

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

**Inchi:** InChI=1S/C21H44O3Si2/c1-8-13-15-16-17-20-22-25(6,11-4)24-26(7,12-5)23-21(18-10-3)  
**InchiKey:** CTFCPIWYSTTIZ-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>44</sub>O<sub>3</sub>Si<sub>2</sub>  
**SMILES:** C=C[Si](C)(OCCCCCCC)O[Si](C)(C=C)OC(CCC)CCCC  
**Mol. weight [g/mol]:** 400.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.13		Crippen Method
logp	6.960		Crippen Method
rinpol	1923.00		NIST Webbook
rinpol	1923.00		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=U416849&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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