

D,L-Norleucine, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:

Nor-Leu, TBDMS
Hexanoic acid, 2-amino, O,N-bis-DMTBS
Ner-Leu, TBDMS
D,l-norleucine, 2tdms derivative

Inchi:

InChI=1S/C18H41NO2Si2/c1-12-13-14-15(19-22(8,9)17(2,3)4)16(20)21-23(10,11)18(5,6)

InchiKey:

VITBOBWQNHMTFF-UHFFFAOYSA-N

Formula:

C18H41NO2Si2

SMILES:

CCCCC(N[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]:

359.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.62		Crippen Method
logp	5.688		Crippen Method
rinpol	1751.00		NIST Webbook
rinpol	1751.00		NIST Webbook

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=U221648&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/121-890-9/D-L-Norleucine-N-tert-butyldimethylsilyl-tert-butyldimethylsilyl-ester.pdf>

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