

Dimethyldodecylsilyloxyethane

Inchi: InChI=1S/C16H36OSi/c1-5-7-8-9-10-11-12-13-14-15-16-18(3,4)17-6-2/h5-16H2,1-4H3
InchiKey: AWWANIDDKFHWRE-UHFFFAOYSA-N
Formula: C16H36OSi
SMILES: CCCCCCCCCCCC[Si](C)(C)OCC
Mol. weight [g/mol]: 272.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.66		Crippen Method
logp	6.149		Crippen Method
rinpol	1672.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299988&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/44-400-8/Dimethyldodecylsilyloxyethane.pdf>

Generated by Cheméo on 2025-12-06 02:27:32.769088713 +0000 UTC m=+4736250.299129368.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.