L-Cystine, N,N1-bis(tert-butyldimethylsilyl)-, bis(tert-butyldimethylsilyl) ester

Other names: Cystine tetraTBDMS

L-cystine, 4tbdms derivative

Inchi: InChI=1S/C30H68N2O4S2Si4/c1-27(2,3)39(13,14)31-23(25(33)35-41(17,18)29(7,8)9)21-

InchiKey: USOBQYBXMPXMJM-UHFFFAOYSA-N

Formula: C30H68N2O4S2Si4

SMILES: CC(C)(C)[Si](C)(C)NC(CSSCC(N[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C)C(=O)O

Mol. weight [g/mol]: 697.34

CAS: 107716-02-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.67		Crippen Method
logp	9.391		Crippen Method
rinpol	3180.00		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=C107716029&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices