

Bis(trimethylsilyl)thiodiglycol

Other names:	Bis(2-trimethylsilyloxyethyl)sulfide 2,2,10,10-Tetramethyl-3,9-dioxa-6-thia-2,10-disilaundecane bis(2-Trimethylsilyloxyethyl)sulfide Thiodiglycol, diTMS Thiodiglycol, TMS Thiodiglycol, 2tms derivative
Inchi:	InChI=1S/C10H26O2SSi2/c1-14(2,3)11-7-9-13-10-8-12-15(4,5)6/h7-10H2,1-6H3
InchiKey:	DTZWCELPJYGDPE-UHFFFAOYSA-N
Formula:	C10H26O2SSi2
SMILES:	C[Si](C)(C)OCCSCCO[Si](C)(C)C
Mol. weight [g/mol]:	266.55
CAS:	20486-03-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.83		Crippen Method
logp	3.423		Crippen Method
rinpol	1427.00		NIST Webbook
rinpol	1427.00		NIST Webbook
rinpol	1427.00		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=C20486037&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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