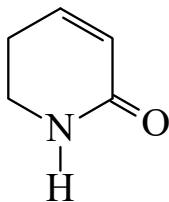




>>Entry Name: **5,6-Dihydro-2(1H)-pyridinone**

Synonym(s): 5,6-Dihydro-2(1H)-pyridone, 8Cl. 3,4-Dehydro-2-piperidone. 5-Amino-2-pentenoic acid γ -lactam. 5,6-Dihydropyridin-2-ol



CAS Registry Number: 6052-73-9

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%

Biological Source: Alkaloid from the leaves of *Boungosia pseudonitida*. Constit. of tobacco smoke

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 63-65°

References:

Schumacher, J.N. *et al.*, *J. Agric. Food Chem.*, 1977, **25**, 310, (*occur*)

Boll, P.M. *et al.*, *Tetrahedron*, 1984, **40**, 171, (*synth*)

Calle, A.A. *et al.*, *CA*, 1986, **104**, 126581, (*isol*)

Hua, D.H. *et al.*, *J.O.C.*, 1994, **59**, 5084, (*synth, pmr, cmr*)