

# 3,5-Dichloro-2-pyridone

<b>Other names:</b>	2(1H)-Pyridinone, 3,5-dichloro- 2(1H)-Pyridone, 3,5-dichloro- 2-Pyridinol, 3,5-dichloro-
<b>Inchi:</b>	InChI=1S/C5H3Cl2NO/c6-3-1-4(7)5(9)8-2-3/h1-2H,(H,8,9)
<b>InchiKey:</b>	ZICOPWJJZSJEDL-UHFFFAOYSA-N
<b>Formula:</b>	C5H3Cl2NO
<b>SMILES:</b>	Oc1ncc(Cl)cc1Cl
<b>Mol. weight [g/mol]:</b>	163.99
<b>CAS:</b>	5437-33-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	2.094		Crippen Method
mcvol	97.880	ml/mol	McGowan Method

## 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=C5437332&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5437332&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>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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