



>>Entry Name: **5-Amino-2-methylpyridine**

Synonym(s): 6-Methyl-3-pyridinamine, 9CI. 5-Amino- α -picoline

CAS Registry Number: 3430-14-6

Molecular Formula: C₆H₈N₂

Molecular Weight: 108.143

Accurate Mass: 108.068748

Percentage Composition: C 66.64%; H 7.46%; N 25.90%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 96°

Solubility: Spar. sol. H₂O

>>Derivative: *N*-Ac

CAS Registry Number: 29958-15-4

Molecular Formula: C₈H₁₀N₂O

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Physical Description: Cryst. (CHCl₃/petrol)

Melting Point: Mp 126°

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₃H₁₂N₂O

Molecular Weight: 212.251

Accurate Mass: 212.094963

Percentage Composition: C 73.57%; H 5.70%; N 13.20%; O 7.54%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 110-111°

References:

Graf, R., *J. Prakt. Chem.*, 1932, **133**, 19-35, (*synth*)

Van der Does, L. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1965, **84**, 951-964, (*synth*)

Sawanishi, H. *et al.*, *Chem. Pharm. Bull.*, 1987, **35**, 4101-4109, (*synth*, *pmr*)