

# Silane, dimethyl(dimethyl(2-decyloxy)silyloxy)isobutoxy-

**Inchi:** InChI=1S/C18H42O3Si2/c1-9-10-11-12-13-14-15-18(4)20-23(7,8)21-22(5,6)19-16-17(2)3  
**InchiKey:** XNSULQSUIBMCTR-UHFFFAOYSA-N  
**Formula:** C18H42O3Si2  
**SMILES:** CCCCCCCC(C)O[Si](C)(C)O[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 362.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	6.235		Crippen Method
rinpol	1688.00		NIST Webbook
rinpol	1688.00		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=U347634&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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