2,2-BIS[(4-TRIMETHYLSILOXY)PHENYL]PROPAN

Other names: 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

Inchi: InChI=1S/C21H32O2Si2/c1-21(2,17-9-13-19(14-10-17)22-24(3,4)5)18-11-15-20(16-12-18

InchiKey: QLAHMUJINXIWJF-UHFFFAOYSA-N

Formula: C21H32O2Si2

SMILES: CC(C)(c1ccc(O[Si](C)(C)C)cc1)c1ccc(O[Si](C)(C)C)cc1

Mol. weight [g/mol]: 372.66

Physical Properties

Property code	Value	Unit	Source
hvap	90.57	kJ/mol	Cheméo Relay (1.0)
log10ws	-5.89		Cheméo Relay (1.0)
logp	6.440		Crippen Method
rinpol	2223.60		NIST Webbook
rinpol	2203.00		NIST Webbook
tb	615.19	K	Cheméo Relay (1.0)
tf	359.53	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C4387160&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point