



>>Entry Name: 4-Fluoro-2-hydroxybenzaldehyde

Synonym(s): 4-Fluorosalicylaldehyde

CAS Registry Number: 348-28-7

Structure by analogy with 2-Fluoro-3-hydroxybenzaldehyde, [FQJ55-V](#)

Molecular Formula: $C_7H_5FO_2$

Molecular Weight: 140.114

Accurate Mass: 140.027358

Percentage Composition: C 60.01%; H 3.60%; F 13.56%; O 22.84%

Physical Description: Needles (EtOH)

Melting Point: Mp 69°

>>Derivative: Me ether

Synonym(s): 4-Fluoro-2-methoxybenzaldehyde

CAS Registry Number: 450-83-9

Molecular Formula: $C_8H_7FO_2$

Molecular Weight: 154.141

Accurate Mass: 154.043008

Percentage Composition: C 62.34%; H 4.58%; F 12.33%; O 20.76%

Physical Description: Needles (petrol)

Melting Point: Mp 53°

References:

Hodgson, H.H. *et al.*, *J.C.S.*, 1929, 1632-1639, (*synth*)

Chakraborty, P.K. *et al.*, *Appl. Radiat. Isot.*, 1991, **42**, 673-681, (*synth*)

Aldred, R. *et al.*, *J.C.S. Perkin I*, 1994, 1823-1831, (*pmr*)