2-Chloro-6-fluorophenol, tert-butyldimethylsilyl ether

Other names: 2-Chloro-6-fluorophenol, tbdms derivative
Inchi: InChI=1S/C12H18ClFOSi/c1-12(2,3)16(4,5)15-11-9(13)7-6-8-10(11)14/h6-8H,1-5H3
InchiKey: FMQWWJUXUSFKTL-UHFFFAOYSA-N
Formula: C12H18ClFOSi
SMILES: CC(C)(C)[Si](C)(C)Oc1c(F)cccc1Cl
Mol. weight [g/mol]: 260.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.75		Crippen Method
logp	4.863		Crippen Method
rinpol	1451.60		NIST Webbook
rinpol	1451.60		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=U352541&Units=SI

Legend

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