

Lysine, ethoxycarbonylated, TBDMS

Inchi: InChI=1S/C18H36N2O6Si/c1-8-24-16(22)19-13-11-10-12-14(20-17(23)25-9-2)15(21)26-2
InchiKey: ICIJXVLMFMFUTG-UHFFFAOYSA-N
Formula: C18H36N2O6Si
SMILES: CCOC(=O)NCCCCC(NC(=O)OCC)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 404.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.44		Crippen Method
logp	3.566		Crippen Method
rinpol	2453.00		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=R564575&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/43-240-7/Lysine-ethoxycarbonylated-TBDMS.pdf>

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