

# Silane, methylvinyl(2-ethylhexyloxy)pentyl-oxo-

**Inchi:** InChI=1S/C16H34O2Si/c1-6-10-12-14-17-19(5,9-4)18-15-16(8-3)13-11-7-2/h9,16H,4,6-8  
**InchiKey:** DQDWLZOENLPCBP-UHFFFAOYSA-N  
**Formula:** C16H34O2Si  
**SMILES:** C=C[Si](C)(OCCCCC)OCC(CC)CCCC  
**Mol. weight [g/mol]:** 286.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.03		Crippen Method
logp	5.223		Crippen Method
rinpol	1644.00		NIST Webbook
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## Sources

**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=U416377&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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