# 2-Fluoro-3-(trifluoromethyl)phenol, tert-butyldimethylsilyl ether

**Other names:** 2-Fluoro-3-(trifluoromethyl)phenol, tbdms derivative
**Inchi:** InChI=1S/C13H18F4OSi/c1-12(2,3)19(4,5)18-10-8-6-7-9(11(10)14)13(15,16)17/h6-8H,1-
**InchiKey:** FAFWUTVIHQCVBA-UHFFFAOYSA-N
**Formula:** C13H18F4OSi
**SMILES:** CC(C)(C)[Si](C)(C)Oc1cccc(C(F)(F)F)c1F
**Mol. weight [g/mol]:** 294.36

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.17 | | Crippen Method |
| logp | 5.229 | | Crippen Method |
| rinpol | 1289.20 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U352580&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**rinpol:** Non-polar retention indices