

# Silane, diethylisohexyloxyoctyloxy-

**Inchi:** InChI=1S/C18H40O2Si/c1-6-9-10-11-12-13-16-19-21(7-2,8-3)20-17-14-15-18(4)5/h18H,6  
**InchiKey:** OGIVNCOBPZKRPS-UHFFFAOYSA-N  
**Formula:** C18H40O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCCCC(C)C  
**Mol. weight [g/mol]:** 316.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.298		Crippen Method
rinpol	1807.00		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=U363075&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/29-187-3/Silane-diethylisohexyloxyoctyloxy.pdf>

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