



>>Entry Name: 4-Acetylpyridine

Synonym(s): 1-(4-Pyridinyl)ethanone, 9CI. Methyl 4-pyridyl ketone. 4-Acetopyridine

CAS Registry Number: 1122-54-9

Molecular Formula: C₇H₇NO

Molecular Weight: 121.138

Accurate Mass: 121.052764

Percentage Composition: C 69.41%; H 5.82%; N 11.56%; O 13.21%

Use/Importance: Acetylcholine antagonist. Organoleptic.

Physical Description: Liq.

Boiling Point: Bp 212-214°

pKa Value: pK_a 3.51 (25°)

Hazard & Toxicity: LD₅₀ (mus, ipr) 1400 mg/kg

Aldrich: A2140-1

Fluka: 1450

Sigma: A7524

>>Derivative: Picrate

Physical Description: Leaflets

Melting Point: Mp 129-130°

>>Derivative: Oxime

CAS Registry Number: 1194-99-6

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%

Melting Point: Mp 142°

Rare Chemicals Library: S10147-8

>>Derivative: Phenylhydrazone

CAS Registry Number: 39585-84-7

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 150°