



>>Entry Name: 3-Methylpyridine, 9CI

Synonym(s): 3-Picoline, 8CI. β -Picoline

CAS Registry Number: 108-99-6

Extra CAS Registry Numbers(s): 1333-41-1

Molecular Formula: C_6H_7N

Molecular Weight: 93.128

Accurate Mass: 93.057849

Percentage Composition: C 77.38%; H 7.58%; N 15.04%

Physical Description: Oil with sweetish odour

Boiling Point: Bp 143.8°

Solubility: Misc. most solvs.

Density: d_4^{25} 0.952

pKa Value: pK_a 5.7 (25°)

Refractive Index: n_D^{25} 1.5043

Hazard & Toxicity: Flammable, fl. p. 40°. Irritant. Adverse CNS effects by inhalation. LD₅₀ (rat, ipr) 150 mg/kg

Aldrich: P4205-3

Fluka: 80230

>>Derivative: Methiodide

CAS Registry Number: 10129-51-8

Melting Point: Mp 92°

Rare Chemicals Library: S61939-6

>>Derivative: Picrate

Melting Point: Mp 149-150°

>>Derivative: N-Oxide

CAS Registry Number: 1003-73-2

Molecular Formula: C_6H_7NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

Melting Point: Mp 33-35°

Boiling Point: Bp₁₅ 150°

pKa Value: pK_a 1.08

Aldrich: P4240-1

Fluka: 80270

References:

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