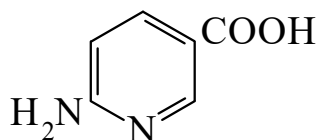




>>Entry Name: 6-Amino-3-pyridinecarboxylic acid, 9CI

Synonym(s): 6-Aminonicotinic acid



CAS Registry Number: 3167-49-5

Molecular Formula: C₆H₆N₂O₂

Molecular Weight: 138.126

Accurate Mass: 138.042928

Percentage Composition: C 52.17%; H 4.38%; N 20.28%; O 23.17%

Use/Importance: Has tuberculostatic props.

Physical Description: Cryst. + 2H₂O (AcOH aq.)

Melting Point: Mp 310-312 dec.°

Aldrich: 21687-9

Fluka: 8813

Sigma: A2766

>>Derivative: Hydrochloride

Melting Point: Mp 194-195°

>>Derivative: Et ester

CAS Registry Number: 39658-41-8

Molecular Formula: C₈H₁₀N₂O₂

Molecular Weight: 166.179

Accurate Mass: 166.074228

Percentage Composition: C 57.82%; H 6.07%; N 16.86%; O 19.26%

Melting Point: Mp 148°

>>Derivative: Amide

CAS Registry Number: 329-89-5

Molecular Formula: C₆H₇N₃O

Molecular Weight: 137.141

Accurate Mass: 137.058912

Percentage Composition: C 52.55%; H 5.14%; N 30.64%; O 11.67%

Use/Importance: Used as a 2% aq. soln. for gravimetric detn. of Fe

Physical Description: Cryst.

Melting Point: Mp 200°. Mp 239-240°

Hazard & Toxicity: LD₅₀ (rat, ipr) 11 mg/kg. Exp. reprod. and teratogenic effects

Aldrich: A6820-3

Fluka: 8820

Sigma: A0630

>>Derivative: Hydrazide

CAS Registry Number: 42596-56-5

Molecular Formula: C₆H₈N₄O

Molecular Weight: 152.155

Accurate Mass: 152.069811

Percentage Composition: C 47.36%; H 5.30%; N 36.82%; O 10.52%

Use/Importance: Tuberculostatic

Melting Point: Mp 220-221°

Hazard & Toxicity: Exp. teratogen