



>>Entry Name: **1,3-Dibromobenzene**

CAS Registry Number: 108-36-1

Molecular Formula: C₆H₄Br₂

Molecular Weight: 235.906

Accurate Mass: 233.907972

Percentage Composition: C 30.55%; H 1.71%; Br 67.74%

Physical Description: Cryst. (EtOH)

Melting Point: Mp -7°

Boiling Point: Bp 219.5°. Bp₅ 66-67°

Density: d₄²⁰ 1.95

Hazard & Toxicity: LD₅₀ (mus, orl) 2250 mg/kg

Aldrich: 19439-5

Fluka: 33980

Rare Chemicals Library: S56029-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 78B, (*nmr*)

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Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 900D, (*ir*)

Narbuth, J., *Ber.*, 1919, **52**, 1028

Wibaut, J.P. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1933, **52**, 794

Friedman, L. *et al.*, *Angew. Chem.*, 1965, **77**, 217, (*synth*)

Katritzky, A.R. *et al.*, *J.A.C.S.*, 1969, **91**, 628, (*ir*)

Tarpley, A.R. *et al.*, *J. Phys. Chem.*, 1972, **76**, 515, (*nmr*)