

# Chloro(tripentyloxy)silane

**Inchi:** InChI=1S/C15H33ClO3Si/c1-4-7-10-13-17-20(16,18-14-11-8-5-2)19-15-12-9-6-3/h4-15H  
**InchiKey:** SVJCKZHSCPCABB-UHFFFAOYSA-N  
**Formula:** C15H33ClO3Si  
**SMILES:** CCCCCO[Si](Cl)(OCCCC)OCCCC  
**Mol. weight [g/mol]:** 324.96

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	5.281		Crippen Method
rinpol	1710.00		NIST Webbook
rinpol	1690.00		NIST Webbook
rinpol	1650.00		NIST Webbook
rinpol	1640.00		NIST Webbook
rinpol	1710.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139298&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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