

L-Methionine, tert-butyldimethylsilyl ester

Other names:	L-methionine, tbdms derivative
Inchi:	InChI=1S/C11H25NO2SSi/c1-11(2,3)16(5,6)14-10(13)9(12)7-8-15-4/h9H,7-8,12H2,1-6H3
InchiKey:	BWMHBYHJANLPHL-UHFFFAOYSA-N
Formula:	C11H25NO2SSi
SMILES:	CSCCC(N)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	263.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.77		Crippen Method
logp	2.615		Crippen Method
rinpol	1646.60		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=U333293&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/65-674-2/l-methionine-tert-butyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-25 21:49:05.409496033 +0000 UTC m=+16370994.330073349.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.