

# Silane, diethylbutoxydecyloxy-

**Inchi:** InChI=1S/C18H40O2Si/c1-5-9-11-12-13-14-15-16-18-20-21(7-3,8-4)19-17-10-6-2/h5-18H  
**InchiKey:** MKRIXJWGABJCFJ-UHFFFAOYSA-N  
**Formula:** C18H40O2Si  
**SMILES:** CCCCCCCCCO[Si](CC)(CC)OCCCC  
**Mol. weight [g/mol]:** 316.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	6.442		Crippen Method
rinpol	1863.00		NIST Webbook
rinpol	1863.00		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=U363327&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/43-952-7/Silane-diethylbutoxydecyloxy.pdf>

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