

# Silane, methylvinyl(pentyloxy)(methylvinyl)dodecylsilyloxy

**Inchi:** InChI=1S/C23H48O3Si2/c1-7-11-13-14-15-16-17-18-19-21-23-25-28(6,10-4)26-27(5,9-3)  
**InchiKey:** NCOBZHGDOPCDRD-UHFFFAOYSA-N  
**Formula:** C23H48O3Si2  
**SMILES:** C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 428.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.86		Crippen Method
logp	7.742		Crippen Method
rinpol	2319.00		NIST Webbook
rinpol	2319.00		NIST Webbook

## Sources

**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=U416366&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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