



>>Entry Name: 2-Chloro-6-methyl-3-pyridinecarboxylic acid, 9Cl

Synonym(s): 2-Chloro-6-methylnicotinic acid

CAS Registry Number: 30529-70-5

Related CAS Registry Numbers(s): 53277-47-7 54530-12-0 117222-10-3

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%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 149-150°

Aldrich: 35784-7

>>Derivative: Et ester

CAS Registry Number: 39073-14-8

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%

Physical Description: Needles

Melting Point: Mp 34°

Boiling Point: Subl._{0.3} 90-100°

>>Derivative: Amide

CAS Registry Number: 54957-84-5

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%

Physical Description: Solid

Melting Point: Mp 176-178°

References:

Morris, I.G. *et al.*, *J.C.S.*, 1963, 1841, (*synth, ir*)

Weglinski, Z. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1977, **51**, 2401, (*synth, ir*)

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

Zhang, T.Y. *et al.*, *Tetrahedron*, 1995, **51**, 13177, (*Et ester*)