Bis(4-chlorophenyl)methanol, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C19H24Cl2OSi/c1-19(2,3)23(4,5)22-18(14-6-10-16(20)11-7-14)15-8-12-17(21)

InchiKey: OALGWPBVHFQVON-UHFFFAOYSA-N

Formula: C19H24Cl2OSi

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

Mol. weight [g/mol]: 367.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.05		Crippen Method
logp	7.105		Crippen Method
rinpol	2272.00		NIST Webbook
rinpol	2272.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373024&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

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