

# Silane, dimethyl(2-naphthoxy)octadecyloxy-

**Inchi:** InChI=1S/C30H50O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-21-27-31-33(2,3)32-  
**InchiKey:** NZKOKYRGOVUZCT-UHFFFAOYSA-N  
**Formula:** C30H50O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc2cccc12  
**Mol. weight [g/mol]:** 470.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.07		Crippen Method
logp	10.198		Crippen Method
rinpol	3307.00		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=U347223&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## 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/98-917-6/Silane-dimethyl-2-naphthoxy-octadecyloxy.pdf>

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