

# Silane, methylvinyl(2,4,4-trimethylpentyloxy)(methylvinyl

**Inchi:** InChI=1S/C22H46O3Si2/c1-10-13-14-15-16-17-18-23-26(8,11-2)25-27(9,12-3)24-20-21(  
**InchiKey:** BTLVBDKGYQBRU-UHFFFAOYSA-N  
**Formula:** C22H46O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OCC(C)CC(C)(C)C  
**Mol. weight [g/mol]:** 414.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	7.063		Crippen Method
rinpol	2443.00		NIST Webbook
rinpol	2443.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416593&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/121-259-0/Silane-methylvinyl-2-4-4-trimethylpentyloxy-methylvinyl-octylloxysilyloxy.pdf>

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