

Silane, dimethyl(2-methoxyethoxy)dodecyloxy-

Inchi: InChI=1S/C17H38O3Si/c1-5-6-7-8-9-10-11-12-13-14-15-19-21(3,4)20-17-16-18-2/h5-17H
InchiKey: LNZSEDNVORZGLL-UHFFFAOYSA-N
Formula: C17H38O3Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCCOC
Mol. weight [g/mol]: 318.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	5.289		Crippen Method
rinsol	1905.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347851&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/113-315-6/Silane-dimethyl-2-methoxyethoxy-dodecyloxy.pdf>

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