

Silane, diethyldi(pentafluorobenzyloxy)-

Inchi: InChI=1S/C18H14F10O2Si/c1-3-31(4-2,29-5-7-9(19)13(23)17(27)14(24)10(7)20)30-6-8-10
InchiKey: DBFHVABXPWNGGT-UHFFFAOYSA-N
Formula: C18H14F10O2Si
SMILES: CC[Si](CC)(OCc1c(F)c(F)c(F)c(F)c1F)OCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 480.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.68		Crippen Method
logp	6.293		Crippen Method
rinpol	1813.00		NIST Webbook
rinpol	1813.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363232&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/27-298-2/Silane-diethyldi-pentafluorobenzyloxy.pdf>

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