



>>Entry Name: 3,4-Dichloropyridine, 9CI

CAS Registry Number: 55934-00-4

Molecular Formula: C₅H₃Cl₂N

Molecular Weight: 147.991

Accurate Mass: 146.964253

Percentage Composition: C 40.58%; H 2.04%; Cl 47.91%; N 9.46%

Physical Description: Needles

Melting Point: Mp 22-23°

>>Derivative: N-Oxide

Molecular Formula: C₅H₃Cl₂NO

Molecular Weight: 163.99

Accurate Mass: 162.959168

Percentage Composition: C 36.62%; H 1.84%; Cl 43.24%; N 8.54%; O 9.76%

Melting Point: Mp 134.5-135°

>>Derivative: Picrate

Melting Point: Mp 123°

References:

Den Hertog, H.J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1955, **74**, 59-68, (*synth*)

Talik, Z. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1962, **36**, 417, (*synth*)

Giacobbe, T.J. *et al.*, *J. Het. Chem.*, 1974, **11**, 889, (*uv*)

Marzi, E. *et al.*, *Eur. J. Org. Chem.*, 2001, 1371-1376, (*synth, pmr, cmr*)