

# Silane, (3-chlorophenyloxy)dimethyloctyloxy-

**Inchi:** InChI=1S/C16H27ClO2Si/c1-4-5-6-7-8-9-13-18-20(2,3)19-16-12-10-11-15(17)14-16/h10-15  
**InchiKey:** VHYGEAVJWIINQC-UHFFFAOYSA-N  
**Formula:** C16H27ClO2Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1ccc(Cl)c1  
**Mol. weight [g/mol]:** 314.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.76		Crippen Method
logp	5.798		Crippen Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		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=U346881&Units=SI>

## 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/113-195-0/Silane-3-chlorophenyloxy-dimethyloctyloxy.pdf>

Generated by Cheméo on 2024-04-29 15:38:42.603215682 +0000 UTC m=+16694371.523792998.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.