Silane, dimethyl(pentafluorobenzyloxy)pentyloxy-

Inchi: InChI=1S/C14H19F5O2Si/c1-4-5-6-7-20-22(2,3)21-8-9-10(15)12(17)14(19)13(18)11(9)16

InchiKey: HDGZAOPORDFLCI-UHFFFAOYSA-N

Formula: C14H19F5O2Si

SMILES: CCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 342.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	4.807		Crippen Method
rinpol	1450.00		NIST Webbook
rinpol	1450.00		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=U347261&Units=SI

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/66-876-7/Silane-dimethyl-pentafluorobenzyloxy-pentyloxy.pdf
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