

# Acetamide, 2,2,2-trifluoro-N-(trimethylsilyl)-

<b>Other names:</b>	Trifluoroacetamide, N-methyl-N-trimethylsilyl
<b>Inchi:</b>	InChI=1S/C5H10F3NOSi/c1-11(2,3)9-4(10)5(6,7)8/h1-3H3,(H,9,10)
<b>InchiKey:</b>	QLPZEDHKVHQPAD-UHFFFAOYSA-N
<b>Formula:</b>	C5H10F3NOSi
<b>SMILES:</b>	C[Si](C)(C)N=C(O)C(F)(F)F
<b>Mol. weight [g/mol]:</b>	185.22
<b>CAS:</b>	55982-15-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.39		Crippen Method
logp	2.340		Crippen Method

## 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=C55982155&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55982155&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

Latest version available from:

<https://www.chemeo.com/cid/98-457-7/Acetamide-2-2-2-trifluoro-N-trimethylsilyl.pdf>

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