



>>Entry Name: **4-Amino-3-methylpyridine**

Synonym(s): 3-Methyl-4-pyridinamine, 9Cl. 4-Amino- β -picoline

CAS Registry Number: 1990-90-5

Molecular Formula: C₆H₈N₂

Molecular Weight: 108.143

Accurate Mass: 108.068748

Percentage Composition: C 66.64%; H 7.46%; N 25.90%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 108-109°

pKa Value: pK_a 9.45 (20°)

Hazard & Toxicity: LD₅₀ (rat, orl) 446 mg/kg

>>Derivative: *N*-Ac

Molecular Formula: C₈H₁₀N₂O

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Melting Point: Mp 151-152°

>>Derivative: *N*-(4-Methylbenzenesulfonyl)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 212-213°

References:

Herz, W. *et al.*, *J.A.C.S.*, 1954, **76**, 4184, (*synth*)

Rao, R.P., *Aust. J. Chem.*, 1964, **17**, 1434, (*derivs*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, AMA000