

1,3-Bis(2-trimethylsiloxyethylthio)propane

Other names:	1,3-bis-(2-Trimethylsilyloxyethylthio)propane 1,3-Bis(2-hydroxyethylthio)propane, 2tms derivative
Inchi:	InChI=1S/C13H32O2S2Si2/c1-18(2,3)14-8-12-16-10-7-11-17-13-9-15-19(4,5)6/h7-13H2,
InchiKey:	JGZPXHRXAVBFIB-UHFFFAOYSA-N
Formula:	C13H32O2S2Si2
SMILES:	C[Si](C)(C)OCCSCCCSCCO[Si](C)(C)C
Mol. weight [g/mol]:	340.69

Physical Properties

Property code	Value	Unit	Source
log10ws	0.69		Crippen Method
logp	4.546		Crippen Method
rinpola	1990.00		NIST Webbook
rinpola	1990.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U289594&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

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