



>>Entry Name: 4-Fluoro-3-hydroxybenzoic acid, 9CI

CAS Registry Number: 51446-31-2

Structure by analogy with 2-Fluoro-3-hydroxybenzoic acid, [MJC04-Y](#)

Molecular Formula: $C_7H_5FO_3$

Molecular Weight: 156.113

Accurate Mass: 156.022273

Percentage Composition: C 53.86%; H 3.23%; F 12.17%; O 30.75%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 215.5-216.5°

>>Derivative: Me ether

Synonym(s): 4-Fluoro-3-methoxybenzoic acid

CAS Registry Number: 82846-18-2

Molecular Formula: $C_8H_7FO_3$

Molecular Weight: 170.14

Accurate Mass: 170.037923

Percentage Composition: C 56.48%; H 4.15%; F 11.17%; O 28.21%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 207° (189-190°)

References:

May, S.W. *et al.*, *Biochemistry*, 1978, **17**, 1853, (*synth*)

Claudi, F. *et al.*, *J. Med. Chem.*, 1990, **33**, 2408, (*synth, ir, pmr, deriv*)