

# 1,3-Dibenzyl-1,1,3,3-tetramethyldisiloxane

**Inchi:** InChI=1S/C18H26OSi2/c1-20(2,15-17-11-7-5-8-12-17)19-21(3,4)16-18-13-9-6-10-14-18/  
**InchiKey:** JOZICAJUSHUZLD-UHFFFAOYSA-N  
**Formula:** C18H26OSi2  
**SMILES:** C[Si](C)(Cc1ccccc1)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 314.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.93		Crippen Method
logp	4.977		Crippen Method
rinpol	1934.00		NIST Webbook
rinpol	1934.00		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=U375483&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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