



>>Entry Name: 1,3-Difluorobenzene, 9CI

CAS Registry Number: 372-18-9

Molecular Formula: C₆H₄F₂

Molecular Weight: 114.094

Accurate Mass: 114.028106

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

Melting Point: Mp -59°

Boiling Point: Bp 83°

Density: d₄¹⁸ 1.155

Hazard & Toxicity: Highly flammable, fl. p. <0°

Aldrich: D10200-8

Fluka: 36900

Sigma: D5128

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 76C, (nmr)

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

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

Carr, T.W., *J. Chromatogr. Sci.*, 1977, **15**, 85, (chromatog)

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

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

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, DKF800