

L-Cystathionine, N,N'-bis(tert-butyldimethylsilyl)-, bis(tert-butyldimethylsilyl) ester

Other names: L-cystathionine, lthdms derivative
Inchi: InChI=1S/C31H70N2O4SSi4/c1-28(2,3)39(13,14)32-24(26(34)36-41(17,18)30(7,8)9)21-2
InchiKey: SKJDCTIDDCCKYEU-UHFFFAOYSA-N
Formula: C31H70N2O4SSi4
SMILES: CC(C)(C)[Si](C)(C)NC(CCSCC(N[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C(=O)O
Mol. weight [g/mol]: 679.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.21		Crippen Method
logp	9.133		Crippen Method
rinpol	3023.30		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=U333967&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/66-063-9/L-Cystathionine-N-N-bis-tert-butyldimethylsilyl-bis-tert-butyldimethylsilyl-ester>.
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