

# 1-phenyl-2-(5-methyl-2-furanyl)-ethane

<b>Inchi:</b>	InChI=1S/C13H14O/c1-11-7-9-13(14-11)10-8-12-5-3-2-4-6-12/h2-7,9H,8,10H2,1H3
<b>InchiKey:</b>	UYDLPUUDPYGIKL-UHFFFAOYSA-N
<b>Formula:</b>	C13H14O
<b>SMILES:</b>	Cc1ccc(CCc2ccccc2)o1
<b>Mol. weight [g/mol]:</b>	186.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.10		Crippen Method
logp	3.373		Crippen Method
mcvol	156.680	ml/mol	McGowan Method
ripol	1923.00		NIST Webbook
ripol	1923.00		NIST Webbook

## Sources

<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=R492816&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R492816&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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