

# 2-Pyridinamine, 4-methyl-

<b>Other names:</b>	2-Amino-«gamma»-picoline 2-amino-4-methylpyridine 2-amino-4-picoline 4-Methyl-2-aminopyridine 4-Methyl-2-pyridylamine 4-Picoline, 2-amino- 4-Picolylamine 4-methyl-2-pyridinamine 4M2AP Aminopicoline Methyl-4 amino-2-pyridine NSC 1490 NSC 6972 Pyridine, 2-amino-4-methyl- RA 1226 VMI 20-4 W 45 W 45 Raschig ascensil «alpha»-Amino-«gamma»-picoline
<b>Inchi:</b>	InChI=1S/C6H8N2/c1-5-2-3-8-6(7)4-5/h2-4H,1H3,(H2,7,8)
<b>InchiKey:</b>	ORLGLBZRQYOWNA-UHFFFAOYSA-N
<b>Formula:</b>	C6H8N2
<b>SMILES:</b>	Cc1ccnc(N)c1
<b>Mol. weight [g/mol]:</b>	108.14
<b>CAS:</b>	695-34-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.35		Crippen Method
logp	0.972		Crippen Method
mcvol	91.600	ml/mol	McGowan Method
rinpol	1113.00		NIST Webbook
rinpol	1153.00		NIST Webbook
rinpol	1113.00		NIST Webbook
rinpol	1153.00		NIST Webbook
ripol	2001.00		NIST Webbook

ripol	1952.00		NIST Webbook
ripol	2001.00		NIST Webbook
ripol	1952.00		NIST Webbook
tb	503.20	K	NIST Webbook
tb	498.00 ± 25.00	K	NIST Webbook
tf	371.00	K	NIST Webbook

## Sources

<b>Adducts of antimony triiodide and 2-aminomethylpyridines: Synthesis, McGowan Method and thermochemistry:</b>	<a href="https://www.doi.org/10.1016/j.tca.2005.08.006">https://www.doi.org/10.1016/j.tca.2005.08.006</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=C695341&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C695341&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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
<b>ripol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tf:</b>	Normal melting (fusion) point

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