



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

Synonym(s): 3-Hydroxy-2-picoline. 2-Methyl-3-pyridinol

CAS Registry Number: 1121-25-1

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: Cryst. (Me₂CO)

Melting Point: Mp 169-170°

Aldrich: 26853-4

>>Derivative: Hydrochloride

Melting Point: Mp 225-227 (212°) dec.°

>>Derivative: Picrate

Physical Description: Yellow cryst.

Melting Point: Mp 204 (192°) dec.°

>>Derivative: Me ether

Synonym(s): 3-Methoxy-2-methylpyridine

CAS Registry Number: 26395-26-6

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Boiling Point: Bp₁₅ 84-86°

>>Derivative: Me ether, picrate

Physical Description: Yellow cryst.

Melting Point: Mp 167-168°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 276C, (*nmr*)

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

Ger. Pat., 1932, 541 681; *CA*, **26**, 2471, (*synth*)

Clauson-Kaas, N. *et al.*, *Acta Chem. Scand.*, 1955, **9**, 1-8, (*synth*)