

# Silane, methylvinyl(pent-2-yloxy)tetradecyloxy-

**Inchi:** InChI=1S/C22H46O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-21-23-25(5,8-3)24-22(4)2  
**InchiKey:** PNEVMZCGVSBNKD-UHFFFAOYSA-N  
**Formula:** C22H46O2Si  
**SMILES:** C=C[Si](C)(OCCCCCCCCCCCCC)OC(C)CCC  
**Mol. weight [g/mol]:** 370.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.89		Crippen Method
logp	7.706		Crippen Method
rinpol	2255.00		NIST Webbook
rinpol	2255.00		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=U416291&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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