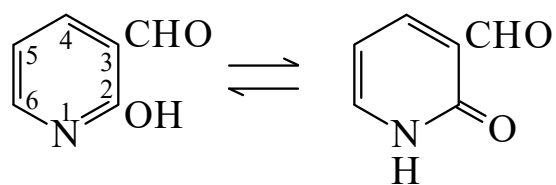




>>Entry Name: 2-Hydroxy-3-pyridinecarboxaldehyde

Synonym(s): 1,2-Dihydro-2-oxo-3-pyridinecarboxaldehyde, 9CI. 3-Formyl-2(1*H*)-pyridone. 2-Hydroxynicotinaldehyde, 8CI



CAS Registry Number: 36404-89-4

Related CAS Registry Numbers(s): 32768-36-8

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: Solid or needles (H₂O)

Melting Point: Mp 224°

>>Variant: *OH*-form

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): 2-Methoxy-3-pyridinecarboxaldehyde

CAS Registry Number: 71255-09-9

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: Oil

Boiling Point: Bp₁₆ 95°. Bp₃ 65°

References:

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Trécourt, F. *et al.*, *J.C.S. Perkin I*, 1990, 2409, (*synth*, *ir*, *pmr*)
Comins, D.L. *et al.*, *J.O.C.*, 1990, **55**, 69, (*synth*, *pmr*, *cmr*)
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