

# 3-(5'-formyl-2'-furyl)-2-phenyl-2-propenal

<b>Inchi:</b>	InChI=1S/C14H10O3/c15-9-12(11-4-2-1-3-5-11)8-13-6-7-14(10-16)17-13/h1-10H/b12-8-
<b>InchiKey:</b>	KVOQWRJPVMGIMB-WQLSENKSSA-N
<b>Formula:</b>	C14H10O3
<b>SMILES:</b>	O=CC(=Cc1ccc(C=O)o1)c1ccccc1
<b>Mol. weight [g/mol]:</b>	226.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.75		Crippen Method
logp	2.832		Crippen Method
mcvol	169.610	ml/mol	McGowan Method
rinpol	1881.00		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=R389814&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R389814&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>rinpol:</b>	Non-polar retention indices

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