



>>Entry Name: 6-Chloro-2-pyridinecarboxylic acid, 9Cl

Synonym(s): 6-Chloropicolinic acid, 8Cl

CAS Registry Number: 4684-94-0

Structure by analogy with 2-Chloro-3-pyridinecarboxylic acid, FVV54-L

Molecular Formula: C₆H₄ClNO₂

Molecular Weight: 157.556

Accurate Mass: 156.993056

Percentage Composition: C 45.74%; H 2.56%; Cl 22.50%; N 8.89%; O 20.31%

Physical Description: Plates

Melting Point: Mp 190°

Solubility: Sol. EtOH, CHCl₃; spar. sol. Et₂O; insol. petrol

Hazard & Toxicity: LD₅₀ (rat, oral) 2180 mg/kg

Aldrich: 40543-4

Rare Chemicals Library: S94525-0

>>Derivative: Nitrile

Synonym(s): 2-Chloro-6-cyanopyridine

CAS Registry Number: 33252-29-8

Molecular Formula: C₆H₃ClN₂

Molecular Weight: 138.556

Accurate Mass: 137.998475

Percentage Composition: C 52.01%; H 2.18%; Cl 25.59%; N 20.22%

Physical Description: Cryst. by subl.

Melting Point: Mp 85-87°

References:

Fischer, E. *et al.*, *Ber.*, 1912, **45**, 2456-2467, (*synth*)

Moser, R.J. *et al.*, *Org. Mass Spectrom.*, 1970, **4**, 555-561, (*ms*)

Elman, B., *Tetrahedron*, 1985, **41**, 4941-4948, (*synth, nitrile*)

Radl, S. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 2000, **333**, 107-112, (*synth, pmr*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CKN375