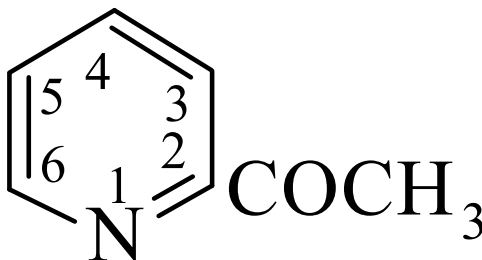




>>Entry Name: 2-Acetylpyridine

ENTRY UNDER REVIEW

Synonym(s): 1-(2-Pyridinyl)ethanone, 9CI. Methyl 2-pyridyl ketone. 2-Acetopyridine. FEMA 3251



CAS Registry Number: 1122-62-9

Molecular Formula: C_7H_7NO

Molecular Weight: 121.138

Accurate Mass: 121.052764

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

Source/Synthesis: Present in various cooked and treated food

Use/Importance: Organoleptic

Physical Description: Liq. with roasted odour

Boiling Point: Bp 192°

pKa Value: pK_a 2.64 (25°)

Refractive Index: n_D^{20} 1.5203

Other Data: Turns yellow in air

Aldrich: W32510-4

Fluka: 1430

Sigma: A9156

>>Derivative: Hydrochloride

Melting Point: Mp $183-185$ dec. $^{\circ}$

>>Derivative: Methiodide

Melting Point: Mp 161°

>>Derivative: Ethiodide

Melting Point: Mp 205°