# 3-Amino-2,6-dimethylpyridine

**Other names:** 2,6-Dimethyl-5-aminopyridine
2,6-dimethyl-3-pyridylamine
**Inchi:** InChI=1S/C7H10N2/c1-5-3-4-7(8)6(2)9-5/h3-4H,8H2,1-2H3
**InchiKey:** WISXXOGOMDYNSN-UHFFFAOYSA-N
**Formula:** C7H10N2
**SMILES:** Cc1ccc(N)c(C)n1
**Mol. weight [g/mol]:** 122.17

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | 56.32 | kJ/mol | Cheméo Relay (1.0) |
| hvap | 59.31 | kJ/mol | Cheméo Relay (1.0) |
| ie | 8.04 | eV | Cheméo Relay (1.0) |
| log10ws | -0.40 | | Cheméo Relay (1.0) |
| logp | 1.281 | | Crippen Method |
| mcvol | 105.690 | ml/mol | McGowan Method |
| tb | 504.70 | K | NIST Webbook |
| tb | 504.50 ± 3.50 | K | NIST Webbook |
| tc | 723.15 | K | Cheméo Relay (1.0) |
| tf | 396.00 | K | NIST Webbook |

# Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Cheméo Relay (1.0):**
**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C3430339&Units=SI

# Legend

| | |
|---|---|
| **hf:** | Enthalpy of formation at standard conditions |
| **hvap:** | Enthalpy of vaporization at standard conditions |
| **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 |
| **tc:** | Critical Temperature |
| **tf:** | Normal melting (fusion) point |