2-(4-Chlorophenyl)ethanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H14ClF5OSi/c1-24(2,23-8-7-9-3-5-10(17)6-4-9)16-14(21)12(19)11(18)13(2

InchiKey: QUIADFHEQKSWFM-UHFFFAOYSA-N

Formula: C16H14ClF5OSi

SMILES: C[Si](C)(OCCc1ccc(Cl)cc1)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 380.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.19		Crippen Method
logp	4.707		Crippen Method
rinpol	1921.00		NIST Webbook
rinpol	1921.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367883&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