

L-Leucine, N-(tert-butyldimethylsilyl)-N-methyl-, tert-butyldimethylsilyl ester

Other names: Leu, N-methyl, TBDMS
N-methyl-L-leucine, 2,tdms derivative

Inchi: InChI=1S/C19H43NO2Si2/c1-15(2)14-16(20(9)23(10,11)18(3,4)5)17(21)22-24(12,13)19(20,21)
InchiKey: FTYZEGGZMNMHGB-UHFFFAOYSA-N
Formula: C19H43NO2Si2
SMILES: CC(C)CC(C(=O)O[Si](C)(C)C(C)(C)C)N(C)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 373.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.18		Crippen Method
logp	5.886		Crippen Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U221668&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/26-388-3/L-Leucine-N-tert-butyldimethylsilyl-N-methyl-tert-butyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-20 15:27:40.435813658 +0000 UTC m=+15916109.356390969.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.