

1,2-Bis(2-trimethylsiloxyethylthio)ethane

Other names:	1,2-bis-(2-Trimethylsilyloxyethylthio)ethane 3,6-Dithia-1,8-octanediol, 2tms derivative
Inchi:	InChI=1S/C12H30O2S2Si2/c1-17(2,3)13-7-9-15-11-12-16-10-8-14-18(4,5)6/h7-12H2,1-6
InchiKey:	WAARYDJCENBNJW-UHFFFAOYSA-N
Formula:	C12H30O2S2Si2
SMILES:	C[Si](C)(C)OCCSCCSCCO[Si](C)(C)C
Mol. weight [g/mol]:	326.67

Physical Properties

Property code	Value	Unit	Source
log10ws	1.11		Crippen Method
logp	4.156		Crippen Method
rinpol	1885.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U289593&Units=SI

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/30-390-5/1-2-Bis-2-trimethylsiloxyethylthio-ethane.pdf>

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