



>>Entry Name: 4-Fluoro-3-methylphenol

Synonym(s): 4-Fluoro-*m*-cresol, 8Cl. 2-Fluoro-5-hydroxytoluene

CAS Registry Number: 452-70-0

Structure by analogy with 2-Fluoro-3-methylphenol, [FPW29-W](#)

Molecular Formula: C₇H₇FO

Molecular Weight: 126.13

Accurate Mass: 126.048093

Percentage Composition: C 66.66%; H 5.59%; F 15.06%; O 12.68%

Melting Point: Mp 32°

Boiling Point: Bp₁₂ 98-99°. Bp₅ 76°

Aldrich: 33725-0

>>Derivative: Me ether

Synonym(s): 1-Fluoro-4-methoxy-3-methylbenzene, 9Cl. 4-Fluoro-3-methylanisole, 8Cl. 2-Fluoro-5-methoxytoluene

CAS Registry Number: 2338-54-7

Molecular Formula: C₈H₉FO

Molecular Weight: 140.157

Accurate Mass: 140.063743

Percentage Composition: C 68.56%; H 6.47%; F 13.56%; O 11.42%

Physical Description: Oil

Aldrich: 33724-2

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 195B; 268C, (*nmr*)

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

Misaki, S., *J. Fluorine Chem.*, 1981, **17**, 159, (*synth*)

Hartmann, R.W. *et al.*, *J. Med. Chem.*, 1984, **27**, 577, (*deriv*)