



>>Entry Name: 3-Benzoylpyrrole

Synonym(s): Phenyl-1*H*-pyrrol-3-ylmethanone, 9C1. Phenyl 3-pyrrolyl ketone, 8C1

CAS Registry Number: 7126-41-2

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: Cryst. (EtOH aq.)

Melting Point: Mp 96-97°

>>Derivative: *N*-(4-Methylbenzenesulfonyl)

Physical Description: Prisms (EtOAc)

Melting Point: Mp 112.5-113.5°

References:

Kahn, M.K.A. *et al.*, *Tetrahedron*, 1966, **22**, 2095

Anderson, H.J. *et al.*, *Can. J. Chem.*, 1985, **63**, 896, (*synth*)

Erickson, M.S. *et al.*, *Acta Cryst. C*, 1992, **48**, 202, (*cryst struct, N-tosyl*)