

# Silane, methylvinyl(dodecyloxy)butoxy-

**Inchi:** InChI=1S/C19H40O2Si/c1-5-8-10-11-12-13-14-15-16-17-19-21-22(4,7-3)20-18-9-6-2/h7H  
**InchiKey:** SCHCIDNRHCSFRY-UHFFFAOYSA-N  
**Formula:** C19H40O2Si  
**SMILES:** C=C[Si](C)(OCCCC)OCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 328.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.52		Crippen Method
logp	6.538		Crippen Method
rinpol	1928.00		NIST Webbook
rinpol	1928.00		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=U416880&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/97-769-2/Silane-methylvinyl-dodecyloxy-butoxy.pdf>

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