

# Silane, chlorodiphenyl(hex-3-yloxy)-

**Inchi:** InChI=1S/C18H23ClOSi/c1-3-11-16(4-2)20-21(19,17-12-7-5-8-13-17)18-14-9-6-10-15-18  
**InchiKey:** VWGDYGVVDAHLFL-UHFFFAOYSA-N  
**Formula:** C18H23ClOSi  
**SMILES:** CCCC(CC)O[Si](Cl)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 318.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.51		Crippen Method
logp	4.077		Crippen Method
rinpol	2014.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U367621&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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