

# Silane, dimethyl(2-heptyloxy)isobutoxy-

**Inchi:** InChI=1S/C13H30O2Si/c1-7-8-9-10-13(4)15-16(5,6)14-11-12(2)3/h12-13H,7-11H2,1-6H3  
**InchiKey:** HCRZNAFBQGFOQW-UHFFFAOYSA-N  
**Formula:** C13H30O2Si  
**SMILES:** CCCCC(C)O[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 246.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	4.346		Crippen Method
rinpol	1260.00		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=U347652&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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