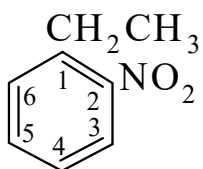




>>Entry Name: 1-Ethyl-2-nitrobenzene, 9CI, 8CI



CAS Registry Number: 612-22-6

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%

Melting Point: Fp -23° (-12.3°)

Boiling Point: Bp 227-228°

Density: d^{24.5} 1.126

Refractive Index: n_D²⁰ 1.5356

Fluka: 72640

Rare Chemicals Library: S43359-4

References:

Cline, E.L. *et al.*, *J.A.C.S.*, 1927, **49**, 3150, (*synth*)

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

Adv. Chem. Ser., 1955, **15**, 346, (*props*)

Conduit, C.P., *J.C.S.*, 1959, 3273, (*ir, uv*)

Shapiro, B.L. *et al.*, *J. Phys. Chem. Ref. Data*, 1977, **6**, 919, (*nmr*)

Uemura, S. *et al.*, *J.C.S. Perkin I*, 1978, 1076, (*synth*)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 5th edn., Van Nostrand Reinhold, 1979, 671