

# 3,4-Dichloro-1-diphenylmethylsilyloxybenzene

**Inchi:** InChI=1S/C19H16Cl2OSi/c1-23(16-8-4-2-5-9-16,17-10-6-3-7-11-17)22-15-12-13-18(20)1  
**InchiKey:** CUYEYUADIVMIK-UHFFFAOYSA-N  
**Formula:** C19H16Cl2OSi  
**SMILES:** C[Si](Oc1ccc(Cl)c(Cl)c1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 359.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.20		Crippen Method
logp	4.762		Crippen Method
rinpol	2467.00		NIST Webbook
rinpol	2467.00		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=U307877&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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