



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

Synonym(s): 2-Nitro-*p*-xylene, 8CI

CAS Registry Number: 89-58-7

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: Pale-yellow liq.

Boiling Point: Bp 234-237°. Bp_{0.35} 64-65°

Density: d¹⁵ 1.13

Hazard & Toxicity: Fl.p. 104°

Rare Chemicals Library: S38005-9

References:

Snyder, H.R. *et al.*, *J.A.C.S.*, 1948, **70**, 3787

Gintz, F.P. *et al.*, *J.C.S.*, 1958, 445

Anantakrishnan, S.V. *et al.*, *CA*, 1968, **69**, 14383, (*uv*)