

Selenomethionine, N,O-bis(trimethylsilyl)-

Other names:	(S)-Trimethylsilyl 4-(methylselanyl)-2-(trimethylsilylamino)butanoate
Inchi:	InChI=1S/C11H27NO2SeSi2/c1-15-9-8-10(12-16(2,3)4)11(13)14-17(5,6)7/h10,12H,8-9H
InchiKey:	TUDIBXVQNGUEJY-UHFFFAOYSA-N
Formula:	C11H27NO2SeSi2
SMILES:	C[Se]CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	340.47
CAS:	959219-72-8

Physical Properties

Property code	Value	Unit	Source
log10ws	3.77		Crippen Method
logp	2.718		Crippen Method
rinpol	1592.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C959219728&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/97-056-3/Selenomethionine-N-O-bis-trimethylsilyl.pdf>

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