

# Silane, dimethyldi(4-heptyloxy)-

**Inchi:** InChI=1S/C16H36O2Si/c1-7-11-15(12-8-2)17-19(5,6)18-16(13-9-3)14-10-4/h15-16H,7-14  
**InchiKey:** YSCOUCXWALGFJM-UHFFFAOYSA-N  
**Formula:** C16H36O2Si  
**SMILES:** CCCC(CCC)O[Si](C)(C)OC(CCC)CCC  
**Mol. weight [g/mol]:** 288.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.55		Crippen Method
logp	5.659		Crippen Method
rinpol	1446.00		NIST Webbook
rinpol	1446.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347605&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](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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