

Leu-Gly, N-trimethylsilyl-, trimethylsilyl ester

Other names:	Trimethylsilyl N-(trimethylsilyl)-l-leucylglycinate Leucylglycine, 2tms derivative
Inchi:	InChI=1S/C14H32N2O3Si2/c1-11(2)9-12(16-20(3,4)5)14(18)15-10-13(17)19-21(6,7)8/h1
InchiKey:	QKWYJZORNCHNIN-UHFFFAOYSA-N
Formula:	C14H32N2O3Si2
SMILES:	CC(C)CC(N[Si](C)(C)C)C(=O)NCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	332.59

Physical Properties

Property code	Value	Unit	Source
log10ws	1.33		Crippen Method
logp	2.320		Crippen Method
rinpola	1785.40		NIST Webbook
rinpola	1785.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333692&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/57-578-8/Leu-Gly-N-trimethylsilyl-trimethylsilyl-ester.pdf>

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