



>>Entry Name: 5-Amino-3-pyridinecarboxylic acid, 9CI

Synonym(s): 5-Aminonicotinic acid

CAS Registry Number: 24242-19-1

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. (H₂O)

Melting Point: Mp 288-290 dec., 295-296°

>>Derivative: Me ester

CAS Registry Number: 36052-25-2

Molecular Formula: $C_7H_8N_2O_2$

Molecular Weight: 152.152

Accurate Mass: 152.058578

Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 137°

References:

Graf, R., *J. Prakt. Chem.*, 1933, **138**, 247

Urban, R. *et al.*, *Helv. Chim. Acta*, 1964, **47**, 363

Jacobsen, P. *et al.*, *Acta Chem. Scand., Ser. B*, 1981, **35**, 289, (*synth, ir, pmr*)