

# Silane, methylvinyl(oct-4-yloxy)(methylvinylethoxysilyloxy)

**Inchi:** InChI=1S/C16H34O3Si2/c1-8-13-15-16(14-9-2)18-21(7,12-5)19-20(6,11-4)17-10-3/h11-12  
**InchiKey:** JKIKRCRVHKIEJW-UHFFFAOYSA-N  
**Formula:** C16H34O3Si2  
**SMILES:** C=C[Si](C)(OCC)O[Si](C)(C=C)OC(CCC)CCCC  
**Mol. weight [g/mol]:** 330.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.04		Crippen Method
logp	5.009		Crippen Method
rinpol	1514.00		NIST Webbook
rinpol	1514.00		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=U416843&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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