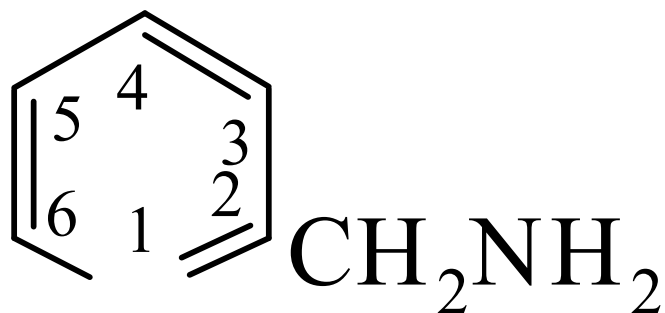




>>Entry Name: 2-(Aminomethyl)pyridine

Synonym(s): 2-Pyridinemethanamine, 9CI. 2-Pyridylmethanamine. α -Picolylamine. Monopicolylamine



CAS Registry Number: 3731-51-9

Molecular Formula: C₆H₈N₂

Molecular Weight: 108.143

Accurate Mass: 108.068748

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

Boiling Point: Bp₁₅ 91°. Bp₁₂ 82°

Solubility: Sol. H₂O

pKa Value: pK_{a1} 8.57; pK_{a2} 2.14 (25°, 0.1M KNO₃)

Hazard & Toxicity: LD₅₀ (bwd, orl) 562 mg/kg. LD₅₀ (mus, ivn) 340 mg/kg

Aldrich: A6520-4

Fluka: 80350

Sigma: A4158

>>Derivative: Hydrobromide (1:2)

Melting Point: Mp 234°

>>Derivative: Acetate

Melting Point: Mp 127°

>>Derivative: Picrate

Physical Description: Needles (EtOH)

Melting Point: Mp 162 dec.°