

# Silane, dimethyl(dimethylpentylloxysilyloxy)hexyloxy-

**Inchi:** InChI=1S/C15H36O3Si2/c1-7-9-11-13-15-17-20(5,6)18-19(3,4)16-14-12-10-8-2/h7-15H2  
**InchiKey:** DGQVVBBEDNWODZ-UHFFFAOYSA-N  
**Formula:** C15H36O3Si2  
**SMILES:** CCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 320.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.63		Crippen Method
logp	5.210		Crippen Method
rinpol	1520.00		NIST Webbook
rinpol	1520.00		NIST Webbook

## Sources

**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=U346814&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/113-258-0/Silane-dimethyl-dimethylpentylloxysilyloxy-hexyloxy.pdf>

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