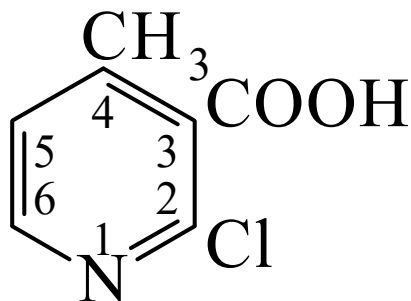




>>Entry Name: 2-Chloro-4-methyl-3-pyridinecarboxylic acid, 9Cl

Synonym(s): 2-Chloro-4-methylnicotinic acid



Related CAS Registry Numbers(s): 50840-02-3

Molecular Formula: C₇H₆ClNO₂

Molecular Weight: 171.583

Accurate Mass: 171.008706

Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%

>>Derivative: Et ester

Molecular Formula: C₉H₁₀ClNO₂

Molecular Weight: 199.636

Accurate Mass: 199.040006

Percentage Composition: C 54.15%; H 5.05%; Cl 17.76%; N 7.02%; O 16.03%

Boiling Point: Bp₁ 95-97°

>>Derivative: Chloride

CAS Registry Number: 50839-95-7

Molecular Formula: C₇H₅Cl₂NO

Molecular Weight: 190.028

Accurate Mass: 188.974818

Percentage Composition: C 44.24%; H 2.65%; Cl 37.31%; N 7.37%; O 8.42%

Physical Description: Liq.

Boiling Point: Bp₄₅ 110-115°

>>Derivative: Amide

Molecular Formula: C₇H₇ClN₂O

Molecular Weight: 170.598

Accurate Mass: 170.02469

Percentage Composition: C 49.28%; H 4.14%; Cl 20.78%; N 16.42%; O 9.38%

Melting Point: Mp 63-66°

>>Derivative: Nitrile

Synonym(s): 2-Chloro-3-cyano-4-methylpyridine

CAS Registry Number: 65169-38-2

Molecular Formula: C₇H₅ClN₂

Molecular Weight: 152.583

Accurate Mass: 152.014125

Percentage Composition: C 55.10%; H 3.30%; Cl 23.24%; N 18.36%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 105-108°

References:

Abramenko, P.I. *et al.*, *CA*, 1973, **80**, 14864y, (*chloride*)

Morisawa, Y. *et al.*, *J. Med. Chem.*, 1978, **21**, 194, (*nitrile*)