

# Silane, dimethyl(2-chlorophenoxy)pentyl-

**Inchi:** InChI=1S/C13H21ClO2Si/c1-4-5-8-11-15-17(2,3)16-13-10-7-6-9-12(13)14/h6-7,9-10H,4-5H2  
**InchiKey:** GTLFBGPAYFQUHM-UHFFFAOYSA-N  
**Formula:** C13H21ClO2Si  
**SMILES:** CCCCCO[Si](C)(C)Oc1ccccc1Cl  
**Mol. weight [g/mol]:** 272.84

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.51		Crippen Method
logp	4.627		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		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=U347864&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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<https://www.chemeo.com/cid/119-912-7/Silane-dimethyl-2-chlorophenoxy-pentyl.pdf>

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