

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(20)15
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
rincpol	1921.00		NIST Webbook
rincpol	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/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rincpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/117-426-9/2-4-Chlorophenyl-ethanol-dimethylpentafluorophenylsilyl-ether.pdf>

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