

# Silane, dimethyl(dimethyl(dimethyl(2-hexyloxy)silyloxy)s

**Inchi:** InChI=1S/C18H44O4Si3/c1-11-13-15-17(3)19-23(5,6)21-25(9,10)22-24(7,8)20-18(4)16-1  
**InchiKey:** CQGYOSIHMFMFAD-UHFFFAOYSA-N  
**Formula:** C18H44O4Si3  
**SMILES:** CCCCC(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OC(C)CCCC  
**Mol. weight [g/mol]:** 408.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.17		Crippen Method
logp	6.316		Crippen Method
rinpol	1651.00		NIST Webbook
rinpol	1651.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347671&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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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