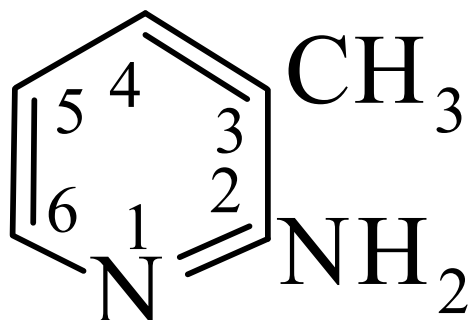




>>Entry Name: 2-Amino-3-methylpyridine

Synonym(s): 3-Methyl-2-pyridinamine, 9Cl. 2-Amino- β -picoline



CAS Registry Number: 1603-40-3

Molecular Formula: $C_6H_8N_2$

Molecular Weight: 108.143

Accurate Mass: 108.068748

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

Melting Point: Mp 26-26.4°

Boiling Point: Bp₇₄₈ 222°. Bp₁₁ 102-103°

Solubility: Sol. H₂O

pKa Value: pK_{a1} 7.48; pK_{a2} -7.59 (20°)

Hazard & Toxicity: LD₅₀ (rat, orl) 100 mg/kg. LD₅₀ (gpg, skn) 200 mg/kg

Aldrich: A7563-3

Fluka: 8619

Sigma: A9036

>>Derivative: Hydrochloride

Physical Description: Cryst. + 1H₂O (EtOH/Et₂O)

Melting Point: Mp 68-75°

>>Derivative: Picrate

Physical Description: Yellow cryst. (Me₂CO)

Melting Point: Mp 229°