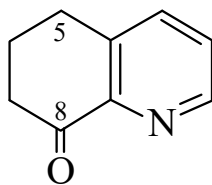




>>Entry Name: 6,7-Dihydro-8(5*H*)-quinolinone, 9CI

Synonym(s): 5,6,7,8-Tetrahydroquinol-8-one. 8-Oxo-5,6,7,8-tetrahydroquinoline



CAS Registry Number: 56826-69-8

Molecular Formula: C₉H₉NO

Molecular Weight: 147.176

Accurate Mass: 147.068414

Percentage Composition: C 73.45%; H 6.16%; N 9.52%; O 10.87%

Physical Description: Yellow cryst. (diisopropyl ether) or pearly tablets (Et₂O/Me₂CO)

Melting Point: Mp 102°

Boiling Point: Bp_{0.1} 140°

References:

Reimann, E. *et al.*, *Annalen*, 1976, 1351

Thummel, R.P. *et al.*, *J.O.C.*, 1984, **49**, 2208, (*synth*)

Epsztajn, J. *et al.*, *J.C.S. Perkin 1*, 1985, 213, (*synth, ir, pmr*)

Westerwelle, U. *et al.*, *Chem. Ber.*, 1991, **124**, 571, (*synth, pmr, cmr*)