# 2-Pyridinamine, N-methyl-

**Other names:** Pyridine, 2-(methylamino)-
N-2-Pyridylmethylamine
2-(Methylamino)pyridine
N-Methyl-2-pyridinamine
Methylamino-2 pyridine
**Inchi:** InChI=1S/C6H8N2/c1-7-6-4-2-3-5-8-6/h2-5H,1H3,(H,7,8)
**InchiKey:** SVEUVITYHIHZQE-UHFFFAOYSA-N
**Formula:** C6H8N2
**SMILES:** CNc1ccccn1
**Mol. weight [g/mol]:** 108.14
**CAS:** 4597-87-9

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| ie | 8.26 ± 0.05 | eV | NIST Webbook |
| log10ws | -1.25 | | Crippen Method |
| logp | 1.123 | | Crippen Method |
| mcvol | 91.600 | ml/mol | McGowan Method |
| tb | 473.70 | K | NIST Webbook |
| tb | 475.15 ± 3.00 | K | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| hvapt | 49.00 | kJ/mol | 315.50 | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C4597879&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

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

# Legend

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|---|---|
| **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 |
| **tb:** | Normal Boiling Point Temperature |