

# Silane, dimethyl(3,4,5-trichlorophenoxy)undecyloxy-

**Inchi:** InChI=1S/C19H31Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-23-25(2,3)24-16-14-17(20)19(22)  
**InchiKey:** AQTCNFMPTTYMDG-UHFFFAOYSA-N  
**Formula:** C19H31Cl3O2Si  
**SMILES:** CCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1  
**Mol. weight [g/mol]:** 425.89

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.39		Crippen Method
logp	8.275		Crippen Method
rinsol	2574.00		NIST Webbook
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## 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=U347451&Units=SI>

## Legend

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

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<https://www.chemeo.com/cid/24-684-6/Silane-dimethyl-3-4-5-trichlorophenoxy-undecyloxy.pdf>

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