



>>Entry Name: 2-Hydroxy-5-pyridinecarboxaldehyde

Synonym(s): 1,6-Dihydro-6-oxo-3-pyridinecarboxaldehyde, 9CI. 5-Formyl-2(1*H*)-pyridinone

CAS Registry Number: 106984-91-2

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%

Physical Description: Cryst. (2-propanol/hexane)

Melting Point: Mp 207-211 dec.°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-5-pyridinecarboxaldehyde

CAS Registry Number: 65873-72-5

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: Light yellow solid (hexane)

Melting Point: Mp 50.5-51.5°

References:

Nagano, H. *et al.*, *Chem. Pharm. Bull.*, 1987, **35**, 4068, (*synth, ir, pmr, cmr*)

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