

Silane, dimethylhexyloxydecyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-5-7-9-11-12-13-14-16-18-20-21(3,4)19-17-15-10-8-6-2/h5-18H
InchiKey: QCSKPTVKZFPVRS-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	6.442		Crippen Method
rinpol	1867.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346909&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/44-211-8/Silane-dimethylhexyloxydecyloxy.pdf>

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