



>>Entry Name: **6-Amino-4-methyl-3-pyridinecarboxylic acid**, 9CI
Synonym(s): 6-Amino-4-methylnicotinic acid

CAS Registry Number: 179555-11-4

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%

>>Derivative: Amide

CAS Registry Number: 65169-39-3

Molecular Formula: $C_7H_9N_3O$

Molecular Weight: 151.168

Accurate Mass: 151.074562

Percentage Composition: C 55.62%; H 6.00%; N 27.80%; O 10.58%

Physical Description: Cryst. (EtOH/hexane)

Melting Point: Mp 189-191° (dec.)

>>Derivative: Nitrile

Synonym(s): 2-Amino-5-cyano-4-methylpyridine

CAS Registry Number: 179555-10-3

Molecular Formula: $C_7H_7N_3$

Molecular Weight: 133.152

Accurate Mass: 133.063997

Percentage Composition: C 63.14%; H 5.30%; N 31.56%

Physical Description: Solid (toluene)

Melting Point: Mp 160.5-162.5°

References:

Morisawa, Y. *et al.*, *J. Med. Chem.*, 1978, **21**, 194, (amide)

Dunn, A.D. *et al.*, *J. Prakt. Chem.*, 1996, **338**, 663, (nitrile)