

# Silane, methylvinyl(isobutoxy)(methylvinylheptyloxysilyl)

**Inchi:** InChI=1S/C17H36O3Si2/c1-8-11-12-13-14-15-18-21(6,9-2)20-22(7,10-3)19-16-17(4)5/h9  
**InchiKey:** BDXLPGHIQKXCY-UHFFFAOYSA-N  
**Formula:** C17H36O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCC)O[Si](C)(C=C)OCC(C)C  
**Mol. weight [g/mol]:** 344.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	5.257		Crippen Method
rinpol	1725.00		NIST Webbook
rinpol	1725.00		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=U416417&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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