

L-Isoleucine, trimethylsilyl ester

Other names:	L-isoleucine, tms derivative
Inchi:	InChI=1S/C9H21NO2Si/c1-6-7(2)8(10)9(11)12-13(3,4)5/h7-8H,6,10H2,1-5H3
InchiKey:	ZBVUZZNOZGCJIE-UHFFFAOYSA-N
Formula:	C9H21NO2Si
SMILES:	CCC(C)C(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	1178.60		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333273&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/12-162-8/l-isoleucine-trimethylsilyl-ester.pdf>

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