



Molecular Formula: C₅H₅NO₂

Molecular Weight: 111.1

Accurate Mass: 111.032029

Percentage Composition: C 54.05%; H 4.54%; N 12.61%; O 28.80%

>>**Derivative:** Di-Me ether

Synonym(s): 2,6-Dimethoxypyridine

CAS Registry Number: 6231-18-1

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.154

Accurate Mass: 139.063329

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Physical Description: Oil

pKa Value: pK_a 1.6 (H₂SO₄ aq.)

Aldrich: D13700-6

>>**Derivative:** Di-Et ether

Synonym(s): 2,6-Diethoxypyridine

CAS Registry Number: 13472-57-6

Molecular Formula: C₉H₁₃NO₂

Molecular Weight: 167.207

Accurate Mass: 167.094629

Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%

Melting Point: Mp 21.5°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 272A; 278B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 752A; 756A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1530D, (*ir*)

den Hertog, H.J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1950, **69**, 700, (*synth*)

Katritzky, A.R. *et al.*, *J.C.S.(B)*, 1966, 562, (*tautom, uv, ir*)

Spinner, E. *et al.*, *Aust. J. Chem.*, 1971, **24**, 2557, (*tautom, uv, pmr, ir*)

Kaneko, C. *et al.*, *Chem. Pharm. Bull.*, 1986, **34**, 3658, (*Me ether, synth*)

de Kowalewski, D.G. *et al.*, *J. Mol. Struct.*, 1989, **213**, 201, (*cmr*)