

Silane, dimethyl(2,2,3,3,4,4,5,5-octafluoropentyloxy)pentyloxy

Inchi: InChI=1S/C12H20F8O2Si/c1-4-5-6-7-21-23(2,3)22-8-10(15,16)12(19,20)11(17,18)9(13)14
InchiKey: RMZBZDJCQLGBCZ-UHFFFAOYSA-N
Formula: C12H20F8O2Si
SMILES: CCCCCO[Si](C)(C)OCC(F)(F)C(F)(F)C(F)(F)C(F)F
Mol. weight [g/mol]: 376.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	5.083		Crippen Method
rinpol	1190.00		NIST Webbook
rinpol	1190.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347838&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/36-074-0/Silane-dimethyl-2-2-3-3-4-4-5-5-octafluoropentyloxy-pentyloxy.pdf>

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