



>>Entry Name: 2-Hydroxy-5-methyl-3-nitropyridine

Synonym(s): 5-Methyl-3-nitro-2(1H)-pyridinone, 9CI. 5-Methyl-3-nitro-2-pyridinol

CAS Registry Number: 7464-14-4

Molecular Formula: C₆H₆N₂O₃

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Physical Description: Solid (EtOH)

Melting Point: Mp 251-252 dec.°

pKa Value: pK_a -3.12 (20°, H₂O)

References:

Lappin, G.R. *et al.*, *J.A.C.S.*, 1950, **72**, 2806, (*synth*)

Childress, S.J. *et al.*, *J.A.C.S.*, 1951, **73**, 3504, (*synth*)

Brignell, P.G. *et al.*, *J.C.S.(B)*, 1968, 1477, (*synth, props*)

Talik, T. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1968, **42**, 167; *CA*, **70**, 96568k, (*synth*)