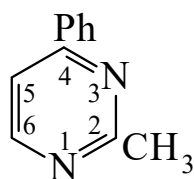




>>Entry Name: 2-Methyl-4-phenylpyrimidine, 9CI



CAS Registry Number: 21203-79-2

Molecular Formula: C₁₁H₁₀N₂

Molecular Weight: 170.213

Accurate Mass: 170.084398

Percentage Composition: C 77.62%; H 5.92%; N 16.46%

Physical Description: Leaflets (hexane or by subl.)

Melting Point: Mp 54-55°

>>Derivative: Monopicrate

CAS Registry Number: 21203-80-5

Melting Point: Mp 205-206°

>>Derivative: 1-Oxide

CAS Registry Number: 69098-69-7

Molecular Formula: C₁₁H₁₀N₂O

Molecular Weight: 186.213

Accurate Mass: 186.079313

Percentage Composition: C 70.95%; H 5.41%; N 15.04%; O 8.59%

Physical Description: Needles (C₆H₆)

Melting Point: Mp 153-154°

References:

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Zhdanova, M.P. *et al.*, *Chem. Heterocycl. Compd.*, 1978, **14**, 371, (*synth, ir*)

Yamanaka, H. *et al.*, *Chem. Pharm. Bull.*, 1980, **28**, 1526, (*oxide*)

Burdeska, K. *et al.*, *Helv. Chim. Acta*, 1981, **64**, 113, (*pmr*)