



>>Entry Name: 4-Fluoro-1,3-benzenediol, 9Cl

Synonym(s): 4-Fluororesorcinol, 8Cl

CAS Registry Number: 103068-41-3

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. solid by subl.

Melting Point: Mp 94-96°

>>Derivative: Di-Me ether

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

CAS Registry Number: 17715-70-7

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: Bp 210°

References:

Durrani, A.A. *et al.*, *J.C.S. Perkin I*, 1980, 1658, (*synth, pmr*)

Bélanger, P.C. *et al.*, *Can. J. Chem.*, 1988, **16**, 1479, (*synth, pmr*)

Sun, W.-C. *et al.*, *J.O.C.*, 1997, **62**, 6469-6475, (*synth, di-Me ether, pmr, F-19 nmr*)