



>>Entry Name: 3-Amino-2-pyridinecarboxylic acid, 9CI

Synonym(s): 3-Aminopicolinic acid

CAS Registry Number: 1462-86-8

Molecular Formula: $C_6H_6N_2O_2$

Molecular Weight: 138.126

Accurate Mass: 138.042928

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

Physical Description: Cryst. + $\frac{1}{2}$ H₂O

Melting Point: Mp 210 dec.°

pKa Value: pK_{a1} 1.33; pK_{a2} 7.18

Other Data: Decarboxylates above Mp

>>Derivative: Et ester

CAS Registry Number: 27507-15-9

Molecular Formula: $C_8H_{10}N_2O_2$

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 131-133°

References:

Gorvin, J.H., *J.C.S.*, 1949, 3304

Nakadate, M. *et al.*, *Chem. Pharm. Bull.*, 1965, **13**, 113, (*synth*)