>>**Entry Name: 5-Hydroxy-2-methylpyridine**
Synonym(s): 3-Hydroxy-6-methylpyridine. 6-Methyl-3-pyridinol. 5-Hydroxy-2-picoline

CAS Registry Number: 1121-78-4

Molecular Formula: C_6H_7NO
Molecular Weight: 109.127
Accurate Mass: 109.052764
Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%
Physical Description: Cryst. (EtOH/Et_2O)
Melting Point: Mp 168-170°

Aldrich: 10726-3

>>**Derivative:** *O*-Benzenesulfonyl

Molecular Formula: $C_{12}H_{11}NO_3S$
Molecular Weight: 249.29
Accurate Mass: 249.045964
Percentage Composition: C 57.82%; H 4.45%; N 5.62%; O 19.25%; S 12.86%
Physical Description: Oil

>>**Derivative:** *O*-(4-Methylbenzenesulfonyl)

Melting Point: Mp 99-100°

>>**Derivative:** Me ether
Synonym(s): 5-Methoxy-2-methylpyridine

CAS Registry Number: 55270-47-8
Molecular Formula: C_7H_9NO
Molecular Weight: 123.154
Accurate Mass: 123.068414
Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%
Boiling Point: Bp 188-189°. Bp_1 43-45°

>>**Derivative:** Et ether
Synonym(s): 5-Ethoxy-2-methylpyridine

CAS Registry Number: 55270-48-9
Molecular Formula: $C_8H_{11}NO$
Molecular Weight: 137.181
Accurate Mass: 137.084064
Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%
Boiling Point: Bp_1 50-55°

References:
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 280B, *(nmr)*
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 757D, *(ir)*
Graf, R., *J. Prakt. Chem.*, 1932, **133**, 35
Aso, K., *CA*, 1940, **34**, 3273
Marion, L. *et al.*, *J.A.C.S.*, 1949, **71**, 3402
Clauson-Kaas, N. *et al.*, *Acta Chem. Scand.*, 1967, **21**, 1104, *(synth)*
De, A.U. *et al.*, *J. Pharm. Sci.*, 1975, **64**, 249, *(deriv)*
Myers, A.G. *et al.*, *J.O.C.*, 1996, **61**, 813, *(benzenesulfonyl)*