

# Silane, dimethyl(2,2,2-trichloroethoxy)ethoxy-

**Inchi:** InChI=1S/C6H13Cl3O2Si/c1-4-10-12(2,3)11-5-6(7,8)9/h4-5H2,1-3H3  
**InchiKey:** KUOBHDZOEWQKKK-UHFFFAOYSA-N  
**Formula:** C6H13Cl3O2Si  
**SMILES:** CCO[Si](C)(C)OCC(Cl)(Cl)Cl  
**Mol. weight [g/mol]:** 251.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.70		Crippen Method
logp	3.112		Crippen Method
rinpol	1139.00		NIST Webbook
rinpol	1139.00		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=U347561&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/42-608-0/Silane-dimethyl-2-2-2-trichloroethoxy-ethoxy.pdf>

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