

# Furan, 2-chloro-

<b>Other names:</b>	2-Chlorofuran
<b>Inchi:</b>	InChI=1S/C4H3ClO/c5-4-2-1-3-6-4/h1-3H
<b>InchiKey:</b>	YSMYHQBQQONPRD-UHFFFAOYSA-N
<b>Formula:</b>	C4H3ClO
<b>SMILES:</b>	Clc1ccco1
<b>Mol. weight [g/mol]:</b>	102.52
<b>CAS:</b>	3187-94-8

## Physical Properties

Property code	Value	Unit	Source
ie	8.75	eV	NIST Webbook
log10ws	-5.89		Crippen Method
logp	1.933		Crippen Method
mcpol	65.870	ml/mol	McGowan Method
rinpol	628.00		NIST Webbook
rinpol	628.00		NIST Webbook
tb	351.65 ± 2.00	K	NIST Webbook
tb	351.65 ± 2.00	K	NIST Webbook

## Sources

<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=C3187948&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3187948&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>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**tb:** Normal Boiling Point Temperature

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