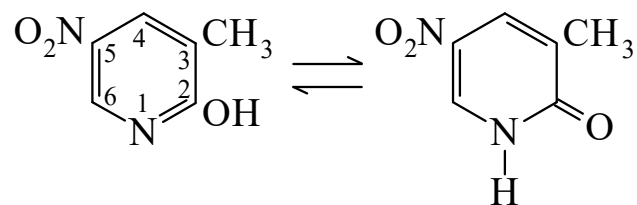




>>Entry Name: 2-Hydroxy-3-methyl-5-nitropyridine

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



CAS Registry Number: 21901-34-8

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: Green-yellow solid (H₂O)

Melting Point: Mp 228.5-229.5° (234-235°)

pKa Value: pK_a -2.8 (20°, H₂O)

References:

Hawkins, G.F. *et al.*, *J.O.C.*, 1949, **14**, 328, (*synth*)

Lappin, G.R. *et al.*, *J.A.C.S.*, 1950, **72**, 2806, (*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**, 1647; *CA*, **70**, 96568k, (*synth*)