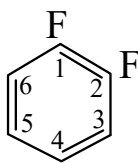




>>Entry Name: 1,2-Difluorobenzene, 9CI



CAS Registry Number: 367-11-3

Molecular Formula: C₆H₄F₂

Molecular Weight: 114.094

Accurate Mass: 114.028106

Percentage Composition: C 63.16%; H 3.53%; F 33.30%

Physical Description: Liq.

Melting Point: Mp -34°

Boiling Point: Bp₇₅₁ 91-92°

Density: d₄¹⁸ 1.16

Aldrich: 12615-2

Fluka: 36890

Sigma: D5003

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 976A-991, (*pmr*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 68A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 893B, (*ir*)

Schiemann, G. *et al.*, *Ber.*, 1929, **62**, 3035, (*synth*)

Vasek, A.H. *et al.*, *J. Fluorine Chem.*, 1973, **2**, 257, (*synth*)

Pottier, R. *et al.*, *Can. J. Spectrosc.*, 1976, **21**, 83, (*uv*)

Eaton, V.J. *et al.*, *Spectrochim. Acta A*, 1976, **32**, 663, (*Raman, ir*)

Bottoni, A. *et al.*, *Gazz. Chim. Ital.*, 1977, **107**, 249, (*struct*)

Shapiro, B.L. *et al.*, *J. Phys. Chem. Ref. Data*, 1977, **6**, 919-991, (*nmr*)

Jalonen, J. *et al.*, *J.C.S. Faraday I*, 1979, 2040, (*ms*)

Thalladi, V.R. *et al.*, *J.A.C.S.*, 1998, **120**, 8702-8710, (*cryst struct*)