

Selenomethionine, tert-butyldimethylsilyl ester

Other names:	(S)-tert-Butyldimethylsilyl 2-amino-4-(methylselenanyl)butanoate
Inchi:	InChI=1S/C11H25NO2SeSi/c1-11(2,3)16(5,6)14-10(13)9(12)7-8-15-4/h9H,7-8,12H2,1-6H1
InchiKey:	NHILEZTZEIHDR-UHFFFAOYSA-N
Formula:	C11H25NO2SeSi
SMILES:	C[Se]CCC(N)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	310.37

Physical Properties

Property code	Value	Unit	Source
log10ws	1.58		Crippen Method
logp	2.423		Crippen Method
rinpol	1728.00		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=U378759&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/96-981-7/Selenomethionine-tert-butyldimethylsilyl-ester.pdf>

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