

dl-5-Hydroxylysine, N,N,O-tris(trimethylsilyl)-, trimethylsilyl ester

Other names:	Trimethylsilyl 2,6-bis[(trimethylsilyl)amino]-5-[(trimethylsilyl)oxy]hexanoate DI-5-hydroxylysine, 4tms derivative
Inchi:	InChI=1S/C18H46N2O3Si4/c1-24(2,3)19-15-16(22-26(7,8)9)13-14-17(20-25(4,5)6)18(21)
InchiKey:	SJILGOSTYJAWTK-UHFFFAOYSA-N
Formula:	C18H46N2O3Si4
SMILES:	<chem>C[Si](C)(C)NCC(CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	450.91

Physical Properties

Property code	Value	Unit	Source
log10ws	3.89		Crippen Method
logp	4.582		Crippen Method
rinpol	1827.60		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332910&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/70-016-6/dl-5-Hydroxylysine-N-N-O-tris-trimethylsilyl-trimethylsilyl-ester.pdf>

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