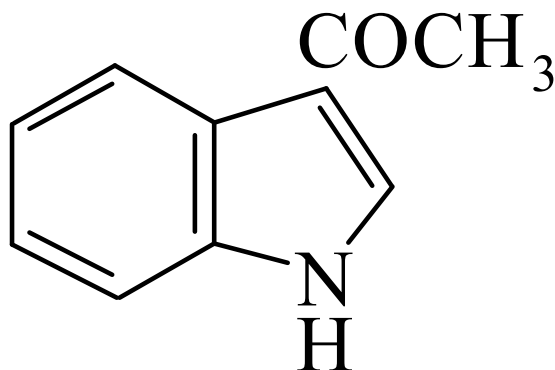




>>Entry Name: 3-Acetylidole

Synonym(s): 1-(1*H*-Indol-3-yl)ethanone, 9CI. 3-Indolyl methyl ketone



CAS Registry Number: 703-80-0

Related CAS Registry Numbers(s): 40747-12-4 40747-13-5

Molecular Formula: C₁₀H₉NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

Physical Description: Cryst. (cyclohexane/EtOH)

Melting Point: Mp 194°

Solubility: Spar. sol. H₂O

pKa Value: pK_a 12.99 (25°,NH)

Hazard & Toxicity: LD₅₀ (mus, ipr) 300 mg/kg

Aldrich: A1680-7

Fluka: 1220

Sigma: A9750

>>Derivative: Picrate

Physical Description: Yellow cryst. (petrol)

Melting Point: Mp 183°