

# Pyrimidine, 5-amino-4-chloro-6-hydrazino-

<b>Inchi:</b>	InChI=1S/C4H6ClN5/c5-3-2(6)4(10-7)9-1-8-3/h1H,6-7H2,(H,8,9,10)
<b>InchiKey:</b>	ROYDODCAYOBXEU-UHFFFAOYSA-N
<b>Formula:</b>	C4H6ClN5
<b>SMILES:</b>	NNc1ncnc(Cl)c1N
<b>Mol. weight [g/mol]:</b>	159.58
<b>CAS:</b>	42786-59-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.34		Crippen Method
logp	-0.002		Crippen Method
mcvol	105.600	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=C42786594&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C42786594&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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