



>>Entry Name: 5-Chloro-3-pyridinecarboxylic acid, 9Cl

Synonym(s): 5-Chloronicotinic acid, 8Cl

CAS Registry Number: 22620-27-5

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: Needles (H₂O)

Solubility: Sol. EtOH, Me₂CO, spar. sol. Et₂O, CHCl₃, C₆H₆

>>Derivative: Me ester

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%

Melting Point: Mp 88-89°

>>Derivative: Chloride

CAS Registry Number: 51269-81-9

Molecular Formula: C₆H₃Cl₂NO

Molecular Weight: 176.001

Accurate Mass: 174.959168

Percentage Composition: C 40.95%; H 1.72%; Cl 40.29%; N 7.96%; O 9.09%

Melting Point: Mp 53°

Boiling Point: Bp₁₂ 120°

References:

Meyer, H. *et al.*, *Ber.*, 1928, **61**, 2210

Graf, R. *et al.*, *J. Prakt. Chem.*, 1933, **138**, 244

Schultz, J. *et al.*, *J.O.C.*, 1946, **11**, 170