

Silane, dimethyldecyloxyoctadecyloxy-

Inchi: InChI=1S/C30H64O2Si/c1-5-7-9-11-13-15-16-17-18-19-20-21-22-24-26-28-30-32-33(3,4)
InchiKey: LNEFQXOFGVREJH-UHFFFAOYSA-N
Formula: C30H64O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCC
Mol. weight [g/mol]: 484.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.19		Crippen Method
logp	11.124		Crippen Method
rinpol	2977.00		NIST Webbook
rinpol	2977.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346933&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/61-992-3/Silane-dimethyldecyloxyoctadecyloxy.pdf>

Generated by Cheméo on 2024-04-25 19:36:22.116423753 +0000 UTC m=+16363031.037001071.

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