

# Silane, methylvinyl(4-methylpent-2-yloxy)(methylvinyl)oct

**Inchi:** InChI=1S/C20H42O3Si2/c1-9-12-13-14-15-16-17-21-24(7,10-2)23-25(8,11-3)22-20(6)18-  
**InchiKey:** CRNZPHLBDHSBHA-UHFFFAOYSA-N  
**Formula:** C20H42O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OC(C)CC(C)C  
**Mol. weight [g/mol]:** 386.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	6.426		Crippen Method
rinpol	1845.00		NIST Webbook
rinpol	1845.00		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=U416948&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/121-451-6/Silane-methylvinyl-4-methylpent-2-yloxy-methylvinyl-oxyloxy.pdf>

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