

# Silane, diethyldi(3,3-dimethylbut-2-yloxy)-

**Inchi:** InChI=1S/C16H36O2Si/c1-11-19(12-2,17-13(3)15(5,6)7)18-14(4)16(8,9)10/h13-14H,11-12H  
**InchiKey:** LCJFXGQESPBHAB-UHFFFAOYSA-N  
**Formula:** C16H36O2Si  
**SMILES:** CC[Si](CC)(OC(C)C(C)(C)C)OC(C)C(C)(C)C  
**Mol. weight [g/mol]:** 288.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.07		Crippen Method
logp	5.371		Crippen Method
rinpol	1424.00		NIST Webbook
rinpol	1424.00		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=U363483&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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<https://www.chemeo.com/cid/60-193-1/Silane-diethyldi-3-3-dimethylbut-2-yloxy.pdf>

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