

# 1,2,3,4-Tetrahydroquinoline, N-trifluoroacetyl-

<b>Other names:</b>	1,2,3,4-Tetrahydroquinoline, TFA
<b>Inchi:</b>	InChI=1S/C11H10F3NO/c12-11(13,14)10(16)15-7-3-5-8-4-1-2-6-9(8)15/h1-2,4,6H,3,5,7H
<b>InchiKey:</b>	XLGFUYHYKNMRQQ-UHFFFAOYSA-N
<b>Formula:</b>	C11H10F3NO
<b>SMILES:</b>	O=C(N1CCCCc2ccccc21)C(F)(F)F
<b>Mol. weight [g/mol]:</b>	229.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.93		Crippen Method
logp	2.528		Crippen Method
mcvol	148.090	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U328353&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U328353&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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