

# Silane, methylvinyl(pentyloxy)tetradecyloxy-

**Inchi:** InChI=1S/C22H46O2Si/c1-5-8-10-11-12-13-14-15-16-17-18-20-22-24-25(4,7-3)23-21-19  
**InchiKey:** AJCVUSPWYMMGKA-UHFFFAOYSA-N  
**Formula:** C22H46O2Si  
**SMILES:** C=C[Si](C)(OCCCC)OCCCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 370.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.78		Crippen Method
logp	7.708		Crippen Method
rinpol	2310.00		NIST Webbook
rinpol	2310.00		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=U416354&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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<https://www.chemeo.com/cid/84-420-2/Silane-methylvinyl-pentyloxy-tetradecyloxy.pdf>

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