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>>Entry Name: 2-Chloro-4-methylpyridine, 9Cl

Synonym(s): 2-Chloro-4-picoline, 8Cl

CAS Registry Number: 3678-62-4

Molecular Formula: C<sub>6</sub>H<sub>6</sub>ClN

Molecular Weight: 127.573

Accurate Mass: 127.018876

Percentage Composition: C 56.49%; H 4.74%; Cl 27.79%; N 10.98%

Boiling Point: Bp<sub>30</sub> 97-99°

Density: d<sub>4</sub><sup>20</sup> 1.146

>>Derivative: Picrate

Melting Point: Mp 113-115°

>>Derivative: N-Oxide

CAS Registry Number: 52313-61-8

Molecular Formula: C<sub>6</sub>H<sub>6</sub>ClNO

Molecular Weight: 143.572

Accurate Mass: 143.013791

Percentage Composition: C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%

Melting Point: Mp 121-125°

#### References:

Seide, O., *Ber.*, 1924, **57**, 793, (*synth*)

Brown, E.V., *J.A.C.S.*, 1957, **79**, 3565

*East Ger. Pat.*, 1965, 29 611; *CA*, **63**, 14824h, (*synth*)

Bell, C.L. *et al.*, *J. Het. Chem.*, 1965, **2**, 420, (*pmr*)

Keller, G.H. *et al.*, *J. Het. Chem.*, 1968, **5**, 647, (*ms*)

Adger, B.M. *et al.*, *J.C.S. Perkin I*, 1988, 2791, (*synth, ir, pmr*)