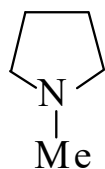




>>Entry Name: 1-Methylpyrrolidine, 9CI



CAS Registry Number: 120-94-5

Molecular Formula: C₅H₁₁N

Molecular Weight: 85.149

Accurate Mass: 85.089149

Percentage Composition: C 70.53%; H 13.02%; N 16.45%

Biological Source: Minor alkaloid from tobacco (*Nicotiana tabacum*), also found in *Atropa belladonna* (Solanaceae)

Physical Description: Liq.

Boiling Point: Bp₇₅₀ 80-81°

Solubility: Misc. H₂O

pKa Value: pK_a 10.32 (25°)

Refractive Index: n_D²⁰ 1.4311

Other Data: Volatile in Et₂O vapour

Hazard & Toxicity: Highly flammable, fl.p. -14°. Corrosive and irritating to skin, eyes and mucous membranes

Aldrich: M7920-4

Fluka: 69110

Sigma: M2399

>>Derivative: Methobromide

CAS Registry Number: 23827-15-8

Physical Description: Cryst. (EtOAc/EtOH)

Melting Point: Mp 225°

>>Derivative: Picrate

Physical Description: Yellow plates (EtOH)

Melting Point: Mp 224°

>>Derivative: N-Oxide

CAS Registry Number: 7529-17-1

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Physical Description: Cryst.

Melting Point: Mp 60°

Other: PB M27540

References:

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