

dl-5-Hydroxylysine, N,N,O-tris(tert-butyl dimethylsilyl)-, tert-butyl dimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 5-Hydroxylysine, 4-tboms derivative
tert-Butyl(dimethyl)silyl 2,5-bis(dimethylsilyloxy)aminomorpho-5-pyrrol[tert-butyl(dimethyl)silyl]oxymor

Inchi: InChI=1S/C30H70N2O3Si4/c1-27(2,3)36(13,14)31-23-24(34-38(17,18)29(7,8)9)21-22-25
InchiKey: AVNUPKYOYVVRNT-UHFFFAOYSA-N
Formula: C30H70N2O3Si4
SMILES: CC(C)(C)[Si](C)(C)NCC(CCC(N[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)(C)C(C)(C)C
Mol. weight [g/mol]: 619.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.14		Crippen Method
logp	9.264		Crippen Method
rinpol	2645.40		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=U332909&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/39-525-6/dl-5-Hydroxylysine-N-N-O-tris-tert-butyl dimethylsilyl-tert-butyl dimethylsilyl-ester>

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