

# 4-Aminopyrimidine

<b>Other names:</b>	Pyrimidine, 4-amino- 4-Pyrimidinamine 3,4-Dihydro-4-iminopyrimidine 6-Aminopyrimidine Pyrimidin-4-ylamine 4-Pyrimidineamine
<b>Inchi:</b>	InChI=1S/C4H5N3/c5-4-1-2-6-3-7-4/h1-3H,(H2,5,6,7)
<b>InchiKey:</b>	OYRRZWATULMEPF-UHFFFAOYSA-N
<b>Formula:</b>	C4H5N3
<b>SMILES:</b>	<chem>Nc1ccnc1</chem>
<b>Mol. weight [g/mol]:</b>	95.10
<b>CAS:</b>	591-54-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.64		Crippen Method
logp	0.059		Crippen Method
mcvol	73.400	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C591548&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C591548&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>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</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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