

# Silane, dimethyl(2-naphthoxy)butoxy-

**Inchi:** InChI=1S/C16H22O2Si/c1-4-5-13-17-19(2,3)18-16-12-8-10-14-9-6-7-11-15(14)16/h6-12H  
**InchiKey:** RRLXYNHGXJSUTI-UHFFFAOYSA-N  
**Formula:** C16H22O2Si  
**SMILES:** CCCCCO[Si](C)(C)Oc1cccc2ccccc12  
**Mol. weight [g/mol]:** 274.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.21		Crippen Method
logp	4.737		Crippen Method
rinpol	1869.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347211&Units=SI>

## Legend

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

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