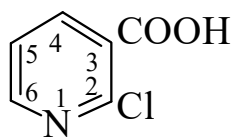




>>Entry Name: 2-Chloro-3-pyridinecarboxylic acid, 9Cl

Synonym(s): 2-Chloronicotinic acid, 8Cl



CAS Registry Number: 2942-59-8

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: Cryst. (H₂O)

Melting Point: Mp 190-191°

pKa Value: pK_{a1} 2.54

Aldrich: 15033-9

Fluka: 25341

Sigma: C7648

>>Derivative: Me ester

CAS Registry Number: 40134-18-7

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 23°

Boiling Point: Bp₃ 82°. Bp_{0.1} 65-70°

>>Derivative: Et ester

CAS Registry Number: 1452-94-4

Molecular Formula: C₈H₈ClNO₂

Molecular Weight: 185.609

Accurate Mass: 185.024356

Percentage Composition: C 51.77%; H 4.34%; Cl 19.10%; N 7.55%; O 17.24%

Boiling Point: Bp_{0.2} 110-115°

>>Derivative: Chloride

CAS Registry Number: 49609-84-9

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%

Physical Description: Tan solid

Melting Point: Mp 39-42°

Boiling Point: Bp₂ 98-100°

Aldrich: 45882-1

>>Derivative: Amide

CAS Registry Number: 10366-35-5

Molecular Formula: C₆H₅ClN₂O

Molecular Weight: 156.571

Accurate Mass: 156.00904

Percentage Composition: C 46.03%; H 3.22%; Cl 22.64%; N 17.89%; O 10.22%

Melting Point: Mp 164-167°

Aldrich: 19321-6