1,1-Bis(4-chlorophenyl)ethanol, trimethylsilyl ether

Inchi: InChI=1S/C17H20Cl2OSi/c1-17(20-21(2,3)4,13-5-9-15(18)10-6-13)14-7-11-16(19)12-8-1

InchiKey: YWCQIDMPNDDXPP-UHFFFAOYSA-N

Formula: C17H20Cl2OSi

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

Mol. weight [g/mol]: 339.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.108		Crippen Method
rinpol	2101.00		NIST Webbook
rinpol	2101.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373026&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

Latest version available from:

https://www.chemeo.com/cid/34-786-2/1-1-Bis-4-chlorophenyl-ethanol-trimethylsilyl-ether.pdf

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