



>>Entry Name: 3-(Aminomethyl)-4-methylpyridine

Synonym(s): 4-Methyl-2-pyridinemethanamine

CAS Registry Number: 1443-42-1

Molecular Formula: $C_7H_{10}N_2$

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Boiling Point: B_{p10} 116°. $B_{p0.12}$ 63°

>>Derivative: Picrate

CAS Registry Number: 26621-52-3

Melting Point: Mp 230°

>>Derivative: *N*-Ac

Molecular Formula: $C_9H_{12}N_2O$

Molecular Weight: 164.207

Accurate Mass: 164.094963

Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 81-82°

>>Derivative: *N*-Benzoyl

Molecular Formula: $C_{14}H_{14}N_2O$

Molecular Weight: 226.277

Accurate Mass: 226.110613

Percentage Composition: C 74.31%; H 6.24%; N 12.38%; O 7.07%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 111-112.5°

References:

Bobbitt, J.M. *et al.*, *J.O.C.*, 1964, **29**, 2298, (*synth*)