

# Silane, chlorodiethyloctyloxy-

**Inchi:** InChI=1S/C12H27ClOSi/c1-4-7-8-9-10-11-12-14-15(13,5-2)6-3/h4-12H2,1-3H3  
**InchiKey:** ZDSHZIRFFFHGIW-UHFFFAOYSA-N  
**Formula:** C12H27ClOSi  
**SMILES:** CCCCCCCCO[Si](Cl)(CC)CC  
**Mol. weight [g/mol]:** 250.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	5.084		Crippen Method
rinpol	1470.00		NIST Webbook
rinpol	1470.00		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=U363084&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/24-357-9/Silane-chlorodiethyloctyloxy.pdf>

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