



>>Entry Name: 3,4-Difluorophenol

CAS Registry Number: 2713-33-9

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: Liq.

Boiling Point: Bp₂₀ 85°

Aldrich: 29040-8

Sigma: D9532

>>Derivative: Me ether

Synonym(s): 1,2-Difluoro-4-methoxybenzene. 3,4-Dimethoxyanisole

CAS Registry Number: 115144-40-6

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%

Refractive Index: n_D²⁰ 1.4690

Aldrich: 29147-1

Sigma: D9157

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 196A; 272A, (*nmr*)

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

Rao, R. *et al.*, *Spectrochim. Acta A*, 1989, **45**, 103, (*ir, uv*)