

# Silane, dimethyl(2,3,4,6-tetrachlorophenoxy)ethoxy-

**Inchi:** InChI=1S/C10H12Cl4O2Si/c1-4-15-17(2,3)16-10-7(12)5-6(11)8(13)9(10)14/h5H,4H2,1-3  
**InchiKey:** XREGUNDSIYMLTM-UHFFFAOYSA-N  
**Formula:** C10H12Cl4O2Si  
**SMILES:** CCO[Si](C)(C)Oc1c(Cl)cc(Cl)c(Cl)c1Cl  
**Mol. weight [g/mol]:** 334.10

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	5.417		Crippen Method
rinpol	1821.00		NIST Webbook
rinpol	1821.00		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=U347483&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/119-223-2/Silane-dimethyl-2-3-4-6-tetrachlorophenoxy-ethoxy.pdf>

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