

L-Cysteine, trimethylsilyl ester

Other names:	L-cysteine, tms derivative
Inchi:	InChI=1S/C6H15NO2SSi/c1-11(2,3)9-6(8)5(7)4-10/h5,10H,4,7H2,1-3H3
InchiKey:	SASUQSIXYAHYBP-UHFFFAOYSA-N
Formula:	C6H15NO2SSi
SMILES:	C[Si](C)(C)OC(=O)C(N)CS
Mol. weight [g/mol]:	193.34

Physical Properties

Property code	Value	Unit	Source
log10ws	1.13		Crippen Method
logp	0.622		Crippen Method
rinpol	1224.90		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333264&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/23-679-3/l-Cysteine-trimethylsilyl-ester.pdf>

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