L-Methionine, trimethylsilyl ester

Other names: L-methionine, tms derivative
Inchi: InChI=1S/C8H19NO2SSi/c1-12-6-5-7(9)8(10)11-13(2,3)4/h7H,5-6,9H2,1-4H3
InchiKey: DJSOWYSMQHQIEA-UHFFFAOYSA-N
Formula: C8H19NO2SSi
SMILES: CSCCC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 221.40

Physical Properties

Property code	Value	Unit	Source
hf	-587.93	kJ/mol	Cheméo Relay (1.0)
ie	8.59	eV	Cheméo Relay (1.0)
logp	1.445		Crippen Method
rinpol	1420.00		NIST Webbook
rinpol	1411.40		NIST Webbook
rinpol	1411.40		NIST Webbook

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333294&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf: Enthalpy of formation at standard conditions
ie: Ionization energy
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices