2,4'-Bis(trimethylsilyloxy)diphenylmethane

Other names:	Bisphenol F, ortho-para', bis-TMS ether
	Phenol, 2-[(4-hydroxyphenyl)methyl]-, (2TMS)-
	Bisphenol F, ortho-para', TMS
	Phenol, 2-[(4-hydroxyphenyl)methyl]-, TMS
	2,4'-Methylenediphenol, 2tms derivative
Inchi:	InChI=1S/C19H28O2Si2/c1-22(2,3)20-18-13-11-16(12-14-18)15-17-9-7-8-10-19(17)21-2
InchiKey:	XUEOCFZWDHNGHJ-UHFFFAOYSA-N
Formula:	C19H28O2Si2
SMILES:	C[Si](C)(C)Oc1ccc(Cc2ccccc2O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	344.60
CAS:	97993-27-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	5.705		Crippen Method
rinpol	2040.00		NIST Webbook
rinpol	2039.00		NIST Webbook
rinpol	2040.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C97993276&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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https://www.chemeo.com/cid/117-966-0/2-4-Bis-trimethylsilyloxy-diphenylmethane.pdf

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