



>>Entry Name: **4-Acetyl-3-aminopyridine**

Synonym(s): 1-(3-Amino-4-pyridinyl)ethanone, 9CI. 3-Amino-4-pyridinyl methyl ketone

CAS Registry Number: 13210-52-1

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Yellow plates (petrol)

Melting Point: Mp 91-92° (87°)

>>Derivative: 2,4-Dinitrophenylhydrazone; hydrochloride

CAS Registry Number: 13210-54-3

Physical Description: Pale-yellow needles (AcOH)

Melting Point: Mp 287-288 dec.°

>>Derivative: Picrate

CAS Registry Number: 51460-35-6

Physical Description: Yellow leaflets (EtOH aq.)

Melting Point: Mp 189-191°

References:

Atkinson, C.M. *et al.*, *J.C.S.(C)*, 1966, 2053, (*synth*)

Edward, J.T. *et al.*, *J. Het. Chem.*, 1973, **10**, 1047, (*synth*)

Bakke, J.M. *et al.*, *J. Het. Chem.*, 2001, **38**, 99-104, (*synth, ir, pmr*)