$	1255
$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0570	$\text{CF}_3(\text{CH}_2)_3\text{CH}_2\text{OH}$	1091
$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0483	$\text{CF}_3\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{OH}$	0697
$\text{CF}_3\text{CF}(\text{OCF}_3)\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0563	$\text{CF}_3\text{CF}_2\text{CF}_2(\text{CH}_2)_3\text{CH}_2\text{OH}$	0435
$\text{CF}_3\text{CF}(\text{OC}_3\text{F}_7)\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0470	$\text{CF}_3(\text{CF}_2)_3(\text{CH}_2)_3\text{CH}_2\text{OH}$	0654
$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{C}(\text{I})\text{CH}_2\text{OH}$	0547	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2(\text{CH}_2)_3\text{CH}_2\text{OH}$	1953
$\text{CF}_3\text{CH}=\text{CHCH}_2\text{OH}$	1057	$\text{CF}_3\text{CF}_2(\text{CH}_2)_5\text{CH}_2\text{OH}$	1433
$\text{CF}_3\text{CF}_2\text{CH}=\text{CHCH}_2\text{OH}$	1851	$\text{CF}_3\text{CF}(\text{CF}_3)(\text{CH}_2)_5\text{CH}_2\text{OH}$	1845
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CHCH}_2\text{OH}$	0442	$\text{CF}_3\text{CH}(\text{OH})\text{CF}_3$	0494
$\text{CF}_3\text{CF}(\text{CF}_3)\text{CH}=\text{CHCH}_2\text{OH}$	1009	$\text{CF}_3\text{CH}(\text{OH})\text{CF}_2\text{H}$	1955
$\text{CF}_3\text{CF}(\text{OCF}_3)\text{CH}=\text{CHCH}_2\text{OH}$	0998	$\text{CF}_3\text{CH}(\text{OH})\text{CH}_3$	1097
$\text{CF}_3\text{CF}(\text{OC}_3\text{F}_7)\text{CH}=\text{CHCH}_2\text{OH}$	0960	$\text{CF}_3\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$	1800
$\text{CF}_3(\text{CF}_2)_3\text{CH}=\text{CHCH}_2\text{OH}$	0651	$\text{CF}_3\text{CF}_2\text{CH}(\text{OH})\text{CH}_3$	0691
$\text{CF}_3\text{CF}_2\text{CF}(\text{CF}_3)\text{CH}=\text{CHCH}_2\text{OH}$	0510	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}(\text{OH})\text{CH}_3$	0460
		$\text{CF}_3\text{CHF}(\text{OH})\text{CF}_2\text{CH}(\text{OH})\text{CH}_3$	0491

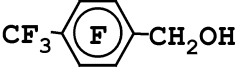
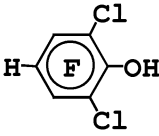
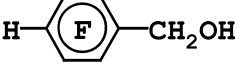
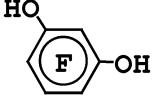
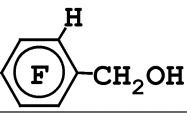

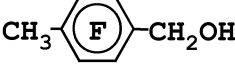
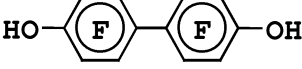
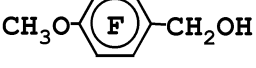
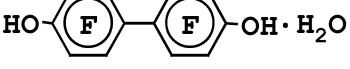

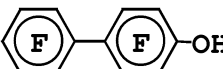
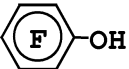
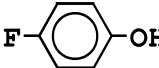

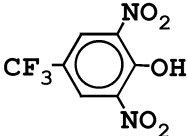
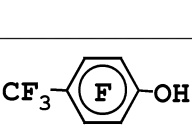
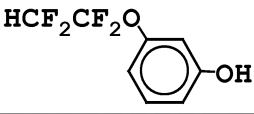

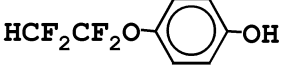

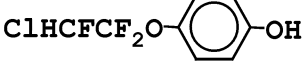
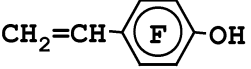
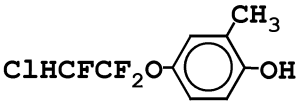
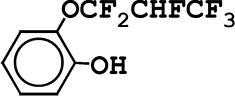
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{NH}_2$	1118	$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{CH}=\text{CH}_2$	1447
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1660	$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{CH}_2\text{CH}=\text{CH}_2$	1446
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{NO}_2$	0669	$\text{CF}_3\text{CF}_2\text{CF}_2\underset{\text{OH}}{\text{C}}(\text{CH}_3)_2$	1153
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{Br}$	0183	$\text{CF}_3\text{CHF}\text{CF}_2\underset{\text{OH}}{\text{C}}(\text{CH}_3)_2$	1448
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{CH}_3$	1799	$\text{FCH}_2\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{F}$	1224
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}_3$	1275	$\text{ClCH}_2\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{F}$	1212
$\text{CF}_3\underset{\text{OH}}{\text{CH}}\text{CH}=\text{CHOCH}_2\text{CH}_3$	1274		0762
$(\text{CH}_3)_2\underset{\text{OH}}{\text{C}}\text{CF}_3$	1231		0761
$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{CH}_3$	0490	$\text{CF}_3\text{CHBrCH}_2\text{OH}$	1687
$(\text{CF}_3)_3\text{COH}$	0740	$\text{HOCH}_2\text{CF}_2\text{CH}_2\text{OH}$	1236
$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{CF}_2\text{CF}_3$	1752	$\text{HOCH}_2\text{CF}_2\text{CF}_2\text{CH}_2\text{OH}$	1784
$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{CCl}_3$	1324	$\text{HOCH}_2(\text{CF}_2)_4\text{CH}_2\text{OH}$	0663
$(\text{CF}_3)_2\underset{\text{OH}}{\text{C}}\text{FC}(\text{CF}_3)_2$	1927	$\text{HOCH}_2(\text{CF}_2)_6\text{CH}_2\text{OH}$	1952
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCF}-\underset{\text{CF}_3}{\overset{\text{CF}_3}{\text{C}}}-\text{CF}_3$	1954	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{OH}$	0437
		$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{OH}$	0650
		$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\underset{\text{OH}}{\text{CH}}\text{CH}_2\text{OH}$	0832



## Aromatic Alcohols and Phenols



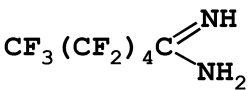
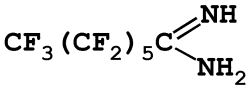
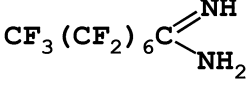


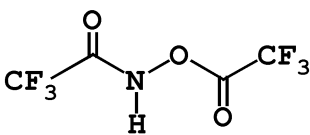
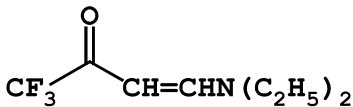
	1190		0295
	0927		0981
	1450		0967
	0639		1874
	1237		0339
	1189		1199
	0700		1201
	0965		0358
	0433		0945
	0164		0946
	0247		1452
	1831		1451
			1453

## AMINES


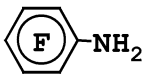
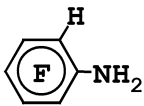
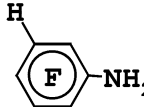
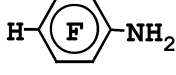


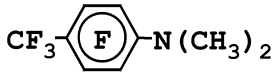
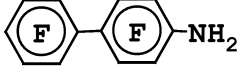
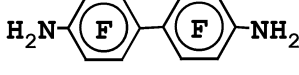
## Alifatic amines, imines and amidines

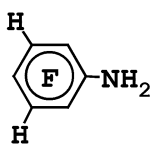
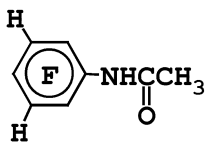
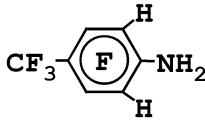
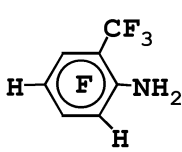
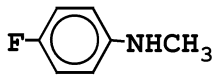
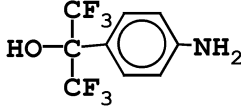
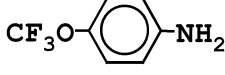
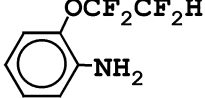
$(\text{CF}_3\text{CF}_2)_3\text{N}$	1112	$\text{CF}_3\text{CHCH}_3$ $\text{NH}_2$	1179
$\text{CF}_3\text{N}(\text{CF}_2\text{CF}_3)_2$	1891	$\text{CF}_3\text{CHCH}_3$ $\text{NH}_2 \cdot \text{HCl}$	1530
$(\text{CF}_3)_2\text{C}^{\ominus}\text{O}^{\oplus}\text{NH}_4^{\oplus}$ $\text{NH}_2$	1532	$\text{CF}_3\text{CHCH}(\text{CH}_3)_2$ $\text{NH}_2$	1822
$\text{HCF}_2\text{CF}_2\text{N}(\text{CH}_3)_2$	1890	$\text{CF}_3\text{CCH}_3$ $\text{NOH}$	1475
$(\text{CH}_3)_2\text{NCHF}_2$	1322	$\text{CF}_3\text{CCH}_2\text{Br}$ $\text{NOH}$	1474
$\text{CF}_3\text{CHCF}_3$ $\text{NH}_2$	1127	$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{NH}_2$	1195
$\text{CF}_3\text{CCF}_3$ $\text{NH}$	1223	$\text{HCF}_2\text{CH}_2\text{NH}_2$	0330
$(\text{CF}_3)_2\text{C}^{\ominus}\text{NH}_2$ $\text{OH}$	0041	$\text{HCF}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1525
$\text{CF}_3\text{CH}_2\text{NH}_2$	1523	$\text{BrCF}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1526
$\text{CF}_3\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1524	$\text{CF}_3\text{CH}(\text{N}(\text{CH}_3)_2)_2$	1879
$\text{CF}_3\text{CF}_2\text{CH}_2\text{NH}_2$	0732	$\text{CF}_3\text{C}=\text{NH}$ $\text{NH}_2$	1229
$\text{CF}_3\text{CF}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1528	$\text{CF}_3\text{C}=\text{NH}$ $\text{NHOH}$	1846
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{NH}_2$	0744	$\text{CF}_3\text{CF}_2\text{C}=\text{NH}$ $\text{NH}_2$	1316
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{NH}_2$	0877	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}=\text{NH}$ $\text{NH}_2$	1534
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{NH}_2$	0796		
$\text{CF}_3(\text{CF}_2)_6\text{CH}_2\text{NH}_2$	1529		
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{NH}_2$	0844		
$\text{CF}_3\text{CH}_2\text{CH}_2\text{NH}_2$	1182		
$\text{CF}_3\text{CH}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1235		
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{NH}_2$	0773		
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$	1804		

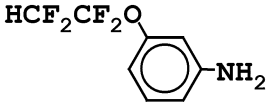
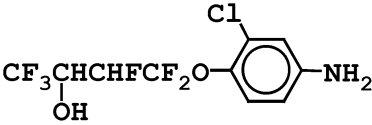
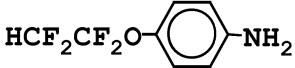
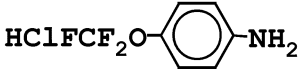
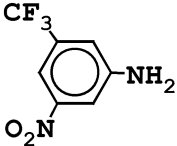
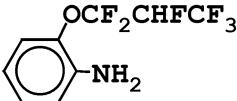
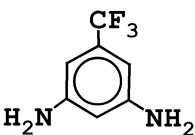
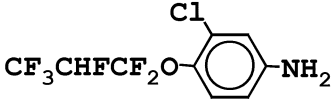
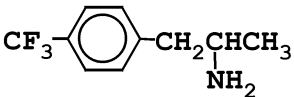
	1442
	1571
	1535

	0090
	0322

## Aromatic amines and anilines


















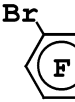






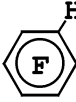
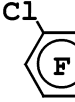


	1341
	0672
	1339
	1340
	0914
	0149
	0047
	0351
	0043
	0274

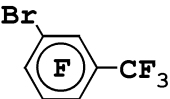

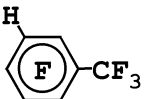
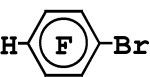

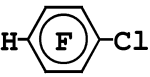
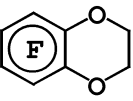

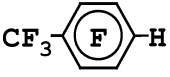
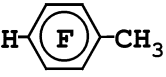

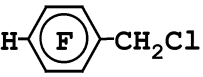
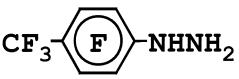
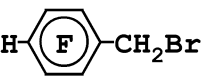


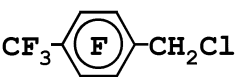

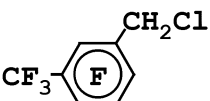
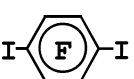
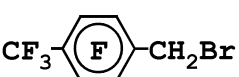

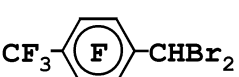

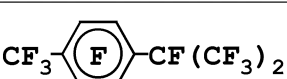

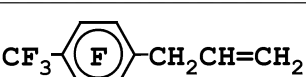
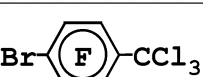
	1046
	0991
	0039
	1183
	1206
	0044
	1080
	0934


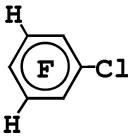
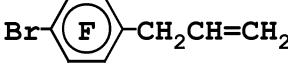
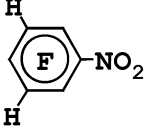

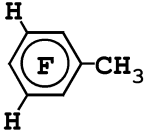
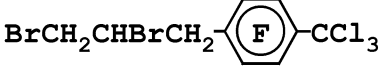
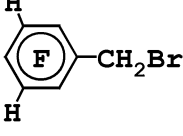
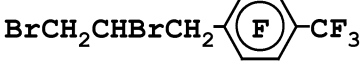
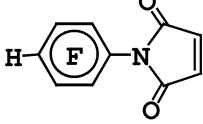
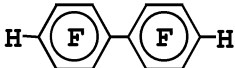
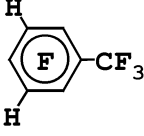
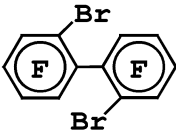
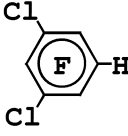
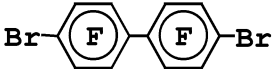
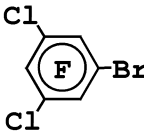
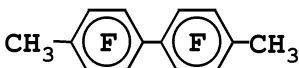
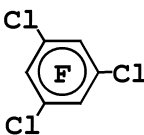
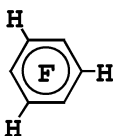
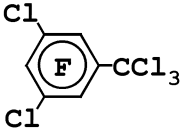
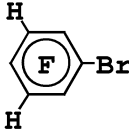
	0935		1969
	0936		
	1371		1373
	1732		1086
	1691		1659

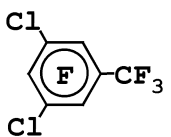
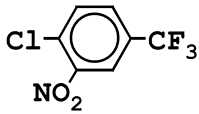
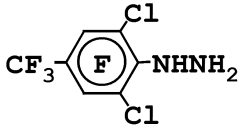
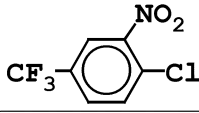
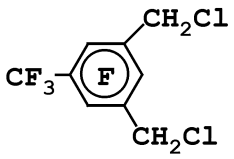
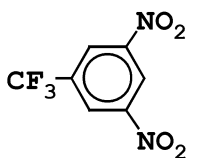
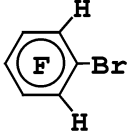
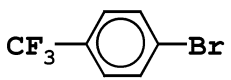
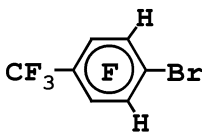
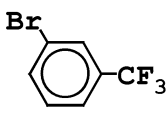
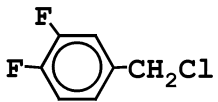
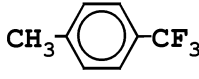
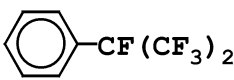
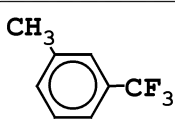
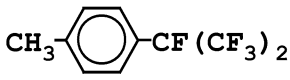
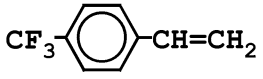
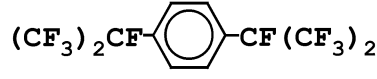
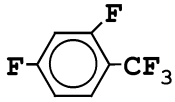
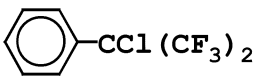
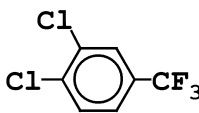
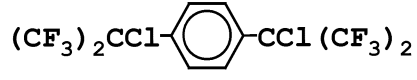
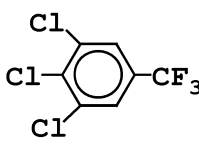
## BENZENE DERIVATES

	0476		0687
	0495		1876
	0228		0686
	0133		1133
	0524		0682
	0676		0670
	0736		0739

	0733		0285
	0038		0342
	0738		0649
	1697		1793
	0698		1245
	0709		0929
	1664		1783
	1663		0918
	0272		0286
	0689		1178
	1120		1185
	0067		1213
	0917		1353
	1679		0208

	1918		0919
	0925		0150
	0664		0245
	0920		1786
	0924		0987
	0125		0930
	1087		0928
	0638		0966
	0215		0287
	1819		0343
	0128		0354
	1820		0061
	0812		1342
	1362		1356

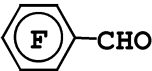

	0165		0260
	1361		1088
	1214		1103
	1358		1798
	1359		1570
	0659		1050
	1941		0309
	0281		0111
	0353		1018
	1048		1700
	0175		

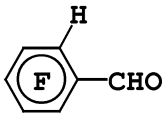
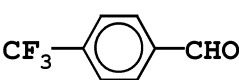
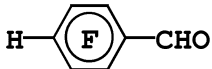
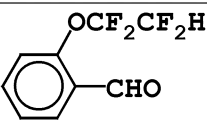
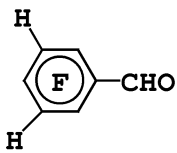
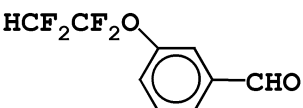
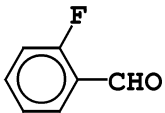
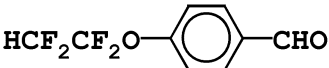
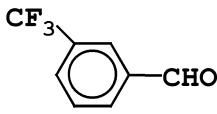
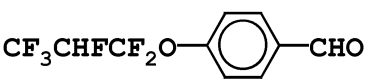
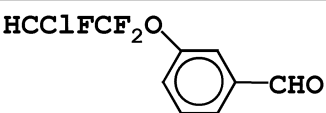
	0300		0223
	0296		0204
	0062		0356
	1363		1494
	1942		1669
	0328		1496
	1257		1495
	0455		1943
	0078		1975
	0209		1976
	0060		1977



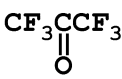
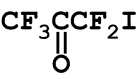
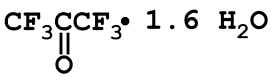
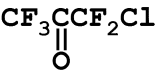
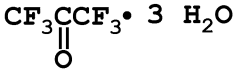
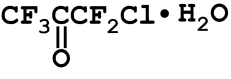
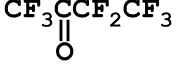
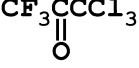

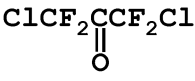
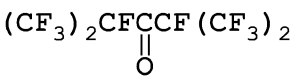
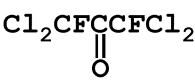
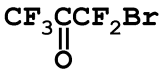
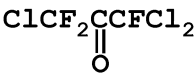
## CARBONYL COMPOUNDS

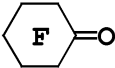
## Aldehydes

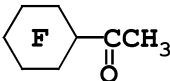
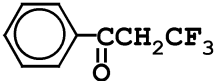
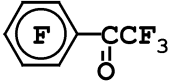
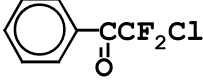
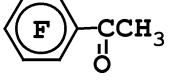
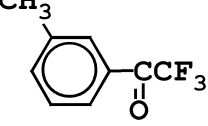
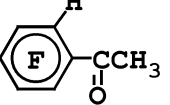
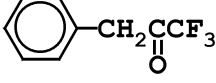
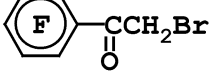
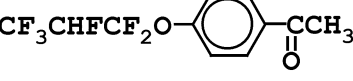
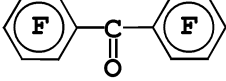
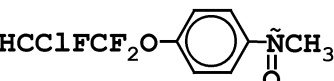
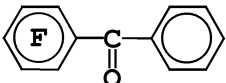
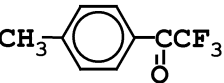

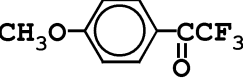
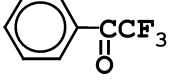
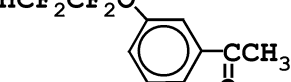
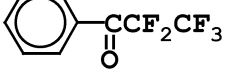
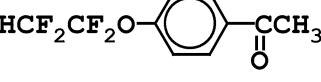
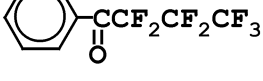
$\text{CF}_3\text{CHO}$	1537	$\text{CF}_3\text{CH}_2\text{CHOCH}_3$   $\text{OCH}_3$	1810
$\text{CF}_3\text{CHO} \cdot \text{H}_2\text{O}$	1033		
$\text{CF}_3\text{CHOCH}_3$   $\text{OH}$	1034	$\text{CF}_3\text{CH}_2\text{CHOCH}_2\text{CH}_3$   $\text{OCH}_2\text{CH}_3$	1310
$\text{CF}_3\text{CHOCH}_3$   $\text{OCH}_3$	1031	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CHO}$	0457
$\text{CF}_3\text{CHOCH}_2\text{CH}_3$   $\text{OH}$	1032	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CHO}$	0846
$\text{CF}_3\text{CHOCH}_2\text{CH}_3$   $\text{OCH}_2\text{CH}_3$	1536	$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CHO}$	1304
$\text{CF}_3\text{CF}_2\text{CHO} \cdot \text{H}_2\text{O}$	0721	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CHO}$   $\text{CF}_3$	0953
$\text{CF}_3\text{CF}_2\text{CHOCH}_3$   $\text{OH}$	0722	$\text{CF}_3\text{CHFCHO} \cdot \text{H}_2\text{O}$	1788
$\text{CF}_3\text{CF}_2\text{CHOCH}_2\text{CH}_3$   $\text{OH}$	1910	$\text{HCF}_2\text{CF}_2\text{CHO} \cdot \text{H}_2\text{O}$	0969
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CHO}$	1196	$\text{HCF}_2(\text{CF}_2)_3\text{CHO}$	0857
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CHO} \cdot \text{H}_2\text{O}$	0424	$\text{HCF}_2(\text{CF}_2)_3\text{CHO} \cdot \text{H}_2\text{O}$	0859
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CHOCH}_3$   $\text{OCH}_3$	1852	$\text{HCF}_2(\text{CF}_2)_5\text{CHO}$	0781
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CHOCH}_2\text{CH}_3$   $\text{OH}$	1911	$\text{HCF}_2(\text{CF}_2)_5\text{CHO} \cdot \text{H}_2\text{O}$	0782
$\text{CF}_3(\text{CF}_2)_3\text{CHO}$	1912	$\text{ClCF}_2\text{CHO} \cdot \text{H}_2\text{O}$	1539
$\text{CF}_3(\text{CF}_2)_3\text{CHO} \cdot \text{H}_2\text{O}$	0858	$\text{CF}_3\text{C}=\text{CHCHO}$   $\text{CF}_3$	1221
$\text{CF}_3(\text{CF}_2)_5\text{CHO} \cdot \text{H}_2\text{O}$	1215	$\text{CF}_3\text{CH}_2\text{OCHO}$	1538
$\text{CF}_3\text{CH}_2\text{CHO}$	1099	$\text{CF}_3\text{CCHO}$    $\text{O}$	1198
			0674
			1792

	1280		1281
	0916		0937
	1047		0938
	0401		0939
	1321		1365
			1369


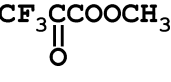
## Ketones

	0472		0523
	0473		0226
	0474		0227
	1490		1017
	1234		1907
	1545		1908
	0132		1909

$\text{CF}_3\text{C}(=\text{O})\text{CH}_3$	1038	$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_3$	0461
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{CH}_3$	1053	$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_3$	0604
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{CF}_3$	1727	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{CH}_3$	0610
$\text{CF}_3\text{C}(=\text{O})\text{CH}=\text{CHOCH}_2\text{CH}_3$	1276	$\text{HCF}_2\text{C}(=\text{O})\text{CH}_3$	1703
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}=\text{CHOCH}_2\text{CH}_3$	1923	$\text{HCF}_2\text{CF}_2\text{C}(=\text{O})\text{CH}_3$	0931
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(\text{OH})(\text{CH}_3)\text{CF}_3$	1547	$\text{CF}_3\text{CHF}(\text{CF}_2)\text{C}(=\text{O})\text{CH}_3$	0492
$\text{CF}_3\text{C}(=\text{O})\text{CHCl}_2 \cdot 3 \text{H}_2\text{O}$	1544	$\text{CF}_3\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	1054
$\text{CF}_3\text{C}(=\text{O})\text{CHBr}_2$	1135	$\text{CF}_3(\text{CF}_2)_2\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	1542
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{Br}$	0174	$\text{CF}_3\text{CF}(\text{OCF}_3)\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0995
$\text{CF}_3\text{C}(=\text{O})\text{CH}(\text{Br})\text{CH}_3$	1684	$(\text{CF}_3)_2\text{C}=\text{CHC}(=\text{O})\text{CH}_3$	1115
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_3$	1166	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{C}(=\text{O})\text{CF}_3$	0609
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{Br}$	0134	$(\text{CF}_3)_2\text{CFCCF}_2\text{CF}_3$	0824
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CHBr}_2$	1320	$\text{CF}_3\text{CF}_2\text{OCF}(\text{CF}_3)\text{CF}_2\text{OCF}(\text{CF}_3)\text{CF}_2\text{C}(=\text{O})\text{CH}_3$	1940
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{CH}_3$	1541		1193

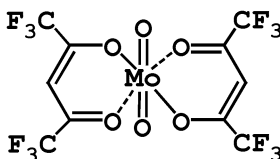
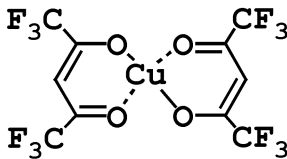
	0605		1548
	0737		1239
	0671		1549
	1782		1211
	0127		1367
	0271		1370
	0681		1372
	0923		1379
	1041		1381
	0727		1382
	0429		

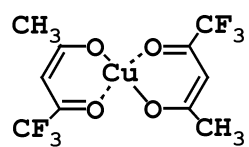
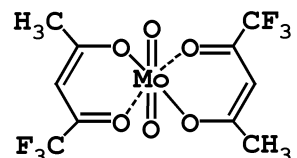
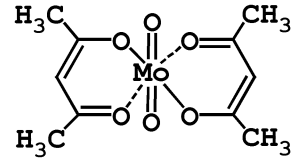
## Ketoesters

	1813		0623
---	------	---	------

$\text{CF}_3\text{C}(=\text{O})\text{COOCH}_2\text{CH}_3$	0394	$\text{CF}_3\text{C}(\text{CH}_3)(=\text{O})\text{COOCH}_2\text{CH}_3$	0376
$\text{CF}_3\text{C}(=\text{O})\text{CONH}_2$	1811	$\text{CF}_3\text{C}(\text{CH}_3)(=\text{O})\text{C}(\text{OCH}_3)\text{COOCH}_2\text{CH}_3$	1716
$\text{CF}_3\text{C}(=\text{O})\text{CONH}_2 \cdot \text{H}_2\text{O}$	1812	$\text{CF}_3\text{C}(=\text{O})\text{C}(\text{CHOCH}_2\text{CH}_3)\text{COOCH}_2\text{CH}_3$	1718
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{COOCH}_3$	0620	$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{COOCH}_3$	0602
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{COOCH}_2\text{CH}_3$	0392	$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{COOCH}_2\text{CH}_3$	1300
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{COOCH}(\text{CH}_3)_2$	0581	$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_2\text{COOCH}_2\text{CH}_3$	1719
$\text{CF}_3\text{C}(=\text{O})\text{CHClCOOCH}_2\text{CH}_3$	0368		1722
$\text{CF}_3\text{C}(=\text{O})\text{CHBrCOOCH}_2\text{CH}_3$	1424	$\text{HCF}_2\text{C}(=\text{O})\text{CH}_2\text{COOCH}_2\text{CH}_3$	0370
$\text{CF}_3\text{C}(=\text{O})\text{CBr}_2\text{COOCH}_2\text{CH}_3$	1291	$\text{HCF}_2(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_2\text{COOCH}_3$	0614

## Diketones

$\text{HCF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CF}_2\text{H}$	0964		1515
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CF}_3$	0475	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CF}_2\text{CF}_3$	0801
	1553	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}(\text{CF}_2)_2\text{CF}_3$	0783

$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})(\text{CF}_2)_3\text{CF}_3$	0851	$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0436
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})(\text{CF}_2)_5\text{CF}_3$	0767	$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0653
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CF}_2\text{CF}_3$	0273	$\text{CF}_3(\text{CF}_2)_4\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	1116
$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})(\text{CF}_2)_2\text{CF}_3$	0833	$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	1024
$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})(\text{CF}_2)_3\text{CF}_3$	0889	$\text{CF}_3(\text{CF}_2)_7\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0414
$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})(\text{CF}_2)_5\text{CF}_3$	0856	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OC}(\text{CF}_3)\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0954
$\text{HCF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0326	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_2\text{CH}_3$	1244
$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	1090	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}(\text{CH}_3)_2$	1241
	0269	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}(\text{CH}_3)_3$	0355
	1516	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}(\text{CH}_3)_2\text{OCH}_3$	1939
	0662	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_2\text{CH}(\text{CH}_3)_2$	1807
$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{CH}_3$	0696	$\text{CF}_3\text{CF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}(\text{CH}_3)_3$	0694
		$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}(\text{CH}_3)_3$	0434
		$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0051

$\text{HCF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0337	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_4\text{CH}_3$	1550
$\text{CF}_3(\text{CF}_2)_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0899	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_4\text{OCH}_3$	0586
$\text{CF}_3(\text{CF}_2)_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0898	$\text{HCF}_2\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_4\text{OCH}_3$	0332
$\text{CF}_3(\text{CF}_2)_5\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0900	$\text{CF}_3\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_4\text{Cl}$	1551
$\text{CF}_3(\text{CF}_2)_7\text{C}(=\text{O})\text{CH}_2\text{C}(=\text{O})\text{C}_6\text{H}_5$	0901		

## CARBOXYLIC ACID DERIVATIVES

## Alifatic Acids and Derivatives

$\text{CF}_3\text{COOH}$	1036	$\text{CF}_3\text{COOCH}_2\text{CF}_3$	1075
$(\text{CF}_3\text{CO})_2\text{O}$	1037	$\text{CF}_3\text{COOCH}(\text{CH}_2\text{F})_2$	1885
$\text{CF}_3\text{COONa}$	0912	$\text{CF}_3\text{COOCH}(\text{CF}_3)_2$	1264
$\text{CF}_3\text{COOK}$	0906	$\text{CF}_3\text{COO}-\text{C}_6\text{H}_5$	1265
$\text{CF}_3\text{COONH}_4$	0049	$\text{CF}_3\text{COO}-\text{C}_6\text{H}_4\text{H}$	1787
$\text{CF}_3\text{COOCH}_3$	0619	$\text{CF}_3\text{COOC}(\text{CF}_3)_3$	1252
$\text{CF}_3\text{COOCH}_2\text{CH}_3$	0391	$\text{CF}_3\text{COBr}$	1203
$\text{CF}_3\text{COOCH}(\text{CH}_3)_2$	0580	$\text{CF}_3\text{COCl}$	1042
$\text{CF}_3\text{COOCH}_2\text{CH}=\text{CH}_2$	0037	$\text{CF}_3\text{COF}$	1043
$\text{CF}_3\text{COO}(\text{CH}_2)_3\text{CH}_3$	1394	$\text{CF}_3\text{CONH}_2$	1035
$\text{CF}_3\text{COOC}(\text{CH}_3)_3$	1395	$\text{CF}_3\text{CONH}(\text{CH}_3)$	1396
$\text{CF}_3\text{COO}-\text{C}_6\text{H}_5$	0896	$\text{CF}_3\text{CON}(\text{CH}_2\text{CH}_3)_2$	1397
$\text{CF}_3\text{COOCH}_2-\text{C}_6\text{H}_5$	1393		

$\text{CF}_3\text{CONOCH}_3$ $\quad \quad \quad  $ $\quad \quad \quad \text{CH}_3$	0584	$\text{CF}_3\text{CF}_2\text{CF}_2\text{COF}$	1546
$(\text{CF}_3\text{CO})_2\text{NCH}_3$	1398	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CONH}_2$	0425
$\text{CF}_3\text{CONHNH}_2$	1266	$\text{CF}_3(\text{CF}_2)_3\text{COOH}$	0862
$\text{CF}_3\text{C} \begin{array}{l} \nearrow \text{OSi}(\text{CH}_3)_3 \\ \searrow \text{NSi}(\text{CH}_3)_3 \end{array}$	0098	$(\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{CO})_2\text{O}$	0863
$\text{CF}_3\text{CF}_2\text{COOH}$	0723	$\text{CF}_3(\text{CF}_2)_3\text{COONa}$	1164
$(\text{CF}_3\text{CF}_2\text{CO})_2\text{O}$	0716	$\text{CF}_3(\text{CF}_2)_3\text{COOK}$	1152
$\text{CF}_3\text{CF}_2\text{COONa}$	0909	$\text{CF}_3(\text{CF}_2)_3\text{COOCH}_3$	1157
$\text{CF}_3\text{CF}_2\text{COOK}$	1240	$\text{CF}_3(\text{CF}_2)_3\text{COOCH}_2\text{CH}_3$	0387
$\text{CF}_3\text{CF}_2\text{COONH}_4$	0048	$\text{CF}_3(\text{CF}_2)_3\text{COOCH}_2\text{CH}=\text{CH}_2$	0035
$\text{CF}_3\text{CF}_2\text{COOCH}_3$	0603	$\text{CF}_3(\text{CF}_2)_3\text{COBr}$	0867
$\text{CF}_3\text{CF}_2\text{COOCH}_2\text{CH}_3$	0380	$\text{CF}_3(\text{CF}_2)_3\text{COCl}$	0869
$\text{CF}_3\text{CF}_2\text{COO}(\text{CH}_2)_3\text{CH}_3$	1403	$\text{CF}_3(\text{CF}_2)_3\text{COF}$	1428
$\text{CF}_3\text{CF}_2\text{COOC}(\text{CH}_3)_3$	1404	$\text{CF}_3(\text{CF}_2)_3\text{CONH}_2$	1417
$\text{CF}_3\text{CF}_2\text{COBr}$	0724	$\text{CF}_3(\text{CF}_2)_4\text{COONa}$	1963
$\text{CF}_3\text{CF}_2\text{COCl}$	0725	$\text{CF}_3(\text{CF}_2)_5\text{COOH}$	0787
$\text{CF}_3\text{CF}_2\text{COF}$	0879	$[\text{CF}_3(\text{CF}_2)_5\text{CO}]_2\text{O}$	0785
$\text{CF}_3\text{CF}_2\text{CONH}_2$	0714	$\text{CF}_3(\text{CF}_2)_5\text{COONa}$	1600
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COOH}$	0426	$\text{CF}_3(\text{CF}_2)_5\text{COOK}$	1151
$(\text{CF}_3\text{CF}_2\text{CF}_2\text{CO})_2\text{O}$	0427	$\text{CF}_3(\text{CF}_2)_5\text{COOCH}_3$	0608
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COONa}$	0908	$\text{CF}_3(\text{CF}_2)_5\text{COOCH}_2\text{CH}_3$	0381
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COOK}$	1148	$\text{CF}_3(\text{CF}_2)_5\text{COOCH}_2\text{CF}_2\text{CF}_2\text{CF}_3$	1129
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COOCH}_3$	0598	$\text{CF}_3(\text{CF}_2)_5\text{COBr}$	0791
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COOCH}_2\text{CH}_3$	0373	$\text{CF}_3(\text{CF}_2)_5\text{COCl}$	0793
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COO}(\text{CH}_2)_3\text{CH}_3$	0187	$\text{CF}_3(\text{CF}_2)_5\text{COF}$	0795
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COBr}$	0430	$\text{CF}_3(\text{CF}_2)_5\text{CONH}_2$	1026
$\text{CF}_3\text{CF}_2\text{CF}_2\text{COCl}$	0431	$\text{CF}_3(\text{CF}_2)_6\text{COOH}$	1286
		$\text{CF}_3(\text{CF}_2)_6\text{COONa}$	1780
		$\text{CF}_3(\text{CF}_2)_6\text{COOCH}_3$	1406



$\text{CF}_3(\text{CF}_2)_6\text{COOCH}_2\text{CH}_3$	1407	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOOCH}_3$   $\text{CF}_3$	0612
$\text{CF}_3(\text{CF}_2)_6\text{COO}(\text{CH}_2)_3\text{CH}_3$	1408		
$\text{CF}_3(\text{CF}_2)_6\text{COBr}$	1650	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOOCH}_2\text{CH}_3$   $\text{CF}_3$	0382
$\text{CF}_3(\text{CF}_2)_6\text{COCl}$	1651		
$\text{CF}_3(\text{CF}_2)_6\text{COF}$	1652	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOBr}$   $\text{CF}_3$	0819
$\text{CF}_3(\text{CF}_2)_7\text{COOH}$	0836		
$\text{CF}_3(\text{CF}_2)_7\text{COOK}$	1777	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOCl}$   $\text{CF}_3$	0820
$\text{CF}_3(\text{CF}_2)_7\text{COONH}_4$	1661		
$\text{CF}_3(\text{CF}_2)_7\text{COOCH}_3$	0613	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOF}$   $\text{CF}_3$	0821
$\text{CF}_3(\text{CF}_2)_7\text{COOCH}_2\text{CH}_3$	0385		
$\text{CF}_3(\text{CF}_2)_7\text{COOCH}_2\text{CH}=\text{CH}_2$	0034	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCONH}_2$   $\text{CF}_3$	0822
$\text{CF}_3(\text{CF}_2)_7\text{COBr}$	0839		
$\text{CF}_3(\text{CF}_2)_7\text{COCl}$	0840	$\text{F}(\text{CFCF}_2\text{O})_2\text{CFCOOH}$   $\text{CF}_3$   $\text{CF}_3$	1171
$\text{CF}_3(\text{CF}_2)_7\text{COF}$	1649		
$\text{CF}_3\text{CFCOCH}_3$   $\text{CF}_3$	0599	$\text{F}(\text{CFCF}_2\text{O})_2\text{CFCOOCH}_3$   $\text{CF}_3$   $\text{CF}_3$	0606
$(\text{CF}_3\text{OCF}_2\text{CF}_2\text{CO})_2\text{O}$	1844	$\text{F}(\text{CFCF}_2\text{O})_2\text{CFCOF}$   $\text{CF}_3$   $\text{CF}_3$	0776
$\text{CF}_3\text{CFCOOCH}_3$   $\text{OCF}_3$	0600		
$\text{CH}_3\text{OCF}_2\text{CF}_2\text{COOH}$	1884	$\text{F}(\text{CFCF}_2\text{O})_2\text{CFCONHCH}_2\text{CH}_2\text{OH}$   $\text{CF}_3$   $\text{CF}_3$	0515
$\text{CH}_3\text{OCF}_2\text{CF}_2\text{COOCH}_3$	1854	$\text{F}(\text{CFCF}_2\text{O})_3\text{CFCOOCH}_3$   $\text{CF}_3$   $\text{CF}_3$	1750
$\text{CF}_3\text{CFCOOCH}_2\text{CH}_3$   $\text{OCH}_2\text{CH}_3$	1187	$\text{F}(\text{CFCF}_2\text{O})_3\text{CFCOF}$   $\text{CF}_3$   $\text{CF}_3$	1242
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOOH}$   $\text{CF}_3$	0818	$\text{F}(\text{CFCF}_2\text{O})_4\text{CFCOOH}$   $\text{CF}_3$   $\text{CF}_3$	1840
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOONH}_4$   $\text{CF}_3$	0050	$\text{F}(\text{CFCF}_2\text{O})_4\text{CFCOOCH}_3$   $\text{CF}_3$   $\text{CF}_3$	1749

$\text{F}(\text{CFCF}_2\text{O})_4\text{CFCOF}$ 	0514		1084
$\text{F}(\text{CFCF}_2\text{O})_5\text{CFCOF}$ 	1888	$\text{C}_6\text{H}_5\text{CF}_2\text{COOCH}_2\text{CH}_3$	1853
$\text{F}(\text{CFCF}_2\text{O})_6\text{CFCOF}$ 	1889	$\text{BrCF}_2\text{CF}_2\text{OCFCF}_2\text{OCFCOOCH}_3$ 	1965
	1668	$\text{BrCF}_2\text{COOH}$	0113
	1825	$(\text{BrCF}_2\text{CO})_2\text{O}$	1826
	0759	$\text{BrCF}_2\text{COONa}$	1415
	0757	$\text{BrCF}_2\text{COOK}$	1774
	0758	$\text{BrCF}_2\text{COOCH}_3$	0590
	0756	$\text{BrCF}_2\text{COOCH}_2\text{CH}_3$	0363
$\text{CH}_3\text{OOC}(\text{CF}_2)_4\text{COOCH}_3$	1305	$\text{BrCF}_2\text{COBr}$	0114
$\text{KOOC}(\text{CF}_2)_4\text{COOK}$	1775	$\text{BrCF}_2\text{COC}l$	0115
$\text{CH}_3\text{OOC}(\text{CF}_2)_4\text{COOCH}_3$	0348	$\text{BrCF}_2\text{COF}$	0116
$\text{CH}_3\text{CH}_2\text{OOC}(\text{CF}_2)_4\text{COOCH}_2\text{CH}_3$	1421	$\text{BrCF}_2\text{CONH}_2$	1416
$\text{ClOC}(\text{CF}_2)_4\text{COC}l$	1420	$\text{ClCF}_2\text{COOH}$	0198
$\text{FOC}(\text{CF}_2)_4\text{COF}$	0658	$\text{ClCF}_2\text{COOCH}_3$	1413
$\text{H}_2\text{NOC}(\text{CF}_2)_4\text{CONH}_2$	0656	$\text{ClCF}_2\text{COOCH}_2\text{CH}_3$	0365
$\text{CH}_3\text{OOC}(\text{CF}_2)_6\text{COOCH}_3$	1964	$\text{ClCF}_2\text{COOC}(\text{CH}_3)_3$	0185
$\text{CH}_3\text{OOC}(\text{CF}_2)_4\text{COOCH}_3$ 	1290	$\text{ClCF}_2\text{COBr}$	0199
		$\text{ClCF}_2\text{COC}l$	0200
		$\text{ClCF}_2\text{COF}$	0201
		$\text{ClCF}_2\text{CONH}_2$	0197
		$\text{Cl}_2\text{CFCOOH}$	1827
		$\text{Cl}_2\text{CFCOONa}$	1842
		$\text{Cl}_2\text{CFCOOCH}_3$	1833
		$\text{Cl}_2\text{CFCOOCH}_2\text{CH}_3$	1288

$\text{ICF}_2\text{COOH}$	1883	$\text{CF}_3\text{CFCOBr}$ $\text{Br}$	0169
$\text{ICF}_2\text{COOCH}_2\text{CH}_3$	0371	$\text{CF}_3\text{CFCOCl}$ $\text{Br}$	0170
$\text{ICF}_2\text{COF}$	0331	$\text{CF}_3\text{CFCOF}$ $\text{Br}$	0171
$\text{ClCF}_2\text{CF}_2\text{COOH}$	0250	$\text{CF}_3\text{CFCONH}_2$ $\text{Br}$	0166
$\text{ClCF}_2\text{CF}_2\text{COOCH}_3$	0595	$\text{ClCF}_2\text{CFCOOCH}_3$ $\text{Cl}$	1159
$\text{ClCF}_2\text{CF}_2\text{COOCH}_2\text{CH}_3$	0367	$\text{ClCF}_2(\text{CF}_2)_3\text{COOH}$	0225
$\text{ClCF}_2\text{CF}_2\text{COC1}$	0253	$\text{ClCF}_2(\text{CF}_2)_3\text{COOCH}_3$	0594
$\text{ClCF}_2\text{CF}_2\text{COF}$	0255	$\text{ClCF}_2(\text{CF}_2)_3\text{COC1}$	0241
$\text{CF}_3\text{CFCOOH}$ $\text{Cl}$	0257	$\text{ClCF}_2(\text{CF}_2)_3\text{COF}$	0242
$\text{CF}_3\text{CFCOOCH}_3$ $\text{Cl}$	1402	$\text{ClCF}_2(\text{CF}_2)_5\text{COOH}$	0230
$\text{CF}_3\text{CFCOOCH}_2\text{CH}_3$ $\text{Cl}$	0366	$\text{ClCF}_2(\text{CF}_2)_5\text{COONa}$	0907
$\text{CF}_3\text{CFCOBr}$ $\text{Cl}$	0251	$\text{ClCF}_2(\text{CF}_2)_5\text{COOCH}_3$	0592
$\text{CF}_3\text{CFCOC1}$ $\text{Cl}$	0252	$\text{ClCF}_2(\text{CF}_2)_5\text{COC1}$	0231
$\text{CF}_3\text{CFCOF}$ $\text{Cl}$	0254	$\text{ClCF}_2(\text{CF}_2)_5\text{COF}$	0232
$\text{CF}_3\text{CFCONH}_2$ $\text{Cl}$	0248	$\text{ClCF}_2(\text{CF}_2)_7\text{COOH}$	0236
$\text{CF}_3\text{CFCOOH}$ $\text{Br}$	0168	$\text{ClCF}_2(\text{CF}_2)_7\text{COOCH}_3$	0593
$\text{CF}_3\text{CFCOOCH}_3$ $\text{Br}$	0591	$\text{ClCF}_2(\text{CF}_2)_7\text{COC1}$	0237
$\text{CF}_3\text{CFCOOCH}_2\text{CH}_3$ $\text{Br}$	0364	$\text{ClCF}_2(\text{CF}_2)_9\text{COOH}$	1389
		$\text{HCF}_2\text{COOH}$	0324
		$(\text{HCF}_2\text{CO})_2\text{O}$	1702
		$\text{HCF}_2\text{COONa}$	1161
		$\text{HCF}_2\text{COOK}$	1149
		$\text{HCF}_2\text{COOCH}_3$	0596

$\text{HCF}_2\text{COOCH}_2\text{CH}_3$	0369	$\text{HCF}_2(\text{CF}_2)_7\text{COOCH}_3$	1886
$\text{HCF}_2\text{COO}(\text{CH}_2)_3\text{CH}_3$	1399	$\text{HCF}_2(\text{CF}_2)_7\text{COOCH}_2\text{CH}_3$	0384
$\text{HCF}_2\text{COCl}$	0325	$\text{HCF}_2(\text{CF}_2)_7\text{COBr}$	1387
$\text{HCF}_2\text{COF}$	1828	$\text{HCF}_2(\text{CF}_2)_7\text{COCl}$	1388
$\text{HCF}_2\text{CONH}_2$	1138	$\text{HCF}_2(\text{CF}_2)_9\text{COOH}$	0890
$\text{HCF}_2\text{CF}_2\text{COOH}$	0972	$\text{HCF}_2(\text{CF}_2)_9\text{COOCH}_2\text{CH}_3$	0388
$\text{HCF}_2\text{CF}_2\text{COOCH}_3$	1256	$\text{HCF}_2(\text{CF}_2)_9\text{COCl}$	0892
$\text{HCF}_2\text{CF}_2\text{COOCH}_2\text{CH}_3$	1725	$\text{CF}_3\text{CHF}\text{COOH}$	0971
$\text{HCF}_2\text{CF}_2\text{COBr}$	0974	$\text{CF}_3\text{CHF}\text{COOCH}_3$	0617
$\text{HCF}_2\text{CF}_2\text{COCl}$	0975	$\text{CF}_3\text{CHF}\text{COOCH}_2\text{CH}_3$	0390
$\text{HCF}_2\text{CF}_2\text{CF}_2\text{COOH}$	1863	$\text{CF}_3\text{CHF}\text{CONH}_2$	0970
$\text{HCF}_2\text{CF}_2\text{CF}_2\text{COOCH}_3$	1864	$\text{CF}_3\text{CHF}\text{CON}(\text{CH}_2\text{CH}_3)_2$	1400
$\text{HCF}_2(\text{CF}_2)_3\text{COOH}$	0861	$\text{CF}_3\text{CHF}\text{CF}_2\text{COOH}$	1383
$\text{HCF}_2(\text{CF}_2)_3\text{COONa}$	1779	$\text{CF}_3\text{CHF}\text{CF}_2\text{COOK}$	1855
$\text{HCF}_2(\text{CF}_2)_3\text{COOK}$	1957	$\text{CF}_3\text{CHF}\text{CF}_2\text{COONa}$	1386
$\text{HCF}_2(\text{CF}_2)_3\text{COOCH}_3$	0615	$\text{CF}_3\text{CHF}\text{CF}_2\text{COOCH}_3$	1384
$\text{HCF}_2(\text{CF}_2)_3\text{COOCH}_2\text{CH}_3$	0386	$\text{CF}_3\text{CHF}\text{CF}_2\text{COOCH}_2\text{CH}_3$	1385
$\text{HCF}_2(\text{CF}_2)_3\text{COBr}$	0866	$\text{CF}_3\text{CH}\text{COOH}$	1105
$\text{HCF}_2(\text{CF}_2)_3\text{COCl}$	0868	$\text{CF}_3\text{CH}\text{COOH}$	
$\text{HCF}_2(\text{CF}_2)_3\text{COF}$	0870	$\text{CF}_3\text{CH}\text{COOCH}_3$	0624
$\text{HCF}_2(\text{CF}_2)_5\text{COOH}$	0786	$\text{CF}_3\text{CH}\text{COOCH}_3$	
$\text{HCF}_2(\text{CF}_2)_5\text{COONa}$	0911	$\text{CF}_3\text{CH}\text{COCl}$	1270
$\text{HCF}_2(\text{CF}_2)_5\text{COOCH}_3$	0607	$\text{CF}_3\text{CH}\text{COCl}$	
$\text{HCF}_2(\text{CF}_2)_5\text{COOCH}_2\text{CH}_3$	1409	$\text{CF}_3\text{CH}\text{COOH}$	1795
$\text{HCF}_2(\text{CF}_2)_5\text{COBr}$	0790	$\text{CF}_3\text{CH}\text{COOH}$	
$\text{HCF}_2(\text{CF}_2)_5\text{COCl}$	0792	$\text{CF}_3\text{CH}\text{COOH}$	1796
$\text{HCF}_2(\text{CF}_2)_5\text{COF}$	0794	$\text{CF}_3\text{CH}\text{COOH}$	
$\text{HCF}_2(\text{CF}_2)_7\text{COOH}$	0835	$\text{CF}_3\text{CH}_2\text{COOH}$	1095




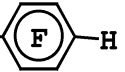
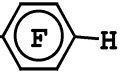

$\text{CF}_3\text{CH}_2\text{COOCH}_3$	1268	$\text{CF}_3\underset{\text{CH}_3}{\text{CHCH}_2\text{COOH}}$	1653
$\text{CF}_3\text{CH}_2\text{COOCH}_2\text{CH}_3$	1269	$\text{CF}_3\underset{\text{CH}_3}{\text{CHCH}_2\text{COOCH}_2\text{CH}_3}$	0393
$\text{CF}_3\text{CH}_2\text{COC1}$	1100	$\text{CF}_3\underset{\text{CF}_3}{\text{CHCH}_2\text{COOH}}$	1405
$\text{CF}_3\underset{\text{CF}_3}{\text{CFCH}_2\text{COOH}}$	1861	$\text{CF}_3\underset{\text{CF}_3}{\text{CHCH}_2\text{COOCH}_3}$	1962
$\text{CF}_3\text{CH}_2\text{CH}_2\text{COOH}$	1059	$\text{CF}_3\underset{\text{CF}_3}{\text{CHCH}_2\text{COOCH}_2\text{CH}_3}$	0395
$\text{CF}_3\text{CH}_2\text{CH}_2\text{COOCH}_3$	1834	$\text{CF}_3\underset{\text{CF}_3}{\text{CHCH}_2\text{COOH}}$	0810
$\text{CF}_3\text{CH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$	1254	$\text{CF}_3\underset{\text{NH}_2}{\text{CHCHCOOH}}$	0507
$\text{CF}_3\text{CH}_2\text{CH}_2\text{COO}(\text{CH}_2)_3\text{CF}_3$	1803	$\text{CF}_3\underset{\text{NH}_2}{\text{CHCHCOOCH}_2\text{CH}_3}$	1168
$\text{CF}_3\text{CH}_2\text{CH}_2\text{CONH}_2$	1081	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{COOH}$	0438
$\text{CF}_3\text{CH}_2\underset{\text{Br}}{\text{CHCOOH}}$	1685	$\text{CF}_3\underset{\text{CF}_3}{\text{CFCH}_2\text{CH}_2\text{COOH}}$	1004
$\text{CF}_3\underset{\text{Br}}{\text{CHCH}_2\text{COOCH}_2\text{CH}_3}$	1713	$\text{CF}_3\text{OCFCH}_2\text{CH}_2\text{COOH}$	0993
$\text{CF}_3\underset{\text{Cl}}{\text{CHCH}_2\text{COOCH}_2\text{CH}_3}$	1715	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CH}_2\text{COOH}$	0956
$\text{CF}_3\underset{\text{NH}_2}{\text{CHCH}_2\text{COOH}}$	1294	$\text{CF}_3\text{CF}_2\underset{\text{CF}_3}{\text{CFCH}_2\text{CH}_2\text{COOH}}$	0505
$\text{CF}_3\underset{\text{NH}_2}{\text{CHCH}_2\text{COOCH}_3}$	1832	$\text{CF}_3(\text{CF}_2)_4\text{CH}_2\text{CH}_2\text{COOH}$	0825
$\text{CF}_3\underset{\text{NH}_2}{\text{CHCH}_2\text{COOCH}_2\text{CH}_3}$	1712	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{COOH}$	0834
$\text{CF}_3\text{CH}_2\underset{\text{CH}_3}{\text{CHCOOH}}$	1158	$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{COOCH}_3$	1411
$\text{CF}_3\text{CH}_2\underset{\text{CH}_3}{\text{CHCOOCH}_2\text{CH}_3}$	0378		
$\text{CF}_3\text{CH}_2\underset{\text{CH}_3}{\text{CHCOC1}}$	1637		

$\text{CF}_3\text{CF}_2\text{CF}_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{C}}}\text{CH}_2\text{CH}_2\text{COOH}$	0415	$\text{CF}_3\overset{\text{OH}}{\text{CH}}\text{CH}_2\text{COOCH}_2\text{CH}_3$	0375
$\text{BrCF}_2\text{CF}_2\text{CH}_2\text{CH}_2\text{COOH}$	0162	$\text{CF}_3\overset{\text{OH}}{\text{CH}}\text{CH}_2\text{CONH}_2$	0519
$\text{BrCF}_2\overset{\text{Cl}}{\text{CF}}\text{CH}_2\text{CH}_2\text{COOH}$	0105		
$\text{CF}_3(\text{CH}_2)_3\text{COOH}$	1809	$\text{CF}_3\overset{\text{CH}_3}{\underset{\text{OH}}{\text{CH}}}\text{CHCOOCH}_2\text{CH}_3$	1423
$\text{CF}_3(\text{CH}_2)_3\text{COOCH}_2\text{CH}_3$	1887	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{COOH}$	0518
$\text{CF}_3\text{CF}_2(\text{CH}_2)_3\text{COOH}$	1410	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{CH}_2\text{COOH}$	1078
$\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{COOCH}_3$	1154	$\text{CF}_3\overset{\text{CH}_3}{\underset{\text{OH}}{\text{C}}}\text{CH}_2\text{COOH}$	0516
$\text{CF}_3\overset{\text{OH}}{\text{CH}}\text{COOH}$	1132	$\text{CF}_3\text{CF}_2\text{CF}=\text{CFCOOH}$	0440
$\text{CF}_3\overset{\text{OH}}{\text{CH}}\text{COOCH}_3$	1748	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{CF}=\text{CFCOOH}$	0829
$\text{CF}_3\overset{\text{OH}}{\text{CH}}\text{COOCH}_2\text{CH}_3$	1243	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{CF}=\text{CFCOC1}$	0830
$\text{HOCH}_2\overset{\text{CF}_3}{\underset{\text{CF}_3}{\text{CH}}}\text{COOH}$	0517	$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{CF}=\text{CFCOF}$	0831
$\text{CF}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{COOCH}_2\text{CH}_3$	0850	$\text{CF}_2=\text{CFCH}_2\text{CH}_2\text{COOH}$	1093
$\text{CH}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{COOH}$	1131	$\text{CF}_3\text{CH}=\text{CHCOOH}$	1060
$\text{CH}_3\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{COOCH}_2\text{CH}_3$	1720	$\text{CF}_3\text{CH}=\text{CHCOOCH}_3$	0622
$\text{CH}_3\text{CH}_2\overset{\text{CF}_3}{\underset{\text{OH}}{\text{C}}}\text{COOH}$	1284	$\text{CF}_3\text{CH}=\text{CHCOOCH}_2\text{CH}_3$	1238
$\text{CCl}_3\overset{\text{OH}}{\text{CH}}\text{CH}_2\text{COOCH}_2\text{CH}_3$	0374	$\text{CF}_3\text{CH}=\text{CHCOC1}$	1431
		$\text{CF}_3\text{CH}=\text{CHCONH}_2$	1303
		$\text{CF}_3\text{CH}=\overset{\text{CH}_3}{\text{C}}\text{COOCH}_2\text{CH}_3$	0377

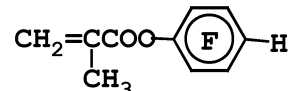
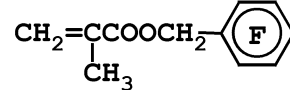
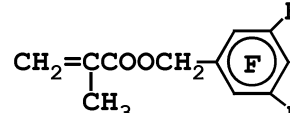
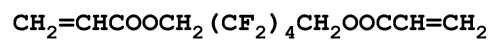
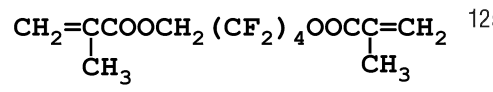
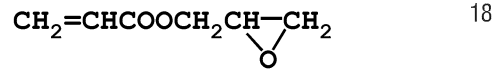
$\text{CF}_3\text{C}(\text{CH}_3)=\text{CHCOOH}$	1285	$\text{BrCF}_2\text{C}(\text{Cl})\text{FCH}=\text{CHCOOH}$	0108
$\text{CF}_3\text{C}(\text{CH}_3)=\text{CHCOOCH}_2\text{CH}_3$	1218	$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{CH}=\text{CHCOOH}$	0416
$\text{CF}_3\text{C}(\text{CF}_3)=\text{CHCOOH}$	1104	$\text{CF}_3\text{CH}_2\text{CH}=\text{CHCOOH}$	1102
$\text{CF}_3\text{C}(\text{CF}_3)=\text{CHCOOCH}_2\text{CH}_3$	0396	$\text{CF}_3\text{CH}_2\text{CH}=\text{CHCOOCH}_2\text{CH}_3$	1726
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}=\text{CHC}(=\text{O})\text{OH}$	0804	$\text{CF}_3\text{CH}_2\text{C}(\text{CH}_3)_2\text{COOCH}_2\text{CH}_3$	1717
$\text{CF}_3\text{C}(\text{CF}_3)\text{FCH}=\text{CHCOOH}$	1008	$\text{CH}_3\text{COOCHClCF}_3$	1878
$\text{CF}_3\text{OCFCH}=\text{CHCOOH}$	0997	$\text{CH}_3\text{COOCH}_2\text{CF}_3$	1070
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}=\text{CHCOOH}$	0959	$\text{CH}_3\text{COOCH}_2\text{CF}_2\text{CF}_2\text{H}$	1283
$\text{CF}_3\text{CF}_2\text{C}(\text{CF}_3)\text{FCH}=\text{CHCOOH}$	0509	$\text{CH}_3\text{COOCH}_2\text{CHF}_2$	1390
$\text{CF}_3(\text{CF}_2)_5\text{CH}=\text{CHCOOH}$	0841	$\text{CH}_3\text{COOCH}(\text{CH}_3)\text{CF}_3$	1805
		$\text{CH}_3\text{CH}_2\text{COOCH}_2\text{-}\langle\text{F}\rangle$	1392
		$\text{CH}_3(\text{CH}_2)_4\text{COO}(\text{CH}_2)_3\text{CF}_3$	1802

## Acrylates and Methacrylates

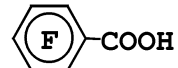
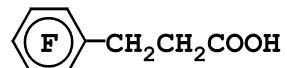
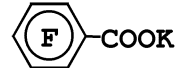
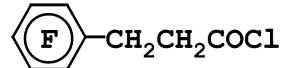
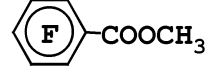
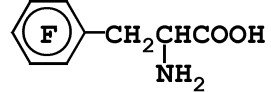

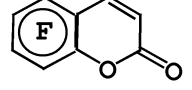
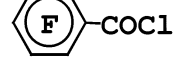
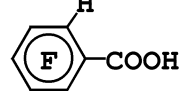
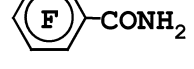
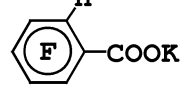
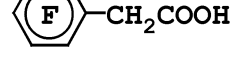
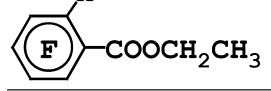

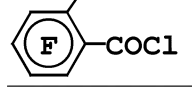
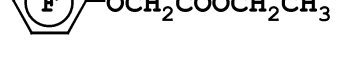
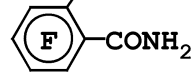
$\text{CF}_2=\text{CFCOOCH}_3$	0621	$\text{CH}_2=\text{CHCOOCF}(\text{CF}_3)_2$	0454
$\text{CH}_2=\text{CCOOH}$	1313	$\text{CH}_2=\text{CHCOOCH}_2\text{CCl}_3$	1014
$\text{CH}_2=\text{CCOOCH}_3$	1429	$\text{CH}_2=\text{CHCOOCH}_2\text{CF}_3$	1071
$\text{CH}_2=\text{CCOOCH}_3$	1429	$\text{CH}_2=\text{CHCOOCH}_2\text{CF}_2\text{CF}_3$	0728
$\text{CH}_2=\text{CCOOC}(\text{CH}_3)_3$	1430	$\text{CH}_2=\text{CHCOOCH}_2\text{CF}_2\text{CF}_2\text{CF}_3$	0420
		$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_5\text{CF}_3$	1295
		$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_7\text{CF}_3$	1838

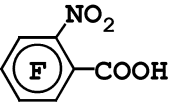
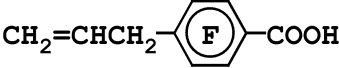
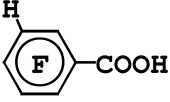
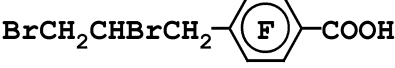
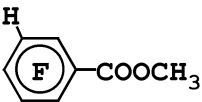
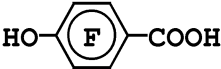
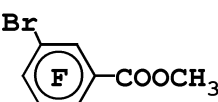
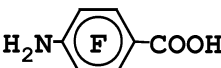
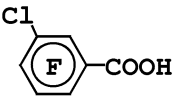
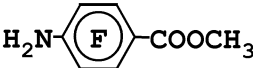

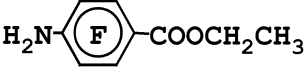

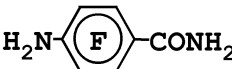
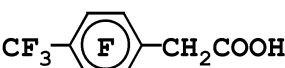
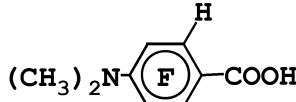
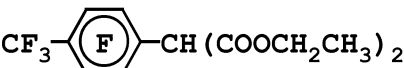
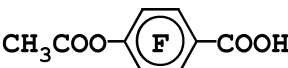
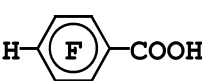
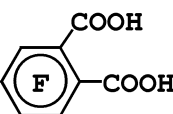
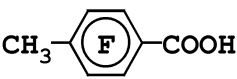

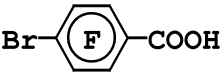

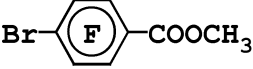
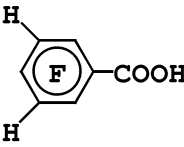
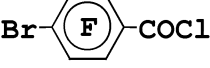
$\text{CH}_2=\text{CHCOOCH}(\text{CF}_3)_2$	0487	$\text{CH}_2=\text{CCOOCH}_2\text{CF}_2\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	0731
$\text{CH}_2=\text{CHCOOC}(\text{CF}_3)_2$ $\quad\quad\quad\text{CH}_3$	1730	$\text{CH}_2=\text{CCOOCH}_2\text{CF}_2\text{CF}_2\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	0422
$\text{CH}_2=\text{CHCOOCH}_2\text{CH}_2\text{F}$	1829	$\text{CH}_2=\text{CCOOCH}_2(\text{CF}_2)_5\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	1298
$\text{CH}_2=\text{CHCOOCH}_2\text{CF}_2\text{CHF}\text{CF}_3$	0479	$\text{CH}_2=\text{CCOOCH}_2\text{CF}_2\text{CHF}\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	0480
$\text{CH}_2=\text{CHCOOCH}_2\text{CF}_2\text{CF}_2\text{H}$	0977	$\text{CH}_2=\text{CCOOCH}(\text{CF}_3)_2$ $\quad\quad\quad\text{CH}_3$	0471
$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_3\text{CF}_2\text{H}$	0665	$\text{CH}_2=\text{CCOOCH}_2\text{CF}_2\text{CF}_2\text{H}$ $\quad\quad\quad\text{CH}_3$	0979
$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_5\text{CF}_2\text{H}$	0359	$\text{CH}_2=\text{CCOOCH}_2(\text{CF}_2)_3\text{CF}_2\text{H}$ $\quad\quad\quad\text{CH}_3$	0666
$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_7\text{CF}_2\text{H}$	0843	$\text{CH}_2=\text{CCOOCH}_2(\text{CF}_3)_5\text{CF}_2\text{H}$ $\quad\quad\quad\text{CH}_3$	1426
$\text{CH}_2=\text{CHCOOCH}_2(\text{CF}_2)_9\text{CF}_2\text{H}$	0893	$\text{CH}_2=\text{CCOOCH}_2(\text{CF}_3)_7\text{CF}_2\text{H}$ $\quad\quad\quad\text{CH}_3$	1948
$\text{CH}_2=\text{CHCOOCH}_2\text{CH}_2(\text{CF}_2)_3\text{CF}_3$	1946	$\text{CH}_2=\text{CCOOCH}_2(\text{CF}_2)_9\text{CF}_2\text{H}$ $\quad\quad\quad\text{CH}_3$	0894
$\text{CH}_2=\text{CHCOOCH}_2\text{CH}_2(\text{CF}_2)_5\text{CF}_3$	1947	$\text{CH}_2=\text{CCOOCH}_2\text{CH}_2(\text{CF}_3)_3\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	1427
$\text{CH}_2=\text{CHCOOCH}_2\text{CH}_2(\text{CF}_2)_7\text{CF}_3$	0771	$\text{CH}_2=\text{CCOOCH}_2\text{CH}_2(\text{CF}_3)_5\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	1308
$\text{CH}_2=\text{CHCOOCH}_2\text{CFOCF}_2\text{CFOCF}_3\text{F}_7$ $\quad\quad\quad\text{CF}_3\quad\quad\quad\text{CF}_3$	1227	$\text{CH}_2=\text{CCOOCH}_2\text{CH}_2(\text{CF}_2)_7\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	0772
$\text{CH}_2=\text{CHCOOCH}_2\text{CH}_2\text{CH}_2\text{C}(\text{CF}_3)_2\text{CF}_3$ $\quad\quad\quad\text{CF}_3$	1914	$\text{CH}_2=\text{CCOOCH}_2\text{CH}_2(\text{CF}_2)_7\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	0772
$\text{CH}_2=\text{CHCOOCH}_2$ 	0684	$\text{CH}_2=\text{CCOO}$ 	1656
$\text{CH}_2=\text{CHCOO}$ 	1656	$\text{CH}_2=\text{CHCOO}$ 	1657
$\text{CH}_2=\text{CHCOO}$ 	1657	$\text{CH}_2=\text{CCOOCH}_2\text{CCl}_3$ $\quad\quad\quad\text{CH}_3$	1016
$\text{CH}_2=\text{CCOOCH}_2\text{CCl}_3$ $\quad\quad\quad\text{CH}_3$	1016	$\text{CH}_2=\text{CCOOCH}_2\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	1073
$\text{CH}_2=\text{CCOOCH}_2\text{CF}_3$ $\quad\quad\quad\text{CH}_3$	1073	$\text{CH}_2=\text{CCOO}$ 	1302

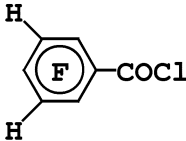
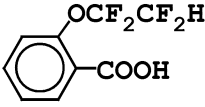
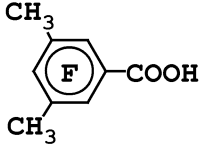
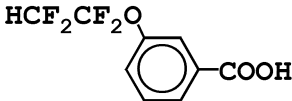
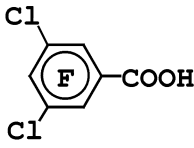
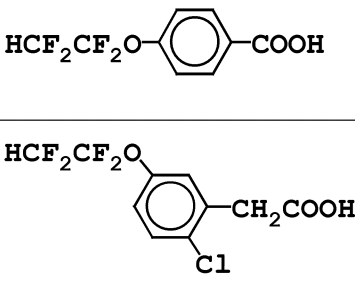
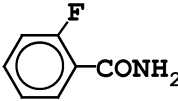
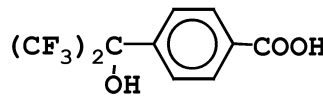
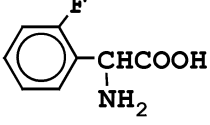
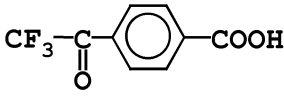
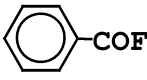
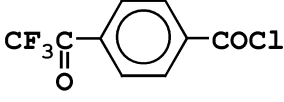


	1301		
	0688		
	1917		
			1165
			1253
			1817

## Aromatic Acids and Derivatives

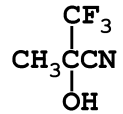

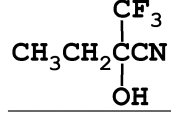
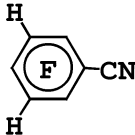
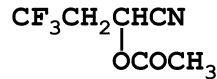
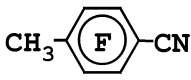
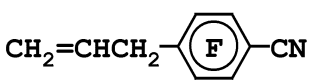
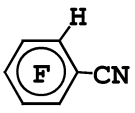
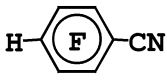
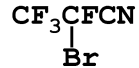
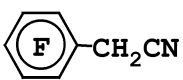
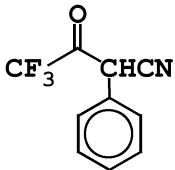
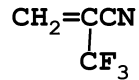
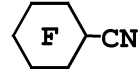
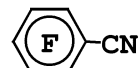
	0679		0710
	1123		1758
	0601		0706
	0379		1785
	0683		0921
	0675		1896
	0704		1345
	0701		0926
	1723		1346

	1347		1247
	1351		1360
	1352		0962
	1354		0046
	1350		0589
	1513		0362
	1498		0045
	0885		1136
	1877		1658
	0922		1894
	0642		0985
	1357		1895
	1355		1049
	1921		

	1051		0940
	1063		0941
	0310		0942
	1200		1869
	0412		1422
	1662		1847

## Nitriles

$\text{CF}_3\text{CN}$	1040	$\text{CF}_3\text{CHFCN}$	0973
$\text{CF}_3\text{CF}_2\text{CN}$	0715	$\text{CF}_3\text{CH}_2\text{CN}$	1162
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CN}$	0428	$\text{CF}_3\text{CH}_2\text{CH}_2\text{CN}$	1134
$\text{CF}_3\text{CFCN}$   $\text{CF}_3$	1226	$\text{CF}_3\text{CF}_2\text{CH}_2\text{CH}_2\text{CN}$	1484
$\text{CF}_3(\text{CF}_2)_3\text{CN}$	0860	$\text{CF}_3(\text{CH}_2)_3\text{CN}$	1197
$\text{CF}_3(\text{CF}_2)_5\text{CN}$	0784	$\text{CF}_3\text{CH}_2\text{CHCN}$   $\text{OH}$	1504
$\text{CF}_3(\text{CF}_2)_7\text{CN}$	1857	$\text{CF}_3\text{C(CF}_3\text{)CCN}$   $\text{OH}$	1734
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCN}$   $\text{CF}_3$	0823		

	1039		1897
	1204		1021
	1500		1249
$\text{HCF}_2\text{CN}$	0256		1485
$\text{HCF}_2\text{CF}_2\text{CF}_2\text{CF}_2\text{CN}$	1985		1348
$\text{BrCF}_2\text{CN}$	1289		1349
	0167		0705
$\text{NC}(\text{CF}_2)_4\text{CN}$	0657		1773
$\text{NCCF}_2\text{CF}_2\text{CN}$	1791		
$\text{CF}_3\text{CH}=\text{CHCN}$	1207		
	1082		
	0042		
	0680		

## ETHERS

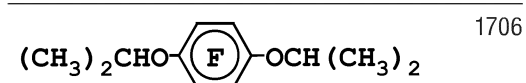
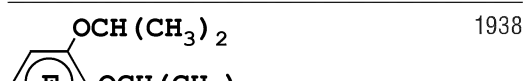
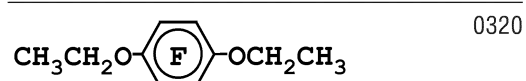
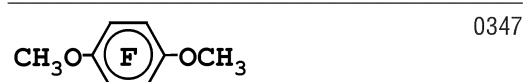
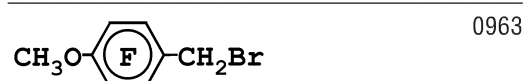
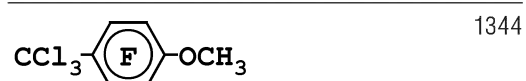
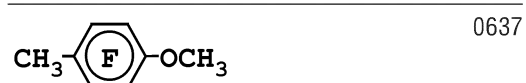
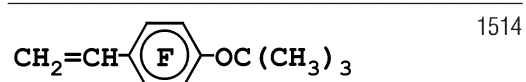
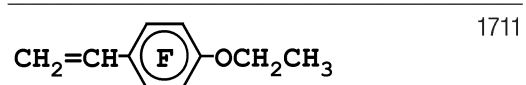
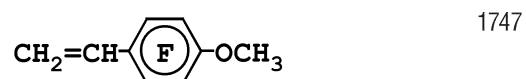
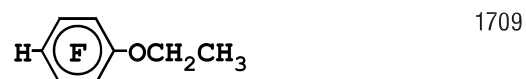
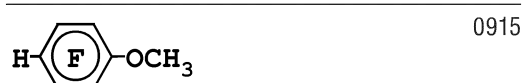
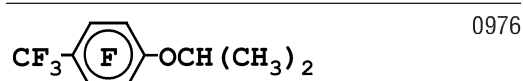
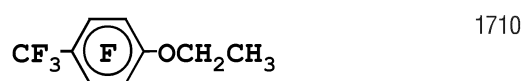
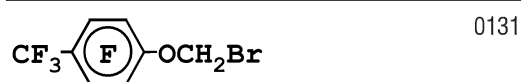
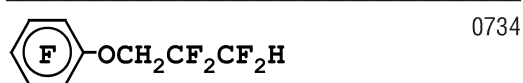
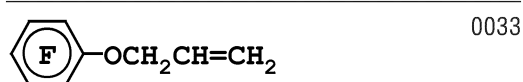
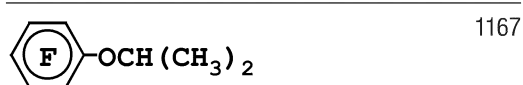
## Alifatic Ethers


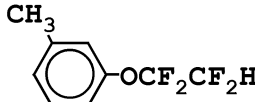

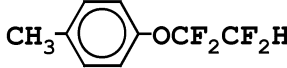

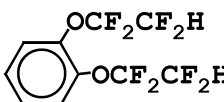
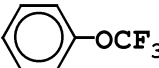
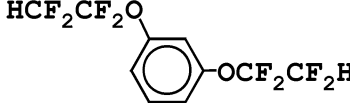
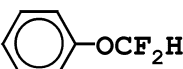

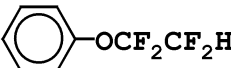
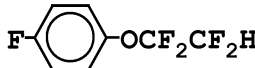
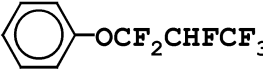
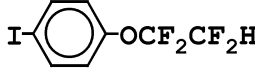
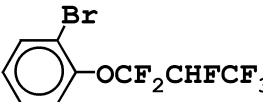
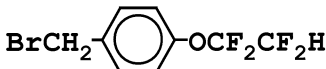
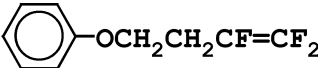
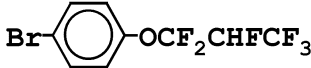
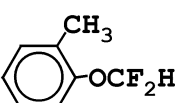
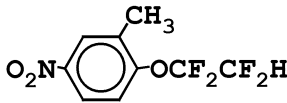
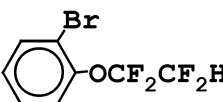
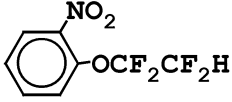
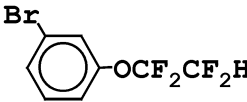
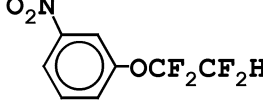
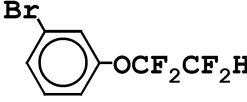
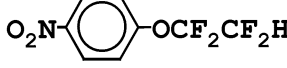
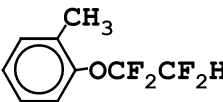
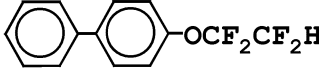
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCF}_2\text{CF}_3$	1966	$\text{BrCF}_2\text{CF}_2\text{OCFHCf}_3$	1680
$\text{CF}_3\text{OCF}=\text{CF}_2$	0813	$\text{CF}_3\text{CHFcf}_2\text{OCF}_2\text{H}$	1875
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCF}=\text{CF}_2$	0880	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCH}_3$	1558
$(\text{CF}_3)_2\text{CFOCF}=\text{CF}_2$	1916	$(\text{CF}_3)_2\text{CFOCH}_3$	1928
$\text{BrCF}_2\text{CF}_2\text{OCF}=\text{CF}_2$	0156	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{OCH}_3$	1559

$\text{CF}_3(\text{CF}_2)_5\text{OCH}_3$	1588	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_2\text{Cl}$	1292
$\text{HCF}_2\text{CF}_2\text{OCH}_3$	0616	$\text{CF}_3\underset{\text{CF}_3}{\text{CHOCH}_2\text{Cl}}$	1567
$\text{CF}_3\text{CHFCH}_2\text{OCH}_3$	0501		
$\text{CF}_3\underset{\text{CF}_3}{\text{CHOCH}_3}$	1566	$\text{HCFClCF}_2\text{OCH}_2\text{CH}_2\text{Cl}$	0205
		$\text{CF}_3\text{CHFCH}_2\text{OCH}_2\text{CH}_2\text{Cl}$	0206
$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCH}_3$	1560	$\text{CF}_3\text{CH}_2\text{OCHCl}_2$	1555
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{OCH}_3$	1592	$\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{CH}_2\text{OCF}_2\text{H}$	1967
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{OCH}_3$	1593	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_2\text{F}$	1293
$\text{CF}_3(\text{CF}_2)_4\text{CH}_2\text{OCH}_3$	1594	$\text{CF}_3\underset{\text{CF}_3}{\text{CHOCH}_2\text{F}}$	0582
$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_3$	0618		
$\text{HCFClCF}_2\text{OCH}_3$	0265	$\text{CF}_3\text{CH}_2\text{OCHF}_2$	1556
$\text{CF}_3\text{CF}_2\text{OCH}_2\text{CH}_3$	1554	$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCF}_2\text{H}$	1561
$\text{CF}_3(\text{CF}_2)_3\text{OCH}_2\text{CH}_3$	1721	$\text{CF}_3\text{CHClOCHF}_2$	1557
$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CH}_3$	0389	$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CF}_3$	1202
$\text{CF}_3\text{CHFCH}_2\text{OCH}_2\text{CH}_3$	1563	$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CF}_2\text{CF}_2\text{H}$	0950
$\text{HCFClCF}_2\text{OCH}_2\text{CH}_3$	0264	$\text{HCF}_2\text{CF}_2\text{OCH}_2(\text{CF}_2)_3\text{CF}_2\text{H}$	0667
$\text{HCF}_2\text{CF}_2\text{O}(\text{CH}_2)_3\text{CH}_3$	0189	$\text{CF}_3\text{CH}_2\text{OCF}_2\text{CHFCH}_3$	1128
$\text{HCF}_2\text{CF}_2\text{OC}(\text{CH}_3)_3$	0188	$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCF}_2\text{CHFCH}_3$	1564
$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CH}=\text{CH}_2$	0036	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCF}_2\text{CHFCH}_3$	1565
$\text{CF}_3\text{CHFCH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	0032	$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCF}_2\text{CF}_2\text{H}$	1562
$\text{CF}_3\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1572	$\text{H}(\text{CF}_2)_6\text{CH}_2\text{OCH}_2\text{OCH}_2(\text{CF}_2)_6\text{H}$	0073
$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1573	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{OCHFCH}_3$	1188
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1574	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{OCHFCH}_3$	1769
$\text{CF}_3(\text{CF}_2)_6\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1575		
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1194		
$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1579		1763
$\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1576	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{OCFCH}_2\text{OCHFCH}_3$	
$\text{HCFClCF}_2\text{OCH}_2\text{CH}=\text{CH}_2$	1577		




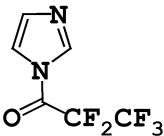

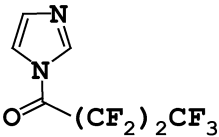

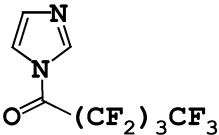
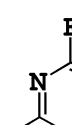
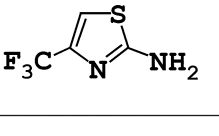

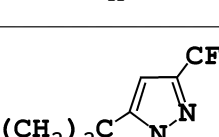
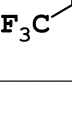
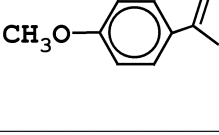

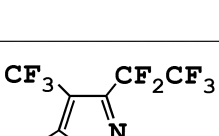


## Aromatic Ethers



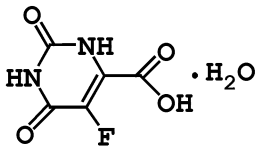
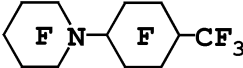
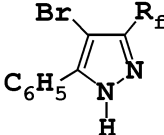
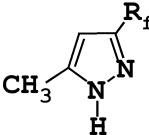
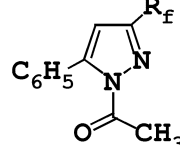
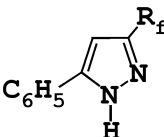
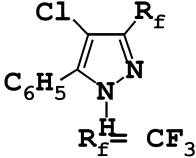
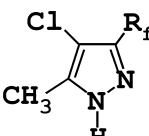
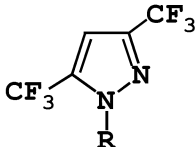
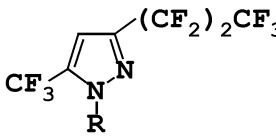
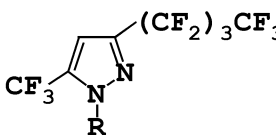
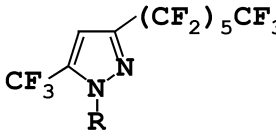
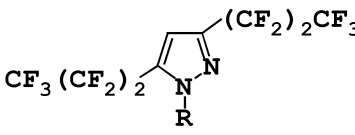
	0084		0948
	0091		0949
	0088		0085
	1209		0087
	0327		0086
	1364		1191
	0499		1267
	1673		1277
	1058		1366
	0333		1296
	0153		0944
	0154		1375
	0155		1374
	0947		1376

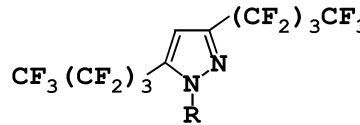
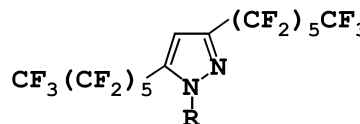
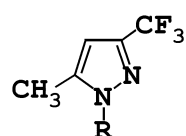
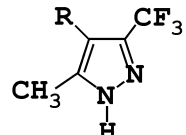
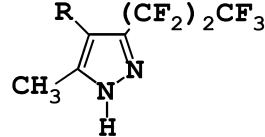
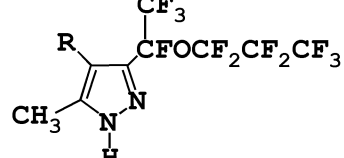
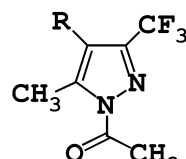
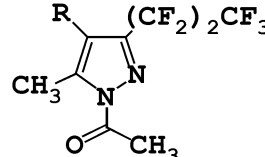
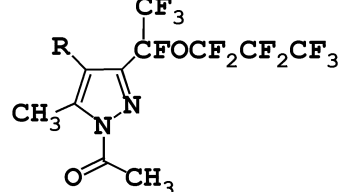
## HETEROCYCLES

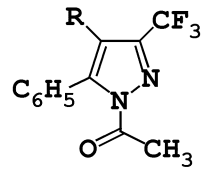
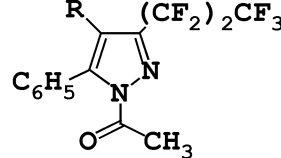
## Nitrogencontaining Heterocycles

	1581		0726
	1263		0432
	1735		0873
	1262		1250
	1589		1871
	1816		1580
	1261		1140
	1590		1208
	1591		1920
	1045		

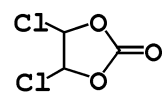
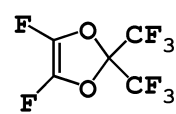
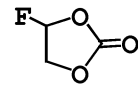
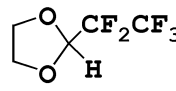
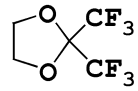
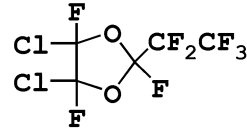
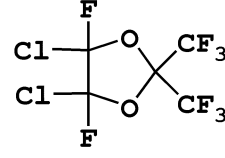
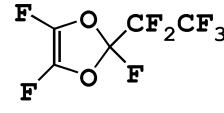
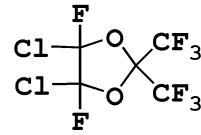


	0413		0815
	$R_f = \text{CF}_3$ 0148 $R_f = \text{CF}_3\text{CF}_2\text{CF}_2$ 0147		$R_f = \text{HCF}_2$ 0334 $R_f = \text{CF}_3(\text{CF}_2)_3$ 0629 $R_f = \text{CF}_3(\text{CF}_2)_4$ 0633 $R_f = \text{CF}_3(\text{CF}_2)_5$ 0630 $R_f = \text{CF}_3(\text{CF}_2)_7$ 0631
	$R_f = \text{HCF}_2$ 0015 $R_f = \text{CF}_3(\text{CF}_2)_3$ 0024 $R_f = \text{CF}_3(\text{CF}_2)_5$ 0026 $R_f = \text{CF}_3(\text{CF}_2)_7$ 0028		$R_f = \text{HCF}_2$ 0336 $R_f = \text{CF}_3$ 0904 $R_f = \text{CF}_3\text{CF}_2\text{CF}_2$ 0881 $R_f = \text{CF}_3(\text{CF}_2)_3$ 0746 $R_f = \text{CF}_3(\text{CF}_2)_5$ 0806 $R_f = \text{CF}_3(\text{CF}_2)_7$ 0854
	$R_f = \text{HCF}_2$ 0202 $R_f = \text{CF}_3$ 0244 $R_f = \text{CF}_3\text{CF}_2\text{CF}_2$ 0243 $R_f = \text{CF}_3(\text{CF}_2)_3$ 0229 $R_f = \text{CF}_3(\text{CF}_2)_5$ 0234 $R_f = \text{CF}_3(\text{CF}_2)_7$ 0240		$R_f = \text{CF}_3(\text{CF}_2)_3$ 0216 $R_f = \text{CF}_3(\text{CF}_2)_4$ 0219 $R_f = \text{CF}_3(\text{CF}_2)_5$ 0217 $R_f = \text{CF}_3(\text{CF}_2)_7$ 0218
	$R = \text{H}$ 0094 $R = \text{CH}_3\text{CO}$ 0004 $R = \text{C}_6\text{H}_5\text{CO}$ 0055 $R = \text{CF}_3\text{CO}$ 1044 $R = \text{C}_6\text{H}_5$ 0897		$R = \text{H}$ 0884 $R = \text{CH}_3\text{CO}$ 0030 $R = \text{C}_6\text{H}_5\text{CO}$ 0059 $R = \text{CF}_3\text{CO}$ 0883
	$R = \text{H}$ 0748 $R = \text{CH}_3\text{CO}$ 0025 $R = \text{C}_6\text{H}_5\text{CO}$ 0057 $R = \text{CF}_3\text{CO}$ 0747		$R = \text{H}$ 0809 $R = \text{CH}_3\text{CO}$ 0027 $R = \text{C}_6\text{H}_5\text{CO}$ 0058 $R = \text{CF}_3\text{CO}$ 0808
	$R = \text{H}$ 0082 $R = \text{CH}_3\text{CO}$ 0003 $R = \text{C}_6\text{H}_5\text{CO}$ 0054 $R = \text{CF}_3\text{CO}$ 0083		

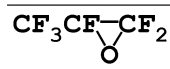
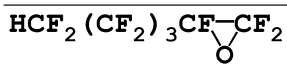
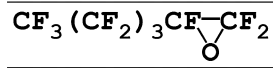
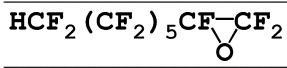
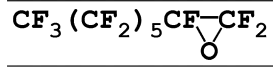

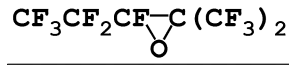
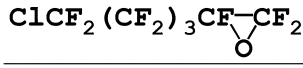
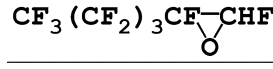
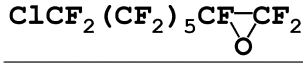
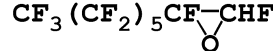
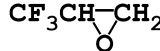
	R=H	0070
	R=CH <sub>3</sub> CO	0001
	R=C <sub>6</sub> H <sub>5</sub> CO	0052
	R=CF <sub>3</sub> CO	0071
	R=H	0076
	R=CH <sub>3</sub> CO	0002
	R=C <sub>6</sub> H <sub>5</sub> CO	0053
	R=CF <sub>3</sub> CO	0077
	R=H	0641
	R=CH <sub>3</sub> CO	0021
	R=C <sub>6</sub> H <sub>5</sub> CO	0056
	R=CF <sub>3</sub> CO	0640
	R=C <sub>6</sub> H <sub>5</sub>	0636
	R=Br	0130
	R=Cl	0222
	R=NO <sub>2</sub>	0627
	R=H	0635
	R=Br	1271
	R=Cl	0221
	R=NO <sub>2</sub>	0626
	R=H	0634
	R=Br	0129
	R=Cl	0220
	R=NO <sub>2</sub>	0625
	R=Br	0007
	R=Cl	0012
	R=NO <sub>2</sub>	0018
	R=H	0020
	R=Br	0006
	R=Cl	0011
	R=NO <sub>2</sub>	0017
	R=H	0016
	R=Br	0005
	R=Cl	0010
	R=NO <sub>2</sub>	0019




























	<b>R=H</b>	0031
	<b>R=Br</b>	0009
	<b>R=Cl</b>	0014
	<b>R=H</b>	0029
	<b>R=Br</b>	0008
	<b>R=Cl</b>	0013

## Oxygencontaining Heterocycles

	1698		0777
	0406		1915
	1824		1898
	1122		1836
	1823		


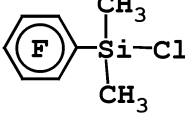
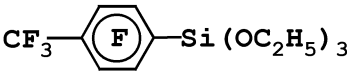
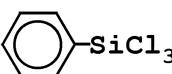
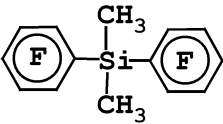
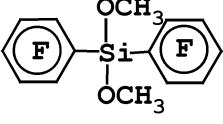
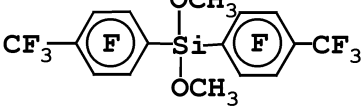
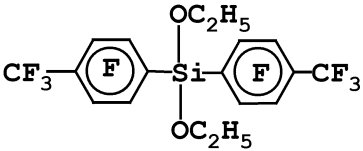
## Oxiranes and Furanes

	0497		1618
	1626		1619
	1627		1620
	1665		1621
	1623		1622
	1624		1085

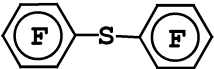
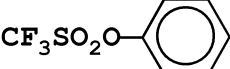
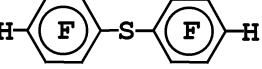
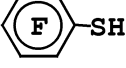

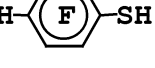
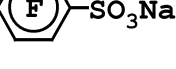
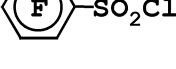
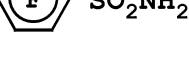

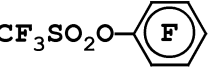


$\text{CF}_3(\text{CF}_2)_3\text{CH}-\text{CH}_2$ 	1169	 - $\text{CH}_2\text{CH}-\text{CH}_2$ 	1625
$\text{FCH}_2\text{CH}-\text{CH}_2$ 	1707		
$\text{CF}_3\text{CH}_2\text{CH}-\text{CH}_2$ 	1076	$\text{CF}_3\text{CF}_2\text{CH}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1759
$\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{CH}-\text{CH}_2$ 	0423	$\text{CF}_3\text{CFHCF}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1612
$\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}-\text{CH}_2$ 	0878	$\text{ClFCHCF}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1634
$\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}-\text{CH}_2$ 	0797	$\text{HCF}_2(\text{CF}_2)_5\text{CH}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1603
$\text{CF}_3(\text{CF}_2)_6\text{CH}_2\text{CH}-\text{CH}_2$ 	1315	$\text{HCF}_2(\text{CF}_2)_7\text{CH}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1604
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}-\text{CH}_2$ 	0845	$\text{BrCF}_2\text{CFClCH}_2\text{CH}-\text{CH}_2$ 	0110
$\text{CF}_3\text{CFCH}_2\text{CH}-\text{CH}_2$  $\text{CF}_3$	0811	$\text{HCF}_2\text{CF}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	0943
$\text{CF}_3\text{CF}_2\text{CFCH}_2\text{CH}-\text{CH}_2$  $\text{CF}_3$	0504	$\text{HCF}_2\text{CF}_2\text{CH}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	1273
$\text{CF}_3\text{OCFCH}_2\text{CH}-\text{CH}_2$  $\text{CF}_3$	0999	$\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{OCH}_2\text{CH}-\text{CH}_2$ 	0875
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCH}_2\text{CH}-\text{CH}_2$  $\text{CF}_3$	0961		1192
$\text{CF}_3\text{CF}_2\text{CF}_2\text{C}(\text{CF}_3)_2\text{CH}_2\text{CH}-\text{CH}_2$  $\text{CF}_3$	1611	 $\text{CF}_2\text{CHFCH}_2\text{CF}_3$	0502
		 $\text{CF}=\text{CFCH}_2\text{CF}_3$	0720

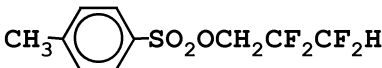
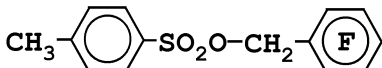
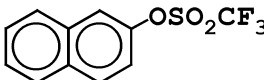
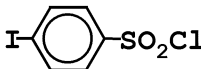
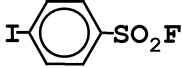
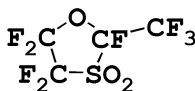
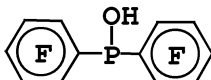
## SILANES

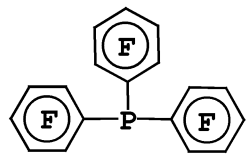
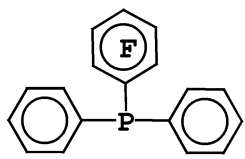
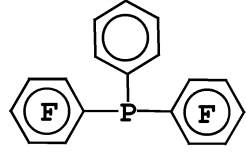
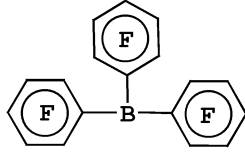
$\text{CF}_3\text{Si}(\text{CH}_3)_3$	1111	$\text{CF}_3\text{SO}_3\text{Si}(\text{CH}_3)_3$	1597
$\text{CF}_3\text{Si}(\text{CH}_2\text{CH}_3)_3$	1312	$(\text{CH}_3)_3\text{SiCF}_2\text{COOCH}_3$	1219
$\text{HCF}_2\text{Si}(\text{CH}_3)_3$	1860	$(\text{CH}_3)_3\text{SiCF}_2\text{COOCH}_2\text{CH}_3$	1220
$\text{BrCF}_2\text{Si}(\text{CH}_3)_3$	1222	$\text{BrCF}_2\text{COOSi}(\text{CH}_3)_3$	1936
$\text{CF}_3\text{CF}_2\text{Si}(\text{CH}_3)_3$	1311	$\text{CF}_3\text{COOSi}(\text{CH}_3)_3$	1815
$\text{CF}_3\text{CF}_2\text{CF}_2\text{Si}(\text{CH}_3)_3$	1770	$\text{CF}_3\text{CF}_2\text{COOSi}(\text{CH}_3)_3$	1258
$\text{CF}_3(\text{CF}_2)_3\text{Si}(\text{CH}_3)_3$	1925	$\text{CF}_3(\text{CF}_2)_2\text{COOSi}(\text{CH}_3)_3$	1595
$\text{CF}_3(\text{CF}_2)_5\text{Si}(\text{CH}_3)_3$	1926	$\text{CF}_3(\text{CF}_2)_3\text{COOSi}(\text{CH}_3)_3$	1596

$\text{CF}_3(\text{CF}_2)_5\text{COOSi}(\text{CH}_3)_3$	1601		0711
$\text{CF}_3(\text{CF}_2)_7\text{COOSi}(\text{CH}_3)_3$	1505		
$\text{CF}_3\text{CH}_2\text{COOSi}(\text{CH}_3)_3$	1821		0203
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOOSi}(\text{CH}_3)_3$ 	1598		
$\text{BrCF}_2\text{CF}_2\text{OCFCOOSi}(\text{CH}_3)_3$ 	1814		0886
$\text{CF}_3\text{CH}_2\text{CH}_2\text{Si}(\text{CH}_3)_2\text{Cl}$	1933		0902
$\text{CF}_3\text{Si}(\text{CH}_3)_2\text{CH}=\text{CH}_2$	1309		0352
$\text{CF}_3\text{C}(\text{CH}_3)=\text{CHSi}(\text{CH}_3)_3$	1599		0346
$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCFCOSi}(\text{CH}_3)_3$ 	1931		1248
$\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{Si}(\text{OCH}_2\text{CH}_3)_3$	1900		0319
$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{Si}(\text{OC}_2\text{H}_5)_3$	1919		0588
$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{Si}(\text{OC}_2\text{H}_5)_3$	1932		
$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{Si}(\text{OC}_2\text{H}_5)_3$	1937		
$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{Si}(\text{OC}_2\text{H}_5)_3$	0713		
$\text{CF}_3(\text{CF}_2)_2\text{C}(\text{CF}_3)_2\text{Si}(\text{OC}_2\text{H}_5)_3$	0712		

## SULFURCONTAINING COMPOUNDS

	0703		1841
	1507	<b>FSO<sub>2</sub>CF<sub>2</sub>COOH</b>	1979
	0735	<b>FSO<sub>2</sub>CF<sub>2</sub>COOSi(CH<sub>3</sub>)<sub>3</sub></b>	1930
	1130	<b>ClFCHSO<sub>2</sub>Cl</b>	1983
	0986	<b>CF<sub>3</sub>SO<sub>2</sub>Cl</b>	1456
	1968	<b>CF<sub>3</sub>CH<sub>2</sub>SO<sub>2</sub>Cl</b>	1848
	0677	<b>CF<sub>3</sub>CHICH<sub>2</sub>OSO<sub>2</sub>Cl</b>	1464
	1978	<b>BrCF<sub>2</sub>CF<sub>2</sub>OSO<sub>2</sub>F</b>	1465
<b>CF<sub>3</sub>SO<sub>3</sub>H</b>	1079	<b>CF<sub>2</sub>=CFSO<sub>2</sub>F</b>	1068
<b>(CF<sub>3</sub>SO<sub>2</sub>)<sub>2</sub>O</b>	1455	<b>CF<sub>2</sub>=CFCF<sub>2</sub>OSO<sub>2</sub>F</b>	1835
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub></b>	1317	<b>CF<sub>2</sub>=CFOCF<sub>2</sub>CF<sub>2</sub>SO<sub>2</sub>F</b>	1830
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CF<sub>3</sub></b>	1459	<b>CF<sub>3</sub>CF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>SO<sub>3</sub>H</b>	0779
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CF<sub>2</sub>CF<sub>3</sub></b>	1760	<b>CF<sub>3</sub>CF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>SO<sub>3</sub>K</b>	0905
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>(CF<sub>2</sub>)<sub>2</sub>CF<sub>3</sub></b>	1460	<b>CF<sub>3</sub>CF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>SO<sub>3</sub>Na</b>	0910
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>H</b>	1461	<b>CF<sub>3</sub>CF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>SO<sub>2</sub>OSi(CH<sub>3</sub>)<sub>3</sub></b>	1110
<b>CF<sub>3</sub>SO<sub>2</sub>OCH<sub>2</sub>(CF<sub>2</sub>)<sub>3</sub>CF<sub>2</sub>H</b>	1462	<b>CF<sub>3</sub>CF<sub>2</sub>OCF<sub>2</sub>CFOCF<sub>2</sub>CF<sub>2</sub>SO<sub>3</sub>H</b>	1980
<b>CF<sub>3</sub>SO<sub>2</sub>OCH(CF<sub>3</sub>)<sub>2</sub></b>	1463		1259
	1757		1610
		<b>FSO<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>OCF<sub>2</sub>COOK</b>	1982
			1467

$\text{FSO}_2\text{CF}_2\text{CF}_2\text{OCF}(\text{CF}_3)\text{CF}_2\text{OCF}(\text{CF}_3)\text{COF}$	1466		0980
$\text{FSO}_2\text{CF}_2(\text{CF}_2\text{OCF}(\text{CF}_3)\text{COF})_3$	1849	$\text{CH}_3\text{-C}_6\text{H}_4\text{-SO}_2\text{OCH}_2(\text{CF}_2)_3\text{CF}_2\text{H}$	1472
$\text{CF}_3(\text{CF}_2)_3\text{SO}_2\text{F}$	1761		1901
$\text{CF}_3(\text{CF}_2)_3\text{SO}_2\text{N}^+\text{K}^+\text{SO}_2(\text{CF}_2)_3\text{CF}_3$	1935		1981
$\text{CF}_3(\text{CF}_2)_5\text{SO}_2\text{F}$	1902	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_3)_3$	0826
$\text{CF}_3(\text{CF}_2)_7\text{SO}_3\text{H}$	1839	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_3\text{CF}_3$	1629
$\text{CF}_3(\text{CF}_2)_7\text{SO}_2\text{F}$	0849	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_5\text{CF}_3$	1630
$\text{CF}_2=\text{CF}-\text{C}_6\text{H}_4\text{-SO}_2\text{F}$	1468	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_3\text{CF}_2\text{Cl}$	1631
	1469	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_5\text{CF}_2\text{Cl}$	1632
	1470	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_3\text{CF}_2\text{Cl}$	1633
$\text{CH}_3\text{-C}_6\text{H}_4\text{-SO}_2\text{OCH}_2\text{CF}_3$	1074	$\text{F}_2\text{C}(\text{O}-\text{SO}_2)\text{CF}(\text{CF}_2)_5\text{CF}_2\text{Cl}$	1633
$\text{CH}_3\text{-C}_6\text{H}_4\text{-SO}_2\text{OCH}(\text{CF}_3)_2$	0489		1958
$\text{CH}_3\text{-C}_6\text{H}_4\text{-SO}_2\text{OCH}_2\text{CH}_2\text{CF}_3$	1471		
OTHERS			
$\text{HCFC}(\text{CF}_2)_2\text{N}(\text{CH}_2\text{CH}_3)_2$	0266	$\text{K}^+[\text{CF}_3\text{CF}_2\text{BF}_3]^-$	1776
$\text{CF}_3\text{CHF}(\text{CF}_2)_2\text{N}(\text{CH}_2\text{CH}_3)_2$ +	0323	$[\text{HCF}_2(\text{CF}_2)_3\text{CH}_2\text{O}]_3\text{PO}$	1850
$\text{CF}_3\text{CF}=\text{CFN}(\text{CH}_2\text{CH}_3)_2$			0093
$\text{K}^+[\text{CF}_3\text{BF}_3]^-$	1778		

	1114		0383
	0068		1113



～ お問い合わせ先はこちらまで ～

**東洋サイエンス株式会社**

〒103-0022 東京都中央区日本橋室町 4-1-21

近三ビルディング 2 階

Tel : 03-5205-1040 Fax : 03-5205-1043

E-mail: [fc2@toyo-asia.co.jp](mailto:fc2@toyo-asia.co.jp)

担当 : 三浦 幹巨 (ファインケミカル部)



**東洋サイエンス**  
*Making Science, Growing Together*

東洋サイエンス株式会社

〒103-0022

東京都中央区日本橋室町 4-1-21 近三ビルディング 2 階

Tel : 03-5205-1040 Fax : 03-5205-1043

担当 : 三浦 幹巨 E-mail: [fc2@toyo-asia.co.jp](mailto:fc2@toyo-asia.co.jp)