>>**Entry Name: 2-Fluoro-4,5-dihydroxybenzaldehyde,** 9Cl

**CAS Registry Number:** 71144-36-0
Structure by analogy with 2-Fluoro-3,4-dihydroxybenzaldehyde, DWQ01-F

**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%

>>**Derivative:** 4-Me ether
**Synonym(s):** 2-Fluoro-5-hydroxy-4-methoxybenzaldehyde. 6-Fluoroisovanillin

**CAS Registry Number:** 79418-76-1
**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%
**Melting Point:** Mp 133-136°

>>**Derivative:** 5-Me ether
**Synonym(s):** 2-Fluoro-4-hydroxy-5-methoxybenzaldehyde. 6-Fluorovanillin

**CAS Registry Number:** 79418-77-2
**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. (EtOAc/cyclohexane)
**Melting Point:** Mp 149-150°

>>**Derivative:** Di-Me ether
**Synonym(s):** 2-Fluoro-4,5-dimethoxybenzaldehyde

**CAS Registry Number:** 71924-62-4
**Molecular Formula:** $C_9H_9FO_3$
**Molecular Weight:** 184.167
**Accurate Mass:** 184.053573
**Percentage Composition:** C 58.70%; H 4.93%; F 10.32%; O 26.06%
**Melting Point:** Mp 94-96°

**References:**

Kirk, K.L. *et al.*, *J. Med. Chem.*, 1979, **22**, 1493-1497; 1981, **24**, 1395-1399, *(Me ethers, synth, pmr, chromatog)*
Kirk, K.L. *et al.*, *J.O.C.*, 1986, **51**, 4073-4075, *(di-Me ether, synth)*