2,4-Dichloro-3,5-dimethylphenol, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C14H22Cl2OSi/c1-9-8-11(13(16)10(2)12(9)15)17-18(6,7)14(3,4)5/h8H,1-7H3
InchiKey: NCCVPSSWMOEXDP-UHFFFAOYSA-N
Formula: C14H22Cl2OSi
SMILES: Cc1cc(O[Si](C)(C)C(C)(C)C)c(Cl)c(C)c1Cl
Mol. weight [g/mol]: 305.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.06		Crippen Method
logp	5.994		Crippen Method
rinpol	1826.00		NIST Webbook
rinpol	1826.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373238&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