

N-Methyl-4-pyridinamine

Other names:	4-Pyridinamine, N-methyl- 4-(Methylamino)pyridine 4-(N-Methylamino)pyridine N-Methyl-4-aminopyridine Pyridine, 4-(methylamino)-
Inchi:	InChI=1S/C6H8N2/c1-7-6-2-4-8-5-3-6/h2-5H,1H3,(H,7,8)
InchiKey:	LSCYTCMNCWMCQE-UHFFFAOYSA-N
Formula:	C6H8N2
SMILES:	CNc1ccncc1
Mol. weight [g/mol]:	108.14
CAS:	1121-58-0

Physical Properties

Property code	Value	Unit	Source
ie	8.75 ± 0.05	eV	NIST Webbook
log10ws	-1.25		Crippen Method
logp	1.123		Crippen Method
mcvol	91.600	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	54.10	kJ/mol	328.00	NIST Webbook

Sources

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=C1121580&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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