

# Silane, dimethylisobutoxybutoxy-

**Inchi:** InChI=1S/C10H24O2Si/c1-6-7-8-11-13(4,5)12-9-10(2)3/h10H,6-9H2,1-5H3  
**InchiKey:** QXMPHQUJFLTM-UHFFFAOYSA-N  
**Formula:** C10H24O2Si  
**SMILES:** CCCCOSi(C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 204.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.57		Crippen Method
logp	3.177		Crippen Method
rinpol	1054.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346762&Units=SI>  
**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)

## 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/17-626-8/Silane-dimethylisobutoxybutoxy.pdf>

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