

# 3-Furoic acid, anhydride with trifluoroacetic acid

<b>Inchi:</b>	InChI=1S/C7H3F3O4/c8-7(9,10)6(12)14-5(11)4-1-2-13-3-4/h1-3H
<b>InchiKey:</b>	MSWXYWXXOSFSRF-UHFFFAOYSA-N
<b>Formula:</b>	C7H3F3O4
<b>SMILES:</b>	O=C(OC(=O)C(F)(F)F)c1ccoc1
<b>Mol. weight [g/mol]:</b>	208.09

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.30		Crippen Method
logp	1.525		Crippen Method
mcvol	110.220	ml/mol	McGowan Method
rinsol	891.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U374896&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U374896&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
<b>rinsol:</b>	Non-polar retention indices

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