>>**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: $C_6H_4ClNO_2$
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 (H_2O)
Solubility: Sol. EtOH, Me_2CO, spar. sol. Et_2O, $CHCl_3$, C_6H_6

>>**Derivative:** Me ester

Molecular Formula: $C_7H_6ClNO_2$
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: $C_6H_3Cl_2NO$
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: Bp_{12} 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