



>>Entry Name: 1,4-Dibromobenzene

CAS Registry Number: 106-37-6

Molecular Formula: C₆H₄Br₂

Molecular Weight: 235.906

Accurate Mass: 233.907972

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

Physical Description: Prisms or plates (EtOH or hexane)

Melting Point: Mp 86-87°

Boiling Point: Bp 218-219°

Density: d¹⁷ 2.26

Hazard & Toxicity: LD₅₀ (mus, orl) 3120 mg/kg

Aldrich: D3902-9

Fluka: 33990

Rare Chemicals Library: S44567-3

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 86B, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 988C, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 906D, (ir)

Blair, E.W. *et al.*, *J. Soc. Chem. Ind., London*, 1924, **43**, 2891

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

Varma, P.S. *et al.*, *CA*, 1954, **48**, 5128

Naito, T. *et al.*, *CA*, 1958, **52**, 6248, (synth)

Pajeau, R., *C. R. Hebd. Seances Acad. Sci.*, 1959, **84**, 205, (synth)

Tupitsin, I.F. *et al.*, *CA*, 1969, **71**, 96480, (ir)

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

Sax, N.I., *Dangerous Properties of Industrial Materials, 5th edn.*, Van Nostrand Reinhold, 1979, 549