



>>Entry Name: 3-Hydroxy-4-methylpyridine

Synonym(s): 3-Hydroxy-4-picoline. 4-Methyl-3-pyridinol

CAS Registry Number: 1121-19-3

Molecular Formula: C₆H₇NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

Physical Description: Needles (C₆H₆)

Melting Point: Mp 120-121.2°

>>Derivative: Picrate

Melting Point: Mp 203-205°

>>Derivative: N-Oxide

CAS Registry Number: 32845-45-7

Molecular Formula: C₆H₇NO₂

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

Melting Point: Mp 188-193°

References:

Fr. Pat., 1930, 685 583; *CA*, **24**, 5766, (*synth*)

Ger. Pat., 1933, 563 373; *CA*, **27**, 1002, (*synth*)

Berson, J.A. *et al.*, *J.A.C.S.*, 1955, **77**, 1281-1283, (*synth*)

Bojarska-Dahlig, H., *Pol. J. Chem. (Rocz. Chem.)*, 1956, **30**, 475-482; *CA*, **51**, 14722, (*synth*)

O'Leary, M.H. *et al.*, *J. Med. Chem.*, 1971, **14**, 773, (*oxide*)

Comins, D.L. *et al.*, *J. Het. Chem.*, 1985, **22**, 1419-1420, (*synth, pmr*)