

2,2'-Bis(trimethylsilyloxy)diphenylmethane

Other names:	Bisphenol F, ortho-ortho', bis-TMS ether Phenol, 2,2'-methylenebis-, bis-TMS Bisphenol F, ortho-ortho', TMS Phenol, 2,2'-methylenebis-, TMS 2,2'-Methylenediphenol, 2tms derivative
Inchi:	InChI=1S/C19H28O2Si2/c1-22(2,3)20-18-13-9-7-11-16(18)15-17-12-8-10-14-19(17)21-2
InchiKey:	JSFCCCKSDYCPABE-UHFFFAOYSA-N
Formula:	C19H28O2Si2
SMILES:	<chem>C[Si](C)(C)Oc1ccccc1Cc1ccccc1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	344.60
CAS:	97993-26-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	5.705		Crippen Method
rinpol	1953.00		NIST Webbook
rinpol	1951.00		NIST Webbook
rinpol	1953.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C97993265&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	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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<https://www.chemeo.com/cid/44-386-5/2-2-Bis-trimethylsilyloxy-diphenylmethane.pdf>

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