

# 3-Penten-2-one, 3-(2-furanyl)-

<b>Other names:</b>	3-(2-Furyl)-3-penten-2-one 3-(2-Furanyl)-3-penten-2-one
<b>Inchi:</b>	InChI=1S/C9H10O2/c1-3-8(7(2)10)9-5-4-6-11-9/h3-6H,1-2H3/b8-3+
<b>InchiKey:</b>	JXBNWSXFXIUPHP-FPYGCLRLSA-N
<b>Formula:</b>	C9H10O2
<b>SMILES:</b>	CC=C(C(C)=O)c1ccco1
<b>Mol. weight [g/mol]:</b>	150.17
<b>CAS:</b>	56335-77-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.56		Crippen Method
logp	2.272		Crippen Method
mcvol	121.350	ml/mol	McGowan Method
ripol	1933.00		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>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C56335774&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C56335774&amp;Units=SI</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>ripol:</b>	Polar retention indices

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