

# Silane, dimethyl(trans-3,7-dimethyl-2,6-octadien-1-yloxy)

**Inchi:** InChI=1S/C17H34O2Si/c1-7-8-9-14-18-20(5,6)19-15-13-17(4)12-10-11-16(2)3/h11,13H,7  
**InchiKey:** OAUIFNMWSPBNHK-GHRIWEEISA-N  
**Formula:** C17H34O2Si  
**SMILES:** CCCCCO[Si](C)(C)OCC=C(C)CCC=C(C)C  
**Mol. weight [g/mol]:** 298.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.45		Crippen Method
logp	5.604		Crippen Method
rinpol	1747.00		NIST Webbook
rinpol	1747.00		NIST Webbook

## Sources

**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=U348045&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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