

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

**Inchi:** InChI=1S/C8H16Cl6O3Si2/c1-18(2,15-5-7(9,10)11)17-19(3,4)16-6-8(12,13)14/h5-6H2,1-  
**InchiKey:** SIZILKJVRPXNRA-UHFFFAOYSA-N  
**Formula:** C8H16Cl6O3Si2  
**SMILES:** C[Si](C)(OCC(Cl)(Cl)Cl)O[Si](C)(C)OCC(Cl)(Cl)Cl  
**Mol. weight [g/mol]:** 429.10

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.82		Crippen Method
logp	5.180		Crippen Method
rinpol	1723.00		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=U347571&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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