

# Silane, diethylisobutoxy(trans-4-methylcyclohexyloxy)-

**Inchi:** InChI=1S/C15H32O2Si/c1-6-18(7-2,16-12-13(3)4)17-15-10-8-14(5)9-11-15/h13-15H,6-12H  
**InchiKey:** LWEAVSDXSZBDHQ-UHFFFAOYSA-N  
**Formula:** C15H32O2Si  
**SMILES:** CC[Si](CC)(OCC(C)C)OC1CCC(C)CC1  
**Mol. weight [g/mol]:** 272.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.43		Crippen Method
logp	4.736		Crippen Method
rinpol	1477.00		NIST Webbook
rinpol	1477.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363564&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/93-482-4/Silane-diethylisobutoxy-trans-4-methylcyclohexyloxy.pdf>

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