

# Silane, dimethyl(2,3,6-trichlorophenoxy)butoxy-

**Inchi:** InChI=1S/C12H17Cl3O2Si/c1-4-5-8-16-18(2,3)17-12-10(14)7-6-9(13)11(12)15/h6-7H,4-5  
**InchiKey:** AZJOPEIIORKCGR-UHFFFAOYSA-N  
**Formula:** C12H17Cl3O2Si  
**SMILES:** CCCCOSi(C)(C)Oc1c(Cl)ccc(Cl)c1Cl  
**Mol. weight [g/mol]:** 327.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.46		Crippen Method
logp	5.544		Crippen Method
rinpol	1846.00		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=U347504&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/45-751-8/Silane-dimethyl-2-3-6-trichlorophenoxy-butoxy.pdf>

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