

# Silane, dimethyldecyloxyhexadecyloxy-

**Inchi:** InChI=1S/C28H60O2Si/c1-5-7-9-11-13-15-16-17-18-19-20-22-24-26-28-30-31(3,4)29-27  
**InchiKey:** YDXCZQUYRGUZFZ-UHFFFAOYSA-N  
**Formula:** C28H60O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](C)(C)OC  
**Mol. weight [g/mol]:** 456.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.35		Crippen Method
logp	10.343		Crippen Method
rinsol	2797.00		NIST Webbook
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## 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=U346931&Units=SI>

## Legend

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

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<https://www.chemeo.com/cid/42-737-7/Silane-dimethyldecyloxyhexadecyloxy.pdf>

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