

Bis(2-trimethylsiloxyethylthio)methane

Other names:	bis-(2-Trimethylsilyloxyethylthio)methane Bis(2-hydroxyethylthio)methane, 2tms derivative
Inchi:	InChI=1S/C11H28O2S2Si2/c1-16(2,3)12-7-9-14-11-15-10-8-13-17(4,5)6/h7-11H2,1-6H3
InchiKey:	LCSICEAUAFMAKO-UHFFFAOYSA-N
Formula:	C11H28O2S2Si2
SMILES:	C[Si](C)(C)OCCSCSCCO[Si](C)(C)C
Mol. weight [g/mol]:	312.64

Physical Properties

Property code	Value	Unit	Source
log10ws	1.03		Crippen Method
logp	4.113		Crippen Method
rinpol	1767.00		NIST Webbook
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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=U289592&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/84-751-5/Bis-2-trimethylsiloxyethylthio-methane.pdf>

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