

# Silane, dimethylisobutoxyhexyloxy-

**Inchi:** InChI=1S/C12H28O2Si/c1-6-7-8-9-10-13-15(4,5)14-11-12(2)3/h12H,6-11H2,1-5H3  
**InchiKey:** BRAVXBYZCUSUPF-UHFFFAOYSA-N  
**Formula:** C12H28O2Si  
**SMILES:** CCCCCCO[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 232.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	3.958		Crippen Method
rinpol	1242.00		NIST Webbook
rinpol	1242.00		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=U346765&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/28-894-9/Silane-dimethylisobutoxyhexyloxy.pdf>

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