

2-Pyridinamine, 4,6-dimethyl-

Other names:	2-Amino-4,6-dimethylpyridine 6-Amino-2,4-lutidine 4,6-Dimethyl-2-aminopyridine 4,6-Dimethyl-2-pyridinamine 2,4-Lutidine, 6-amino- 2-Amino-4,6-lutidine Pyridine, 2-amino-4,6-dimethyl- NSC 10731 4,6-dimethyl-2-pyridylamine
Inchi:	InChI=1S/C7H10N2/c1-5-3-6(2)9-7(8)4-5/h3-4H,1-2H3,(H2,8,9)
InchiKey:	BRBUBVKGJRPRRD-UHFFFAOYSA-N
Formula:	C7H10N2
SMILES:	<chem>Cc1cc(C)nc(N)c1</chem>
Mol. weight [g/mol]:	122.17
CAS:	5407-87-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.82		Crippen Method
logp	1.281		Crippen Method
mcvol	105.690	ml/mol	McGowan Method
tb	508.20	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5407874&Units=SI
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

Legend

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

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