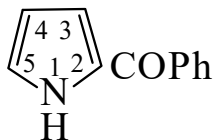




>>Entry Name: **2-Benzoylpyrrole**

Synonym(s): Phenyl-1*H*-pyrrol-2-ylmethanone, 9CI. Phenyl 2-pyrrolyl ketone, 8CI



CAS Registry Number: 7697-46-3

Molecular Formula: C₁₁H₉NO

Molecular Weight: 171.198

Accurate Mass: 171.068414

Percentage Composition: C 77.17%; H 5.30%; N 8.18%; O 9.35%

Physical Description: Needles, plates or prisms (H₂O, EtOH aq. or petrol)

Melting Point: Mp 79°

Boiling Point: Bp 305°. Bp_{0.1} 130°

Solubility: V. sol. EtOH, AcOH, C₆H₆; insol. H₂O

Other Data: Stable to boiling KOH

Hazard & Toxicity: LD₅₀ (rat, ipr) 750 mg/kg

Rare Chemicals Library: S83655-9

>>Derivative: Oxime

Molecular Formula: C₁₁H₁₀N₂O

Molecular Weight: 186.213

Accurate Mass: 186.079313

Percentage Composition: C 70.95%; H 5.41%; N 15.04%; O 8.59%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 147°

References:

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White, J. *et al.*, *J.O.C.*, 1977, **42**, 4248

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Wallace, D.M. *et al.*, *J.O.C.*, 1993, **58**, 7245, (*synth, pmr, ms*)