

# Silane, methylvinyl(octyloxy)butoxy-

**Inchi:** InChI=1S/C15H32O2Si/c1-5-8-10-11-12-13-15-17-18(4,7-3)16-14-9-6-2/h7H,3,5-6,8-15H  
**InchiKey:** LTZJVBOFVYZXDW-UHFFFAOYSA-N  
**Formula:** C15H32O2Si  
**SMILES:** C=C[Si](C)(OCCCC)OCCCCCCCC  
**Mol. weight [g/mol]:** 272.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	4.977		Crippen Method
rinpol	1817.00		NIST Webbook
rinpol	1817.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416266&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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