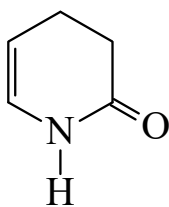




>>Entry Name: 3,4-Dihydro-2(1*H*)-pyridinone, 9CI



CAS Registry Number: 57147-25-8

Molecular Formula: C₅H₇NO

Molecular Weight: 97.116

Accurate Mass: 97.052764

Percentage Composition: C 61.84%; H 7.26%; N 14.42%; O 16.47%

Physical Description: Oil

Boiling Point: Bp_{0.00005} 55-70°

>>Derivative: 1-Benzyl

CAS Registry Number: 108046-33-9

Molecular Formula: C₁₂H₁₃NO

Molecular Weight: 187.241

Accurate Mass: 187.099714

Percentage Composition: C 76.98%; H 7.00%; N 7.48%; O 8.54%

Physical Description: Pale yellow oil

References:

Hubert, J.C. *et al.*, *Tetrahedron*, 1975, **31**, 1437, (*synth, ir, pmr, ms*)

Ojima, I. *et al.*, *J.O.C.*, 1991, **56**, 2024, (*synth, ir, pmr, cmr, ms*)