



>>Entry Name: 3-Hydroxy-6-methyl-2-nitropyridine

Synonym(s): 6-Methyl-2-nitro-3-pyridinol, 9CI

CAS Registry Number: 15128-90-2

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%

Use/Importance: Shows herbicidal activity

Physical Description: Solid

Melting Point: Mp 103-105°

Aldrich: 23274-2

Rare Chemicals Library: S42730-6

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 778B, (ir)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 657D, (nmr)

Smirnov, L.D. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1967, 2752; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1967, 2621, (synth, pmr)

De Selms, R.C., *J.O.C.*, 1968, **33**, 478, (uv, pmr)

U.S. Pat., 1971, 3 630 714; *CA*, **76**, 8570b, (props)

U.S. Pat., 1977, 4 038 396; *CA*, **87**, 152185y, (synth)