

# Silane, diethyl(2-methylpent-3-yloxy)octyloxy-

**Inchi:** InChI=1S/C18H40O2Si/c1-7-11-12-13-14-15-16-19-21(9-3,10-4)20-18(8-2)17(5)6/h17-18  
**InchiKey:** CJMDESIVQSFEQD-UHFFFAOYSA-N  
**Formula:** C18H40O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OC(CC)C(C)C  
**Mol. weight [g/mol]:** 316.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.297		Crippen Method
rinpol	1792.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363779&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/33-924-9/Silane-diethyl-2-methylpent-3-yloxy-octyloxy.pdf>

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