

# Silane, tetra-sec-isobutoxy-

**Inchi:** InChI=1S/C16H36O4Si/c1-9-13(5)17-21(18-14(6)10-2,19-15(7)11-3)20-16(8)12-4/h13-16  
**InchiKey:** OQTSOKXAWXRIAC-UHFFFAOYSA-N  
**Formula:** C16H36O4Si  
**SMILES:** CCC(C)O[Si](OC(C)CC)(OC(C)CC)OC(C)CC  
**Mol. weight [g/mol]:** 320.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	4.682		Crippen Method
rinpol	1264.00		NIST Webbook
rinpol	1264.00		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=R139129&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/39-697-6/Silane-tetra-sec-isobutoxy.pdf>

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