

# Silane, dimethyl(2,3,6-trichlorophenoxy)pentyl-oxo-

**Inchi:** InChI=1S/C13H19Cl3O2Si/c1-4-5-6-9-17-19(2,3)18-13-11(15)8-7-10(14)12(13)16/h7-8H,  
**InchiKey:** DSHHGWOKLYYPSK-UHFFFAOYSA-N  
**Formula:** C13H19Cl3O2Si  
**SMILES:** CCCCCO[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl  
**Mol. weight [g/mol]:** 341.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.88		Crippen Method
logp	5.934		Crippen Method
rinpol	1943.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347505&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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