Silane, dimethyl(pentafluorobenzyloxy)octyloxy-

Inchi: InChI=1S/C17H25F5O2Si/c1-4-5-6-7-8-9-10-23-25(2,3)24-11-12-13(18)15(20)17(22)16(2

InchiKey: FDIUPAWJYWMDDL-UHFFFAOYSA-N

Formula: C17H25F5O2Si

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

Mol. weight [g/mol]: 384.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	5.978		Crippen Method
rinpol	1743.00		NIST Webbook
rinpol	1743.00		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=U347264&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/17-637-6/Silane-dimethyl-pentafluorobenzyloxy-octyloxy.pdf

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