



>>Entry Name: 4-Chloro-6-methylpyrimidine

CAS Registry Number: 3435-25-4

Molecular Formula: $C_5H_5ClN_2$

Molecular Weight: 128.561

Accurate Mass: 128.014125

Percentage Composition: C 46.71%; H 3.92%; Cl 27.58%; N 21.79%

Melting Point: Mp 38-39.5° (34-36°)

Boiling Point: Bp₂₅ 65-70°

>>Derivative: 1-Oxide

CAS Registry Number: 52816-76-9

Molecular Formula: $C_5H_5ClN_2O$

Molecular Weight: 144.56

Accurate Mass: 144.00904

Percentage Composition: C 41.54%; H 3.49%; Cl 24.52%; N 19.38%; O 11.07%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 110°

References:

Marshall, J.R. *et al.*, *J.C.S.*, 1951, 1004, (*synth*)

Vanderhaeghe, H. *et al.*, *Bull. Soc. Chim. Belg.*, 1957, **66**, 276, (*synth*)

Peereboom, R. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1974, **93**, 58, (*synth, pmr, oxide*)

Busby, R.E. *et al.*, *J.C.S. Perkin I*, 1980, 1427, (*pmr*)