



>>Entry Name: 3-Methyl-2-phenylpyridine, 9CI

Synonym(s): 2-Phenyl-3-picoline, 8CI

CAS Registry Number: 10273-90-2

Molecular Formula: C₁₂H₁₁N

Molecular Weight: 169.226

Accurate Mass: 169.089149

Percentage Composition: C 85.17%; H 6.55%; N 8.28%

Physical Description: Liq.

Boiling Point: Bp₃ 159-160°

Aldrich: 19886-2

>>Derivative: Picrate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 159-160°. Mp 200-201°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 250C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 739C, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1519D, (ir)

Abramovitch, R.A. *et al.*, *Can. J. Chem.*, 1960, **38**, 761; 1966, **44**, 1765, (synth, ir, uv)

DuPriest, M.T. *et al.*, *J.O.C.*, 1986, **51**, 2021, (synth, pmr)