

# L-Methionine, N-(trifluoroacetyl)-, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl 4-(methylsulfanyl)-2-[(trifluoroacetyl)amino]butanoate L-methionine, n-(trifluoroacetyl)-, tms derivative
<b>Inchi:</b>	InChI=1S/C10H18F3NO3SSi/c1-18-6-5-7(8(15)17-19(2,3)4)14-9(16)10(11,12)13/h7H,5-6
<b>InchiKey:</b>	XTJJUKGBAFRTRJ-UHFFFAOYSA-N
<b>Formula:</b>	C10H18F3NO3SSi
<b>SMILES:</b>	CSCCC(=O)C(F)(F)F)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	317.40
<b>CAS:</b>	52558-92-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	2.165		Crippen Method
rinpol	1463.10		NIST Webbook

## Sources

<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=C52558926&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558926&amp;Units=SI</a>
<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>

## 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

Latest version available from:

<https://www.chemeo.com/cid/54-178-5/L-Methionine-N-trifluoroacetyl-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-05-03 06:12:17.791443652 +0000 UTC m=+17005986.712020967.

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