Silane, [methylenebis(p-phenyleneoxy)]bis[trimethyl-

Other names: Trimethyl(4-(4-[(trimethylsilyl)oxy]benzyl)phenoxy)silane
Bisphenol F, para-para', di-TMS
Phenol, 4,4'-methylenebis-, bis-TMS
Benzene, 1,1'-methylenebis[4-[(trimethylsilyl)oxy]-
Bisphenol F, para-para', TMS
Phenol, 4,4'-methylenebis-, TMS
4,4'-Methylenediphenol, 2tms derivative

Inchi: InChI=1S/C19H28O2Si2/c1-22(2,3)20-18-11-7-16(8-12-18)15-17-9-13-19(14-10-17)21-2

InchiKey: OSFCWYASCHJZMP-UHFFFAOYSA-N

Formula: C19H28O2Si2

SMILES: C[Si](C)(C)Oc1ccc(Cc2ccc(O[Si](C)(C)C)cc2)cc1

Mol. weight [g/mol]: 344.60

CAS: 18641-44-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	5.705		Crippen Method
rinpol	2137.00		NIST Webbook
rinpol	2136.00		NIST Webbook
rinpol	2137.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C18641446&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices