

Silane, dimethyldecyloxypropoxy-

Inchi: InChI=1S/C15H34O2Si/c1-5-7-8-9-10-11-12-13-15-17-18(3,4)16-14-6-2/h5-15H2,1-4H3
InchiKey: ZJUHCODQVNDQED-UHFFFAOYSA-N
Formula: C15H34O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCCC
Mol. weight [g/mol]: 274.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	5.272		Crippen Method
rinpol	1579.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346920&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/93-455-4/Silane-dimethyldecyloxypropoxy.pdf>

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