

1-(Dimethyldodecylsilyloxy)hexadecane

Inchi: InChI=1S/C30H64OSi/c1-5-7-9-11-13-15-17-18-19-20-21-23-25-27-29-31-32(3,4)30-28-2
InchiKey: AAIBBWJTXNJEJP-UHFFFAOYSA-N
Formula: C30H64OSi
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 468.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.52		Crippen Method
logp	11.610		Crippen Method
rinpol	3020.00		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=U299998&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/43-440-5/1-Dimethyldodecylsilyloxy-hexadecane.pdf>

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