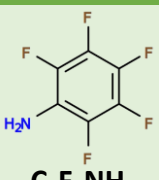
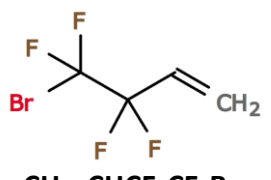
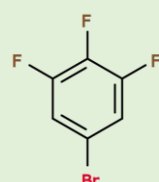
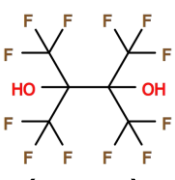
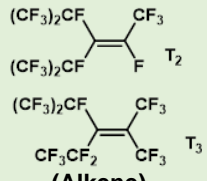


## [Classification by use]

### 4-3. Chemistry basics

| No. | Chemical formula<br>(Classification)  | Name   | CAS No.     | Remarks  |
|-----|---|--|-------------|--|
| 1   | <br>$C_6F_5NH_2$<br>(Amine)          | Pentafluoroaniline                                 | 771-60-8    | Single-site catalyst for ethylene polymerization<br>Phenoxyimine (FI) ligand raw material.   |
| 2   | <br>$CH_2=CHCF_2CF_2Br$<br>(Alkene) | 4-Bromo-3,3,4,4-tetrafluorobut-1-ene               | 18599-22-9  | A building block that introduces a tetrafluoroethylene chain into a cyclic compound.   |
| 3   | <br>(Benzene derivative)           | 1-Bromo-3,4,5-trifluorobenzene<br>(abb. BTFB)      | 138526-69-9 | A liquid crystal compound with a tetrahydropyran skeleton and a 3,4,5-trifluorobenzene skeleton is an excellent fast-response display material.                      |
| 4   | <br>(Alcohol)                      | Perfluoropinacole<br>(abb. F-pin)                  | 918-21-8    | Dehydrogenation catalytic reaction under normal temperature and pressure conditions using F-pin, which is known as a modification group of metal oxidation catalyst. |
| 5   | <br>(Alkene)                       | Hexafluoropropene<br>Trimer mixture<br>(abb. HFPT) | 6792-31-0   | Fluorine compounds that are expected to decompose in the environment.  |

\* Please contact us for product details.