



>>Entry Name: 2-Amino-4-hydroxypyridine

ENTRY UNDER REVIEW

Synonym(s): 2-Amino-4(1*H*)-pyridinone. 2-Amino-4-pyridinol

CAS Registry Number: 33623-18-6

Related CAS Registry Numbers(s): 33631-05-9

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: Cryst.

Melting Point: Mp 181.5-182.5°

>>Derivative: Picrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 224-227°

>>Variant: *OH*-form

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%

>>Derivative: Me ether

Synonym(s): 2-Amino-4-methoxypyridine

CAS Registry Number: 10201-73-7

Molecular Formula: C₆H₈N₂O

Molecular Weight: 124.142

Accurate Mass: 124.063663

Percentage Composition: C 58.05%; H 6.50%; N 22.57%; O 12.89%

Physical Description: Cryst. (petrol)

Melting Point: Mp 116-117°

References:

Barlin, G.B. *et al.*, *J.C.S.(B)*, 1971, 1425, (*synth*, *uv*)

Lombardino, J.G., *J. Med. Chem.*, 1981, **24**, 39, (*synth*)