2-Pyrimidinamine, 4,6-dimethyl-

Other names:	2-amino-4,6-dimethylpyrimidine
	4,6-Dimethyl-pyrimidin-2-ylamine
	4,6-dimethyl-2-aminopyrimidine
	4,6-dimethyl-2-pyrimidinamine
	Acetylacetoneguanidine
	Pyrimidine, 2-amino-4,6-dimethyl-
Inchi:	InChI=1S/C6H9N3/c1-4-3-5(2)9-6(7)8-4/h3H,1-2H3,(H2,7,8,9)
InchiKey:	IDQNBVFPZMCDDN-UHFFFAOYSA-N
Formula:	C6H9N3
SMILES:	Cc1cc(C)nc(N)n1
Mol. weight [g/mol]:	123.16
CAS:	767-15-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	0.676		Crippen Method
mcvol	101.580	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
rhos	1240.00	kg/m3	298.15	Energetics of aminomethylpyrimidines: An examination of the aromaticity of nitrogen heteromonocyclic derivatives

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C767157&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Energetics of aminomethylpyrimidines: An examination of the aromaticity of nitrogen heteromonocyclic derivatives:	https://www.doi.org/10.1016/j.jct.2013.03.010

Legend

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