

# 1-Chloro-4-diphenylvinylsilyloxybenzene

**Inchi:** InChI=1S/C20H17ClOSi/c1-2-23(19-9-5-3-6-10-19,20-11-7-4-8-12-20)22-18-15-13-17(21)  
**InchiKey:** SYPBXNAJUBFIMA-UHFFFAOYSA-N  
**Formula:** C20H17ClOSi  
**SMILES:** C=C[Si](Oc1ccc(Cl)cc1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 336.89

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.87		Crippen Method
logp	4.204		Crippen Method
rinpol	2363.00		NIST Webbook
rinpol	2363.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307855&Units=SI>  
**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)

## Legend

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

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