

L-Cysteine, N,S-bis(tert-butyl dimethylsilyl)-, tert-butyl dimethylsilyl ester

Other names:	tert-Butyl(dimethyl)silyl 2-((tert-butyl(dimethyl)silyl)amino)-3-((tert-butyl(dimethyl)silyl)sulfanyl)propanoate, Cysteine, N,S,O-tris-TBDMS (L) Cystein tri-TBDMS Cysteine, TBDMS L-cysteine, 3tbdms derivative
Inchi:	InChI=1S/C21H49NO2SSi3/c1-19(2,3)26(10,11)22-17(16-25-28(14,15)21(7,8)9)18(23)24
InchiKey:	KNTFUAXIDAVDEF-QGZVFWFLSA-N
Formula:	C21H49NO2SSi3
SMILES:	CC(C)(C)[Si](C)(C)NC(CS[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	463.94
CAS:	110024-94-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.81		Crippen Method
logp	7.237		Crippen Method
rinpol	2215.00		NIST Webbook
rinpol	2189.00		NIST Webbook
rinpol	2189.00		NIST Webbook
rinpol	2215.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C110024947&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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