

L-Threonine, o-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:	L-threonine, 2tbdms derivative
Inchi:	InChI=1S/C16H37NO3Si2/c1-12(19-21(8,9)15(2,3)4)13(17)14(18)20-22(10,11)16(5,6)7/h
InchiKey:	WXIJIVIRXUOREX-UHFFFAOYSA-N
Formula:	C16H37NO3Si2
SMILES:	CC(O[Si](C)(C)C(C)(C)C(N)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	347.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.23		Crippen Method
logp	4.272		Crippen Method
rinpol	1738.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333255&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/35-887-9/l-Threonine-o-tert-butyldimethylsilyl-tert-butyldimethylsilyl-ester.pdf>

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