

L-Leucine, trimethylsilyl ester

Other names:	L-leucine, tms derivative
Inchi:	InChI=1S/C9H21NO2Si/c1-7(2)6-8(10)9(11)12-13(3,4)5/h7-8H,6,10H2,1-5H3
InchiKey:	JZGPZUIFYWMNKG-UHFFFAOYSA-N
Formula:	C9H21NO2Si
SMILES:	CC(C)CC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	203.35

Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	1.738		Crippen Method
rinpol	1179.00		NIST Webbook
rinpol	1155.70		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333250&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/41-351-6/l-Leucine-trimethylsilyl-ester.pdf>

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