

# 2,2-Bis[(4-trimethylsiloxy)phenyl]propane

<b>Other names:</b>	2,2-Bis[(4-trimethylsilyloxy)phenyl]propane 2,2-Bis(4'-trimethylsiloxyphenyl)propane Bisphenol A, TMS Bisphenol, bis(trimethylsilyl) ether Bis(trimethylsilyl)bisphenol A Bisphenol a, 2tms derivative
<b>Inchi:</b>	InChI=1S/C21H32O2Si2/c1-21(2,17-9-13-19(14-10-17)22-24(3,4)5)18-11-15-20(16-12-1)
<b>InchiKey:</b>	QLAHMUJINXIWJF-UHFFFAOYSA-N
<b>Formula:</b>	C21H32O2Si2
<b>SMILES:</b>	CC(C)(c1ccc(O[Si](C)(C)C)cc1)c1ccc(O[Si](C)(C)C)cc1
<b>Mol. weight [g/mol]:</b>	372.65
<b>CAS:</b>	4387-16-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	6.440		Crippen Method
rinpol	2223.60		NIST Webbook
rinpol	2203.00		NIST Webbook
rinpol	2223.60		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C4387160&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C4387160&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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