

# 1-(Dimethyldodecylsilyloxy)pentadecane

**Inchi:** InChI=1S/C29H62OSi/c1-5-7-9-11-13-15-17-18-19-20-22-24-26-28-30-31(3,4)29-27-25-2  
**InchiKey:** HZZRDSHTGYNQEO-UHFFFAOYSA-N  
**Formula:** C<sub>29</sub>H<sub>62</sub>OSi  
**SMILES:** CCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC  
**Mol. weight [g/mol]:** 454.89

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.10		Crippen Method
logp	11.220		Crippen Method
rinpol	2897.00		NIST Webbook
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## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299997&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

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<https://www.chemeo.com/cid/90-534-9/1-Dimethyldodecylsilyloxy-pentadecane.pdf>

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