

# Silane, methylvinyl(3-methylbutoxy)decyloxy-

**Inchi:** InChI=1S/C18H38O2Si/c1-6-8-9-10-11-12-13-14-16-19-21(5,7-2)20-17-15-18(3)4/h7,18H  
**InchiKey:** IRTDQPHCZRZLND-UHFFFAOYSA-N  
**Formula:** C18H38O2Si  
**SMILES:** C=C[Si](C)(OCCCCCCCCC)OCCC(C)C  
**Mol. weight [g/mol]:** 314.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.86		Crippen Method
logp	6.004		Crippen Method
rinpol	1883.00		NIST Webbook
rinpol	1883.00		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=U416316&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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