

1-(Dimethyldodecylsilyloxy)octadecane

Inchi: InChI=1S/C32H68OSi/c1-5-7-9-11-13-15-17-18-19-20-21-22-23-25-27-29-31-33-34(3,4)3
InchiKey: OCIIYJMGTDPKKBH-UHFFFAOYSA-N
Formula: C32H68OSi
SMILES: CCCCCCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 496.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.36		Crippen Method
logp	12.391		Crippen Method
rinpol	3347.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299999&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/52-395-6/1-Dimethyldodecylsilyloxy-octadecane.pdf>

Generated by Cheméo on 2025-12-18 20:30:04.892755654 +0000 UTC m=+5838002.422796309.

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