8-Chlorooctanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H22ClF5OSi/c1-24(2,23-10-8-6-4-3-5-7-9-17)16-14(21)12(19)11(18)13(20)

InchiKey: RGPNTDNYRDCWNU-UHFFFAOYSA-N

Formula: C16H22ClF5OSi

SMILES: C[Si](C)(OCCCCCCCCCl)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 388.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.55		Crippen Method
logp	5.390		Crippen Method
rinpol	1941.00		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=U367931&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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https://www.chemeo.com/cid/66-295-2/8-Chlorooctanol-dimethylpentafluorophenylsilyl-ether.pdf

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