

# Purine, 2-chloro-

<b>Inchi:</b>	InChI=1S/C5H3ClN4/c6-5-7-1-3-4(10-5)9-2-8-3/h1-2H,(H,7,8,9,10)
<b>InchiKey:</b>	JBMBVWROWJGFMG-UHFFFAOYSA-N
<b>Formula:</b>	C5H3ClN4
<b>SMILES:</b>	Clc1ncc2ncnc-2[nH]1
<b>Mol. weight [g/mol]:</b>	154.56
<b>CAS:</b>	1681-15-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	0.476		Crippen Method
mcvol	94.550	ml/mol	McGowan Method

## 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=C1681158&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1681158&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.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

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<https://www.chemeo.com/cid/98-439-7/Purine-2-chloro.pdf>

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