

# Silane, methylvinyl(hept-4-yloxy)undecyloxy-

**Inchi:** InChI=1S/C21H44O2Si/c1-6-10-11-12-13-14-15-16-17-20-22-24(5,9-4)23-21(18-7-2)19-8  
**InchiKey:** TXWKTBRBPCIYOX-UHFFFAOYSA-N  
**Formula:** C21H44O2Si  
**SMILES:** C=C[Si](C)(OCCCCCCCCCCC)OC(CCC)CCC  
**Mol. weight [g/mol]:** 356.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	7.316		Crippen Method
rinpol	2005.00		NIST Webbook
rinpol	2005.00		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=U416979&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/96-202-1/Silane-methylvinyl-hept-4-yloxy-undecyloxy.pdf>

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