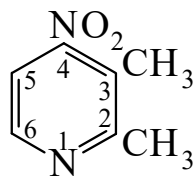




>>Entry Name: **2,3-Dimethyl-4-nitropyridine**

Synonym(s): 4-Nitro-2,3-lutidine



CAS Registry Number: 68707-69-7

Molecular Formula: $C_7H_8N_2O_2$

Molecular Weight: 152.152

Accurate Mass: 152.058578

Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%

Physical Description: Low-melting, unstable solid

>>Derivative: *N*-Oxide

CAS Registry Number: 37699-43-7

Molecular Formula: $C_7H_8N_2O_3$

Molecular Weight: 168.152

Accurate Mass: 168.053493

Percentage Composition: C 50.00%; H 4.80%; N 16.66%; O 28.54%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 91.5-93°

Rare Chemicals Library: S95463-2

References:

Evans, R.F. *et al.*, *J.C.S.*, 1961, 5556, (*synth, oxide*)

Wittek, P.J. *et al.*, *J.O.C.*, 1979, **44**, 870, (*synth, pmr*)

Tanga, M. *et al.*, *J. Het. Chem.*, 1997, **34**, 717-727, (*synth, pmr, cmr, uv, ms, oxide*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DSX800