

Silane, dimethyl(2-methoxyethoxy)undecyloxy-

Inchi: InChI=1S/C16H36O3Si/c1-5-6-7-8-9-10-11-12-13-14-18-20(3,4)19-16-15-17-2/h5-16H2,1
InchiKey: DLXFABMPRTUCKU-UHFFFAOYSA-N
Formula: C16H36O3Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCCOC
Mol. weight [g/mol]: 304.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	4.899		Crippen Method
rinpol	1807.00		NIST Webbook
rinpol	1807.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347850&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/114-493-8/Silane-dimethyl-2-methoxyethoxy-undecyloxy.pdf>

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