

1-(Dimethyldodecylsilyloxy)tetradecane

Inchi: InChI=1S/C28H60OSi/c1-5-7-9-11-13-15-17-18-19-21-23-25-27-29-30(3,4)28-26-24-22-2
InchiKey: GTMDWKQULAGQGH-UHFFFAOYSA-N
Formula: C28H60OSi
SMILES: CCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 440.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.68		Crippen Method
logp	10.830		Crippen Method
rinpol	2789.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299996&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/80-674-5/1-Dimethyldodecylsilyloxy-tetradecane.pdf>

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