2-Pyridinamine, 6-methyl-

Other names:	2-Picoline, 6-amino-
	2-amino-6-methylpyridine
	2-amino-6-picoline
	6-Methyl-2-aminopyridine
	6-Methyl-2-pyridinamine
	6-Methyl-2-pyridylamine
	6-amino-2-methylpyridine
	6-amino-2-picoline
	NSC 1488
	NSC 6971
	pyridine, 2-amino-6-methyl-
Inchi:	InChI=1S/C6H8N2/c1-5-3-2-4-6(7)8-5/h2-4H,1H3,(H2,7,8)
InchiKey:	QUXLCYFNVNNRBE-UHFFFAOYSA-N
Formula:	C6H8N2
SMILES:	Cc1cccc(N)n1
Mol. weight [g/mol]:	108.14
CAS:	1824-81-3

Physical Properties

Property code	Value	Unit	Source
ie	9.10	eV	NIST Webbook
log10ws	-1.35		Crippen Method
logp	0.972		Crippen Method
mcvol	91.600	ml/mol	McGowan Method
rinpol	1074.00		NIST Webbook
ripol	1893.00		NIST Webbook
tb	481.70	K	NIST Webbook
tb	481.50 ± 0.50	K	NIST Webbook
tf	314.00	K	NIST Webbook

Sources

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=C1824813&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy
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