Bis(4-chlorophenyl)methanol, trimethylsilyl ether

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

InchiKey: IUYBBBZBMOJVHB-UHFFFAOYSA-N

Formula: C16H18Cl2OSi

SMILES: C[Si](C)(C)OC(c1ccc(Cl)cc1)c1ccc(Cl)cc1

Mol. weight [g/mol]: 325.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.79		Crippen Method
logp	5.934		Crippen Method
rinpol	2042.00		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=U373118&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices