

Trimethyl-(1-phenyl-2-(trimethylsilyloxy)ethoxy)silane

Other names:	1,2-Ethanediol, phenyl, bis-TMS
Inchi:	InChI=1S/C14H26O2Si2/c1-17(2,3)15-12-14(16-18(4,5)6)13-10-8-7-9-11-13/h7-11,14H,1
InchiKey:	IAOUIPCOESFNRL-UHFFFAOYSA-N
Formula:	C14H26O2Si2
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)c1ccccc1
Mol. weight [g/mol]:	282.53

Physical Properties

Property code	Value	Unit	Source
log10ws	0.48		Crippen Method
logp	4.431		Crippen Method
rinpol	1415.00		NIST Webbook
rinpol	1430.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373442&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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

Latest version available from:

<https://www.chemeo.com/cid/39-867-7/Trimethyl-1-phenyl-2-trimethylsilyloxy-ethoxy-silane.pdf>

Generated by Cheméo on 2024-04-29 17:43:36.379287481 +0000 UTC m=+16701865.299864801.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.