

# 2,2,2-Trichloroethanol, (3-cyanopropyl)dimethylsilyl ether

**Inchi:** InChI=1S/C8H14Cl3NOSi/c1-14(2,6-4-3-5-12)13-7-8(9,10)11/h3-4,6-7H2,1-2H3  
**InchiKey:** OPLQMGUJPMGRTP-UHFFFAOYSA-N  
**Formula:** C8H14Cl3NOSi  
**SMILES:** C[Si](C)(CCCC#N)OCC(Cl)(Cl)Cl  
**Mol. weight [g/mol]:** 274.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	3.882		Crippen Method
rinpol	1593.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376215&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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