

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

**Inchi:** InChI=1S/C10H14Cl3NOSi/c1-14(2)16(3,4)15-7-5-8(11)10(13)9(12)6-7/h5-6H,1-4H3  
**InchiKey:** NMPTUXFQORPIRZ-UHFFFAOYSA-N  
**Formula:** C10H14Cl3NOSi  
**SMILES:** CN(C)[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1  
**Mol. weight [g/mol]:** 298.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	4.289		Crippen Method
rinpol	1755.00		NIST Webbook
rinpol	1755.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347460&Units=SI>  
**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)

## 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/85-750-5/Silane-dimethyl-3-4-5-trichlorophenoxy-dimethylamino.pdf>

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