

2-Pyrimidinamine, 4-chloro-6-methyl-

Other names:	AM 2-Amino-4-chloro-6-methylpyrimidine AM (nitrification inhibitor) 4-Chloro-6-methyl-2-pyrimidinamine Pyrimidine, 2-amino-4-chloro-6-methyl- prepn. AM AM (inhibitor) AM (pesticide) 4-Chloro-6-methylpyrimidin-2-ylamine NSC 23661 NSC 7892
Inchi:	InChI=1S/C5H6ClN3/c1-3-2-4(6)9-5(7)8-3/h2H,1H3,(H2,7,8,9)
InchiKey:	NPTGVVKPLWFPPX-UHFFFAOYSA-N
Formula:	C5H6ClN3
SMILES:	<chem>Cc1cc(Cl)nc(=N)[nH]1</chem>
Mol. weight [g/mol]:	143.57
CAS:	5600-21-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.61		Crippen Method
logp	0.369		Crippen Method
mcvol	99.730	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5600215&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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