

# Silane, dimethyl(dimethyl(2-chlorophenoxy)silyloxy)hexyloxy

**Inchi:** InChI=1S/C16H29ClO3Si2/c1-6-7-8-11-14-18-21(2,3)20-22(4,5)19-16-13-10-9-12-15(16)  
**InchiKey:** ONKVLGMDMXRGPE-UHFFFAOYSA-N  
**Formula:** C16H29ClO3Si2  
**SMILES:** CCCCCCO[Si](C)(C)O[Si](C)(C)Oc1ccccc1Cl  
**Mol. weight [g/mol]:** 361.02

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.48		Crippen Method
logp	5.736		Crippen Method
rinpol	1854.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347090&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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