bis-(2-Trimethylsilyloxyethylthio) disulfide

Inchi: InChI=1S/C12H30O2S3Si2/c1-18(2,3)13-7-9-15-11-12-17-16-10-8-14-19(4,5)6/h7-12H2,
InchiKey: NLCXFTGXMAMUPO-UHFFFAOYSA-N
Formula: C12H30O2S3Si2
SMILES: C[Si](C)(C)OCCSCCSSCCO[Si](C)(C)C
Mol. weight [g/mol]: 358.73

Physical Properties

Property code	Value	Unit	Source
log10ws	0.24		Crippen Method
logp	4.804		Crippen Method
rinpol	1631.00		NIST Webbook
rinpol	1631.00		NIST Webbook

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=R130855&Units=SI

Legend

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