

1,3-Didodecyl-1,1,3,3-tetramethyldisiloxane

Inchi: InChI=1S/C28H62OSi2/c1-7-9-11-13-15-17-19-21-23-25-27-30(3,4)29-31(5,6)28-26-24-2
InchiKey: CCZVYBDBDVFVCU-UHFFFAOYSA-N
Formula: C28H62OSi2
SMILES: CCCCCCCCCC[Si](C)(C)O[Si](C)(C)CCCCCCCCCCC
Mol. weight [g/mol]: 470.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.73		Crippen Method
logp	11.255		Crippen Method
rinpol	2607.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299090&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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