

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

**Inchi:** InChI=1S/C28H58O3Si2/c1-9-12-13-14-15-16-17-18-19-20-21-22-23-24-25-29-32(7,10-28)  
**InchiKey:** IUXBLEWKIQWDSM-UHFFFAOYSA-N  
**Formula:** C28H58O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCCCCCCCCCCCC)O[Si](C)(C=C)OC(C)CC(C)C  
**Mol. weight [g/mol]:** 498.93

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	9.546		Crippen Method
rinpol	2605.00		NIST Webbook
rinpol	2605.00		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=U416955&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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