2,3-Dichlorobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H18Cl2OSi/c1-20(2,12-13-7-4-3-5-8-13)19-11-14-9-6-10-15(17)16(14)18/h

InchiKey: TVGSYNNYDLVCSB-UHFFFAOYSA-N

Formula: C16H18Cl2OSi

SMILES: C[Si](C)(Cc1ccccc1)OCc1cccc(Cl)c1Cl

Mol. weight [g/mol]: 325.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.82		Crippen Method
logp	5.497		Crippen Method
rinpol	2193.00		NIST Webbook
rinpol	2193.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376078&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