

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

**Inchi:** InChI=1S/C22H46O3Si2/c1-8-13-15-16-17-18-21-23-26(6,11-4)25-27(7,12-5)24-22(19-10)  
**InchiKey:** XYPZRTRQSBTKLE-UHFFFAOYSA-N  
**Formula:** C22H46O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OC(CCC)CCCC  
**Mol. weight [g/mol]:** 414.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.55		Crippen Method
logp	7.350		Crippen Method
rinpol	2012.00		NIST Webbook
rinpol	2012.00		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=U416850&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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