

# 1,3-Bis-(p-bromophenyl)-tetramethyl disiloxane

**Inchi:** InChI=1S/C16H20Br2OSi2/c1-20(2,15-9-5-13(17)6-10-15)19-21(3,4)16-11-7-14(18)8-12-  
**InchiKey:** NPYHUNUVTYDIDX-UHFFFAOYSA-N  
**Formula:** C16H20Br2OSi2  
**SMILES:** C[Si](C)(O[Si](C)(C)c1ccc(Br)cc1)c1ccc(Br)cc1  
**Mol. weight [g/mol]:** 444.31  
**CAS:** 18106-46-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.20		Crippen Method
logp	4.753		Crippen Method

## 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=C18106462&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

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