

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

**Inchi:** InChI=1S/C18H33ClO3Si2/c1-6-7-8-9-10-13-16-20-23(2,3)22-24(4,5)21-18-15-12-11-14-  
**InchiKey:** LCYDFVLEXSXGCI-UHFFFAOYSA-N  
**Formula:** C18H33ClO3Si2  
**SMILES:** CCCCCCO[Si](C)(C)O[Si](C)(C)Oc1ccccc1Cl  
**Mol. weight [g/mol]:** 389.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	6.516		Crippen Method
rinpol	2046.00		NIST Webbook

## Sources

**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=U347091&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/89-082-3/Silane-dimethyl-dimethyl-2-chlorophenoxy-silyloxy-octyloxy.pdf>

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