



>>Entry Name: **8-Acetylquinoline**

Synonym(s): 1-(8-Quinolinyloxy)ethanone, 9CI. Methyl 8-quinolinyloxy ketone, 8CI

CAS Registry Number: 56234-20-9

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%

Melting Point: Mp 42.5-44°

Boiling Point: Bp₁₂ 176-180°

>>Derivative: Oxime

CAS Registry Number: 30197-64-9

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 144-145°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 253°

References:

Campbell, K.N. *et al.*, *J.A.C.S.*, 1946, **68**, 1844, (*synth*)

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