

# Silane, methylvinyl(4-methylpent-2-yloxy)(methylvinylhexyloxy)silyloxy

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

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	5.645		Crippen Method
rinpol	1666.00		NIST Webbook
rinpol	1666.00		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=U416946&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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