



>>Entry Name: 4-(Chloromethyl)pyridine, 9Cl

Synonym(s): ω-Chloro-γ-picoline. 4-Picolyl chloride

CAS Registry Number: 10445-91-7

Molecular Formula: C₆H₆ClN

Molecular Weight: 127.573

Accurate Mass: 127.018876

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

Other Data: Highly unstable

>>Derivative: Hydrochloride

CAS Registry Number: 1822-51-1

Physical Description: Used in peptide synth.

Melting Point: Mp 165-166°

Aldrich: P4380-7

Fluka: 25264

>>Derivative: N-Oxide

CAS Registry Number: 20979-32-2

Molecular Formula: C₆H₆ClNO

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 98-100° (as hydrochloride)

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 263C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 748D, (*ir*)

Overhoff, J., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1936, **55**, 293, (*deriv*)

Foldi, Z., *Acta Chim. Acad. Sci. Hung.*, 1959, **19**, 205; *CA*, 205; **54**, 2326h, (*deriv*)

Schmid, E.D. *et al.*, *Spectrochim. Acta*, 1966, **22**, 1645, (*ir*)

Joekle, R. *et al.*, *Z. Naturforsch., A*, 1966, **11**, 1906, (*ir*)

Camble, R. *et al.*, *Nature (London)*, 1968, **217**, 247

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1974, **4**, 391, (*use*)