

Silane, dimethyl(pentafluorobenzyloxy)isobutoxy-

Inchi: InChI=1S/C13H17F5O2Si/c1-7(2)5-19-21(3,4)20-6-8-9(14)11(16)13(18)12(17)10(8)15/h7
InchiKey: KUDBVKSNTHQMGG-UHFFFAOYSA-N
Formula: C13H17F5O2Si
SMILES: CC(C)CO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 328.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	4.273		Crippen Method
rinpol	1322.00		NIST Webbook
rinpol	1322.00		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=U347259&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/57-576-0/Silane-dimethyl-pentafluorobenzyloxy-isobutoxy.pdf>

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