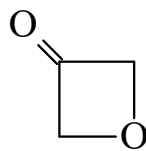




>>Entry Name: 3-Oxetanone, 9CI



CAS Registry Number: 6704-31-0

Molecular Formula: C₃H₄O₂

Molecular Weight: 72.063

Accurate Mass: 72.02113

Percentage Composition: C 50.00%; H 5.59%; O 44.40%

Physical Description: Liq.

Boiling Point: Bp 106°

Density: d₄²⁷ 1.137

Refractive Index: n_D²⁵ 1.4224

Other Data: Polym. occurs during storage at r.t.

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Pale orange needles

Melting Point: Mp 152-155°

References:

Marshall, J.R. *et al.*, *J.C.S.*, 1952, 467, (*synth*)

Wojtowicz, J.A. *et al.*, *J.O.C.*, 1973, **38**, 2061, (*synth, ir, pmr*)

Kozikowski, A.P. *et al.*, *Synlett*, 1991, 783, (*synth*)