

Silane, dimethyl(pentafluorobenzyloxy)decyloxy-

Inchi: InChI=1S/C19H29F5O2Si/c1-4-5-6-7-8-9-10-11-12-25-27(2,3)26-13-14-15(20)17(22)19(23)24

InchiKey: WLPRDWDODSZFMZ-UHFFFAOYSA-N

Formula: C19H29F5O2Si

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

Mol. weight [g/mol]: 412.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	6.758		Crippen Method
rinpol	1936.00		NIST Webbook
rinpol	1936.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347266&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/113-953-8/Silane-dimethyl-pentafluorobenzyloxy-decyloxy.pdf>

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