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,7-8,12H2,1-6H
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/ci990307l
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