2,3,4-Trifluorophenol, tert-butyldimethylsilyl ether

Other names: 2,3,4-Trifluorophenol, tbdms derivative
Inchi: InChI=1S/C12H17F3OSi/c1-12(2,3)17(4,5)16-9-7-6-8(13)10(14)11(9)15/h6-7H,1-5H3
InchiKey: NLAURVRQLIWZTO-UHFFFAOYSA-N
Formula: C12H17F3OSi
SMILES: CC(C)(C)[Si](C)(C)Oc1ccc(F)c(F)c1F
Mol. weight [g/mol]: 262.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.73		Crippen Method
logp	4.488		Crippen Method
rinpol	1287.20		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352618&Units=SI

Legend

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