

# 1-Chloro-4-diphenylmethyilsilyloxybenzene

**Inchi:** InChI=1S/C19H17ClOSi/c1-22(18-8-4-2-5-9-18,19-10-6-3-7-11-19)21-17-14-12-16(20)13  
**InchiKey:** PEWPYXNFMOUZRA-UHFFFAOYSA-N  
**Formula:** C19H17ClOSi  
**SMILES:** C[Si](Oc1ccc(Cl)cc1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 324.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.51		Crippen Method
logp	4.109		Crippen Method
rinpol	2292.00		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=U307873&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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