2,3-Dichlorophenol, tert-butyldimethylsilyl ether

Other names: 2,3-dichlorophenol, TBDMS
2,3-Dichlorophenol, tbdms derivative

Inchi: InChI=1S/C12H18Cl2OSi/c1-12(2,3)16(4,5)15-10-8-6-7-9(13)11(10)14/h6-8H,1-5H3

InchiKey: PIBTZLDTFZSVPX-UHFFFAOYSA-N

Formula: C12H18Cl2OSi

SMILES: CC(C)(C)[Si](C)(C)Oc1cccc(Cl)c1Cl

Mol. weight [g/mol]: 277.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	5.377		Crippen Method
rinpol	1663.30		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333420&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices