



>>Entry Name: 5-Amino-3-hydroxypyridine

Synonym(s): 5-Amino-3-pyridinol, 9Cl. 5-Hydroxy-3-pyridinamine

CAS Registry Number: 3543-01-9

Molecular Formula: C₅H₆N₂O

Molecular Weight: 110.115

Accurate Mass: 110.048013

Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%

Physical Description: Needles (MeOH/C₆H₆)

Melting Point: Mp 116-117°

>>Derivative: Hydrobromide

Melting Point: Mp 120-125°

>>Derivative: Picrate

Physical Description: Yellow needles

Melting Point: Mp 225-227 dec.°

References:

Moore, J.A. *et al.*, *J.A.C.S.*, 1959, **81**, 6049, (*synth*)

Roelfsema, W.A., *CA*, 1977, **77**, 19492, (*synth*)

Tamura, Y. *et al.*, *Heterocycles*, 1981, **15**, 871, (*synth*)