



>>Entry Name: 6-Acetylquinoline

Synonym(s): 1-(6-Quinolinyloxy)ethanone, 9CI. Methyl 6-quinolinyloxy ketone

CAS Registry Number: 73013-68-0

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)

Melting Point: Mp 75-76°

Boiling Point: Bp₂ 145°

>>Derivative: Oxime

CAS Registry Number: 30074-91-0

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%

Melting Point: Mp 169-170°

>>Derivative: Phenylhydrazone

Melting Point: Mp 157-159°

>>Derivative: Picrate

Melting Point: Mp 242°

References:

Waley, S.G., *J.C.S.*, 1948, 2008, (*synth*)

Pugin, A. *et al.*, *Helv. Chim. Acta*, 1952, **35**, 2322, (*synth*)

Haug, U. *et al.*, *Chem. Ber.*, 1960, **93**, 593, (*synth*)

Ferles, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1979, **44**, 2672, (*synth*)