

# Silane, methylvinyl(oct-2-yloxy)decyloxy-

**Inchi:** InChI=1S/C21H44O2Si/c1-6-9-11-13-14-15-16-18-20-22-24(5,8-3)23-21(4)19-17-12-10-7  
**InchiKey:** XYUOMKHYJVOGLN-UHFFFAOYSA-N  
**Formula:** C21H44O2Si  
**SMILES:** C=C[Si](C)(OCCCCCCCCC)OC(C)CCCCC  
**Mol. weight [g/mol]:** 356.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	7.316		Crippen Method
rinpol	2121.00		NIST Webbook
rinpol	2121.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416332&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

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<https://www.chemeo.com/cid/96-206-7/Silane-methylvinyl-oct-2-yloxy-decyloxy.pdf>

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