



>>Entry Name: 4-Ethylpyridine

CAS Registry Number: 536-75-4

Structure by analogy with 2-Ethylpyridine, [KCT87-N](#)

Molecular Formula: C₇H₉N

Molecular Weight: 107.155

Accurate Mass: 107.073499

Percentage Composition: C 78.46%; H 8.47%; N 13.07%

Physical Description: Liq.

Boiling Point: Bp₇₅₀ 169.6-170°

Density: d₄²⁰ 0.94

pKa Value: pK_a 5.87 (25°)

Refractive Index: n_D¹⁸ 1.5029

Aldrich: 11243-7

Fluka: 4800

Sigma: E2258

>>Derivative: Picrate

Melting Point: Mp 168°

>>Derivative: N-Oxide

CAS Registry Number: 14906-55-9

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Melting Point: Mp 109-110°

Boiling Point: Bp₁₂ 155°

Rare Chemicals Library: S86932-5

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 736B, (*ir*)

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Wibaut, J.P. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1941, **60**, 119, (*synth*)

Mijajima, G. *et al.*, *Chem. Pharm. Bull.*, 1972, **20**, 429, (*cmr*)

Ferles, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1973, **38**, 611, (*synth*)

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