



>>Entry Name: **3-Acetyl-2-methylpyridine**

Synonym(s): 1-(2-Methyl-3-pyridinyl)ethanone, 9CI. Methyl 2-methyl-3-pyridyl ketone, 8CI. 3-Acetyl-2-picoline

CAS Registry Number: 1721-12-6

Molecular Formula: C₈H₉NO

Molecular Weight: 135.165

Accurate Mass: 135.068414

Percentage Composition: C 71.09%; H 6.71%; N 10.36%; O 11.84%

Biological Source: Pheromone present in ferret (*Mustela putorius*) urine

Physical Description: Prisms

Melting Point: Mp 30-31°

Boiling Point: Bp₁₅ 99-100°

>>Derivative: Dipicrate

Physical Description: Needles (EtOH)

Melting Point: Mp 174-176°

References:

Baumgarten, P. *et al.*, *Ber., B*, 1939, **72**, 563, (*synth*)

Sanders, E.B. *et al.*, *J.O.C.*, 1978, **43**, 324, (*synth, pmr, ir*)