

# 1-Diphenylmethylsilyloxy-4-methoxybenzene

**Inchi:** InChI=1S/C20H20O2Si/c1-21-17-13-15-18(16-14-17)22-23(2,19-9-5-3-6-10-19)20-11-7-4  
**InchiKey:** CILDRJCRFNQSHO-UHFFFAOYSA-N  
**Formula:** C20H20O2Si  
**SMILES:** COc1ccc(O[Si](C)(c2ccccc2)c2ccccc2)cc1  
**Mol. weight [g/mol]:** 320.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.95		Crippen Method
logp	3.464		Crippen Method
rinpol	2338.00		NIST Webbook
rinpol	2338.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307875&Units=SI>  
**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)

## Legend

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

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