

# 2-Amino-4-methyl-3-nitropyridine

<b>Other names:</b>	2-Pyridinamine, 4-methyl-3-nitro-Pyridine, 2-amino-3-nitro-4-methyl-2-Amino-3-nitro-4-picoline
<b>Inchi:</b>	InChI=1S/C6H7N3O2/c1-4-2-3-8-6(7)5(4)9(10)11/h2-3H,1H3,(H2,7,8)
<b>InchiKey:</b>	IKMZGACFMXZAAT-UHFFFAOYSA-N
<b>Formula:</b>	C6H7N3O2
<b>SMILES:</b>	<chem>Cc1ccnc(N)c1[N+](=O)[O-]</chem>
<b>Mol. weight [g/mol]:</b>	153.14
<b>CAS:</b>	6635-86-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.00		Crippen Method
logp	0.880		Crippen Method
mcvol	109.020	ml/mol	McGowan Method

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6635865&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6635865&amp;Units=SI</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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