



>>Entry Name: 2,4-Difluorophenol

CAS Registry Number: 367-27-1

Molecular Formula: C₆H₄F₂O

Molecular Weight: 130.094

Accurate Mass: 130.023021

Percentage Composition: C 55.40%; H 3.10%; F 29.21%; O 12.30%

Physical Description: Cryst.

Melting Point: Mp 22.4°

Boiling Point: Bp₅₀ 74°

Aldrich: 23326-9

>>Derivative: Me ether

Synonym(s): 2,4-Difluoro-1-methoxybenzene. 2,4-Difluoroanisole

CAS Registry Number: 452-10-8

Molecular Formula: C₇H₆F₂O

Molecular Weight: 144.121

Accurate Mass: 144.038671

Percentage Composition: C 58.34%; H 4.20%; F 26.36%; O 11.10%

Boiling Point: Bp₁₈ 53°

Refractive Index: n_D²⁰ 1.4720

Aldrich: 30107-8

Sigma: D5406

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 195C; 271B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1089B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 977C; 1023C, (*ir*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1959, **81**, 94, (*synth*)

Wray, V. *et al.*, *Org. Magn. Reson.*, 1977, **9**, 155, (*nmr*)