

# 1-(3-Cyanopropyl)dimethylsilyloxy-3,4-dichlorobenzene

**Inchi:** InChI=1S/C12H15Cl2NOSi/c1-17(2,8-4-3-7-15)16-10-5-6-11(13)12(14)9-10/h5-6,9H,3-4,  
**InchiKey:** FENOGVQYXXZVEH-UHFFFAOYSA-N  
**Formula:** C12H15Cl2NOSi  
**SMILES:** C[Si](C)(CCCC#N)Oc1ccc(Cl)c(Cl)c1  
**Mol. weight [g/mol]:** 288.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.97		Crippen Method
logp	4.881		Crippen Method
rinpol	1973.00		NIST Webbook
rinpol	1973.00		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=U307933&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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