Silane, dimethyldi(2,2,3,3,4,4,5,5-octafluoropentyloxy)-

Inchi: InChI=1S/C12H12F16O2Si/c1-31(2,29-3-7(17,18)11(25,26)9(21,22)5(13)14)30-4-8(19,20

InchiKey: FWSVWXHJSOOJOX-UHFFFAOYSA-N

Formula: C12H12F16O2Si

SMILES: C[Si](C)(OCC(F)(F)C(F)(F)C(F)(F)C(F)F)OCC(F)(F)C(F)(F)C(F)(F)C(F)F

Mol. weight [g/mol]: 520.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	6.063		Crippen Method
rinpol	1105.00		NIST Webbook
rinpol	1105.00		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=U347841&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/53-798-8/Silane-dimethyldi-2-2-3-3-4-4-5-5-octafluoropentyloxy.pdf

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