

# Silane, diethyloctyloxy-pentyloxy-

**Inchi:** InChI=1S/C17H38O2Si/c1-5-9-11-12-13-15-17-19-20(7-3,8-4)18-16-14-10-6-2/h5-17H2,1  
**InchiKey:** SPYDCMISJLGANF-UHFFFAOYSA-N  
**Formula:** C17H38O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCCCCC  
**Mol. weight [g/mol]:** 302.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	6.052		Crippen Method
rinpol	1749.00		NIST Webbook
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## 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=U363035&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

Latest version available from:

<https://www.chemeo.com/cid/40-351-7/Silane-diethyloctyloxy-pentyloxy.pdf>

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