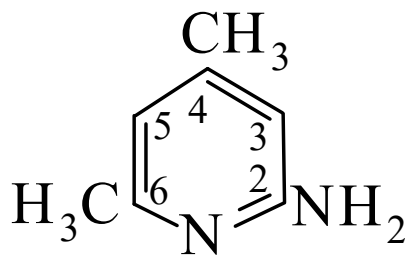




>>Entry Name: 2-Amino-4,6-dimethylpyridine

Synonym(s): 4,6-Dimethyl-2-pyridinamine, 9Cl. 6-Amino-2,4-lutidine, 8Cl



CAS Registry Number: 5407-87-4

Molecular Formula: C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Physical Description: Cryst. (Et<sub>2</sub>O/petrol)

Melting Point: Mp 69-70.5° (60-62°)

pKa Value: pK<sub>a</sub> 4.98 (20°)

Hazard & Toxicity: LD<sub>50</sub> (mus, scu) 25 mg/kg

Aldrich: A5180-7

>>Derivative: N-Me

Molecular Formula: C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Melting Point: Mp 41-43°

#### References:

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Perveev, F. *et al.*, *Zh. Org. Khim.*, 1969, **5**, 1334

Tanga, M.J. *et al.*, *J. Het. Chem.*, 1997, **34**, 717-727, (*N-Me*)

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