

# 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
rinpol	2789.00		NIST Webbook

## 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](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

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<https://www.chemeo.com/cid/80-674-5/1-Dimethyldodecylsilyloxy-tetradecane.pdf>

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