2-Pyridinamine, 5-methyl-

Other names:	2-amino-5-methylpyridine
	2-amino-5-picoline
	3-picoline, 6-amino-
	5-Methyl-2-aminopyridine
	5-Methyl-2-pyridylamine
	5-methyl-2-pyridinamine
	6-Amino-3-picoline
	NSC 1489
	NSC 96444
	Pyridine, 2-amino-5-methyl
Inchi:	InChI=1S/C6H8N2/c1-5-2-3-6(7)8-4-5/h2-4H,1H3,(H2,7,8)
InchiKey:	CMBSSVKZOPZBKW-UHFFFAOYSA-N
Formula:	C6H8N2
SMILES:	Cc1ccc(N)nc1
Mol. weight [g/mol]:	108.14
CAS:	1603-41-4

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	1148.00		NIST Webbook
rinpol	1118.00		NIST Webbook
rinpol	1118.00		NIST Webbook
ripol	1975.00		NIST Webbook
ripol	1975.00		NIST Webbook
ripol	1984.00		NIST Webbook
tb	500.20	K	NIST Webbook
tb	500.00	K	NIST Webbook
tf	349.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Adducts of antimony triiodide and 2-aminomethylpyridines: Synthesis, characterization and thermochemistry:	https://www.doi.org/10.1016/j.tca.2005.08.006
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1603414&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point