

Lysine, N,N,N,O-4TMS

Inchi: InChI=1S/C18H46N2O2Si4/c1-23(2,3)19-17(18(21)22-26(10,11)12)15-13-14-16-20(24(4
InchiKey: NAMWUGJQNPIVND-UHFFFAOYSA-N
Formula: C18H46N2O2Si4
SMILES: C[Si](C)(C)NC(CCCCN([Si](C)(C)C)[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 434.91

Physical Properties

Property code	Value	Unit	Source
log10ws	3.71		Crippen Method
logp	5.300		Crippen Method
rinpol	1941.00		NIST Webbook
rinpol	1941.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R620165&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/114-003-1/Lysine-N-N-N-O-4TMS.pdf>

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