

Methionine, MTH-TMS

Inchi: InChI=1S/C10H20N2OS2Si/c1-12-9(13-16(3,4)5)8(6-7-15-2)11-10(12)14/h6-7H2,1-5H3,
InchiKey: VHUSCHLZUNGGFFV-UHFFFAOYSA-N
Formula: C10H20N2OS2Si
SMILES: CSCCc1[nH]c(=S)n(C)c1O[Si](C)(C)C
Mol. weight [g/mol]: 276.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.94		Crippen Method
logp	2.720		Crippen Method
rinpol	1912.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R525476&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/29-015-3/Methionine-MTH-TMS.pdf>

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