

# Silane, methylvinyl(pentyloxy)pentyloxy-

**Inchi:** InChI=1S/C13H28O2Si/c1-5-8-10-12-14-16(4,7-3)15-13-11-9-6-2/h7H,3,5-6,8-13H2,1-2,4  
**InchiKey:** HLBWJVRSDTZITO-UHFFFAOYSA-N  
**Formula:** C13H28O2Si  
**SMILES:** C=C[Si](C)(OCCCC)OCCCC  
**Mol. weight [g/mol]:** 244.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.01		Crippen Method
logp	4.197		Crippen Method
rinpol	1541.00		NIST Webbook
rinpol	1541.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416346&Units=SI>  
**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)

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/117-695-1/Silane-methylvinyl-pentyloxy-pentyloxy.pdf>

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