

# 2,2'-Bifuran

<b>Other names:</b>	2,2'-Bifuryl 2,2'-Difuryl 2,2'-bis(Furan) 2-(2-furanyl)-furan
<b>Inchi:</b>	InChI=1S/C8H6O2/c1-3-7(9-5-1)8-4-2-6-10-8/h1-6H
<b>InchiKey:</b>	UDHZFLBMZZVHRA-UHFFFAOYSA-N
<b>Formula:</b>	C8H6O2
<b>SMILES:</b>	<chem>c1coc(-c2ccco2)c1</chem>
<b>Mol. weight [g/mol]:</b>	134.13
<b>CAS:</b>	5905-00-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.54		Crippen Method
logp	2.540		Crippen Method
mcvol	96.400	ml/mol	McGowan Method
ripol	1047.00		NIST Webbook
ripol	1565.00		NIST Webbook
ripol	1568.00		NIST Webbook
ripol	1568.00		NIST Webbook
ripol	1569.00		NIST Webbook
ripol	1564.00		NIST Webbook
ripol	1614.00		NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	336.50 ± 0.50	K	1.50	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=C5905000&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5905000&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices
<b>tbrp:</b>	Boiling point at reduced pressure

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