

# L-Threonine, N-(trifluoroacetyl)-, trimethylsilyl ester, trifluoroacetate (ester)

<b>Other names:</b>	L-Threonine, N,O-di(trifluoroacetyl)-, trimethylsilyl ester Trimethylsilyl 2-[(trifluoroacetyl)amino]-3-[(trifluoroacetyl)oxy]butanoate
<b>Inchi:</b>	InChI=1S/C11H15F6NO5Si/c1-5(22-9(21)11(15,16)17)6(7(19)23-24(2,3)4)18-8(20)10(12)
<b>InchiKey:</b>	OMNIFVPZYCPNJD-UHFFFAOYSA-N
<b>Formula:</b>	C11H15F6NO5Si
<b>SMILES:</b>	CC(OC(=O)C(F)(F)F)C(NC(=O)C(F)(F)F)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	383.32
<b>CAS:</b>	52558-90-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	1.906		Crippen Method
rinpol	1146.60		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558904&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558904&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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