>>**Entry Name: 2,6-Dihydroxy-3-nitropyridine**
Synonym(s): 6-Hydroxy-3-nitro-2(1*H*)-pyridone

CAS Registry Number: 16013-84-6
Structure by analogy with 2,4-Dihydroxy-3-nitropyridine, FWP21-C

Molecular Formula: $C_5H_4N_2O_4$
Molecular Weight: 156.098
Accurate Mass: 156.017108
Percentage Composition: C 38.47%; H 2.58%; N 17.95%; O 41.00%
Physical Description: Yellow cryst. (H_2O)
Melting Point: Mp 150 dec., 321° dec.°

>>**Derivative:** 6-Me ether
Synonym(s): 2-Hydroxy-6-methoxy-3-nitropyridine

CAS Registry Number: 26149-11-1
Molecular Formula: $C_6H_6N_2O_4$
Molecular Weight: 170.124
Accurate Mass: 170.032758
Percentage Composition: C 42.36%; H 3.55%; N 16.47%; O 37.62%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 172-173°

>>**Derivative:** 1-*N*-Me

CAS Registry Number: 26149-12-2
Molecular Formula: $C_6H_6N_2O_4$
Molecular Weight: 170.124
Accurate Mass: 170.032758
Percentage Composition: C 42.36%; H 3.55%; N 16.47%; O 37.62%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 160° (dec.)

References:

Titov, A.I.*, J. Gen. Chem. USSR (Engl. Transl.)*, 1938, **8**, 1483; *CA*, **33**, 4248
Katritzky, A.R. *et al.*, *J.C.S.(B)*, 1970, 114

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