

# Silane, (3-chlorophenoxy)dimethyldecyloxy-

**Inchi:** InChI=1S/C18H31ClO2Si/c1-4-5-6-7-8-9-10-11-15-20-22(2,3)21-18-14-12-13-17(19)16-1  
**InchiKey:** XHKJPYFQZSYEFM-UHFFFAOYSA-N  
**Formula:** C18H31ClO2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)Oc1cccc(Cl)c1  
**Mol. weight [g/mol]:** 342.98

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.60		Crippen Method
logp	6.578		Crippen Method
rinpol	2157.00		NIST Webbook
rinpol	2157.00		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=U346882&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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