



>>Entry Name: 4-Fluoro-1,2-benzenediol, 9Cl

Synonym(s): 4-Fluoropyrocatechol, 8Cl. 4-Fluorocatechol

CAS Registry Number: 367-32-8

Structure by analogy with 2-Fluoro-1,3-benzenediol, [GNO95-W](#)

Molecular Formula: C₆H₅FO₂

Molecular Weight: 128.103

Accurate Mass: 128.027358

Percentage Composition: C 56.26%; H 3.93%; F 14.83%; O 24.98%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 90-91°

>>Derivative: Di-Me ether

Synonym(s): 4-Fluoro-1,2-dimethoxybenzene. 4-Fluoroveratrole

CAS Registry Number: 398-62-9

Molecular Formula: C₈H₉FO₂

Molecular Weight: 156.156

Accurate Mass: 156.058658

Percentage Composition: C 61.53%; H 5.81%; F 12.17%; O 20.49%

Physical Description: Liq.

Boiling Point: Bp₁₄ 98°

Aldrich: 30892-7

Sigma: F3264

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 198A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 978D, (*ir*)

Corse, J. *et al.*, *J.O.C.*, 1951, **16**, 1345, (*synth*)

Ahond, S.P. *et al.*, *J.O.C.*, 1975, **40**, 807, (*synth*)

Furlano, D.C. *et al.*, *J.O.C.*, 1986, **51**, 4073, (*synth*)

Kirk, K.L. *et al.*, *J.O.C.*, 1986, **51**, 4073, (*synth, deriv*)