

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

**Inchi:** InChI=1S/C20H40O2Si/c1-7-8-9-10-11-12-17-21-23(5,6)22-18-16-20(4)15-13-14-19(2)3/  
**InchiKey:** VCTJVVUNWHVNTG-CAPFRKAQSA-N  
**Formula:** C20H40O2Si  
**SMILES:** CCCCCC[Si](C)(C)OCC=C(C)CCC=C(C)C  
**Mol. weight [g/mol]:** 340.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.71		Crippen Method
logp	6.775		Crippen Method
rinpol	2027.00		NIST Webbook
rinpol	2027.00		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=U348049&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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