



>>Entry Name: 6-Hydroxy-2-pyridinecarboxaldehyde

Synonym(s): 1,6-Dihydro-6-oxo-2-pyridinecarboxaldehyde. 6-Formyl-2(1*H*)-pyridinone

Molecular Formula: C₆H₅NO₂

Molecular Weight: 123.111

Accurate Mass: 123.032029

Percentage Composition: C 58.54%; H 4.09%; N 11.38%; O 25.99%

>>Derivative: Me ether

Synonym(s): 6-Methoxy-2-pyridinecarboxaldehyde

CAS Registry Number: 54221-96-4

Molecular Formula: C₇H₇NO₂

Molecular Weight: 137.138

Accurate Mass: 137.047679

Percentage Composition: C 61.31%; H 5.14%; N 10.21%; O 23.33%

Physical Description: Liq.

Boiling Point: Bp₂₀ 103-104°

>>Derivative: Me ether, 2,4-dinitrophenylhydrazone

Physical Description: Cryst.

Melting Point: Mp 216-219°

References:

Schultz, O. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1977, **310**, 128, (*synth, deriv*)

Comins, D.L. *et al.*, *J.O.C.*, 1990, **55**, 69, (*synth, ir, cmr, pmr*)