

# Silane, methylvinyl(pentyloxy)(methylvinylheptyloxysilyloxy)

**Inchi:** InChI=1S/C18H38O3Si2/c1-7-11-13-14-16-18-20-23(6,10-4)21-22(5,9-3)19-17-15-12-8-2  
**InchiKey:** OWPYEMIORBLWOP-UHFFFAOYSA-N  
**Formula:** C18H38O3Si2  
**SMILES:** C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCC  
**Mol. weight [g/mol]:** 358.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.77		Crippen Method
logp	5.791		Crippen Method
rinpol	1849.00		NIST Webbook
rinpol	1849.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416362&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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