



>>Entry Name: 1,2-Dimethyl-4-nitrobenzene, 9CI

Synonym(s): 4-Nitro-*o*-xylene, 8CI

CAS Registry Number: 99-51-4

Structure by analogy with 1,2-Dimethyl-3-nitrobenzene, [DVK05-Y](#)

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 30°

Boiling Point: Bp₇₄₈ 254°. Bp₁₀ 116°

Aldrich: N2860-4

Fluka: 40910

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 715A, (*nmr*)

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Crossley, A.W. *et al.*, *J.C.S.*, 1909, **95**, 202

Diepolder, E., *Ber.*, 1909, **42**, 2916

Birch, S.F. *et al.*, *J.A.C.S.*, 1949, **71**, 1362

Burgers, J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1958, **77**, 491