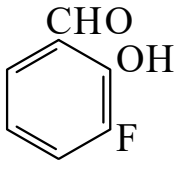
>>**Entry Name: 3-Fluoro-2-hydroxybenzaldehyde**
**Synonym(s):** 1-Fluoro-6-formylphenol. 3-Fluorosalicylaldehyde




**CAS Registry Number:** 394-50-3

**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%
**Melting Point:** Mp 68-70°

**Aldrich:** 31980-5

>>**Derivative:** Phenylhydrazone

**Physical Description:** Yellow plates (EtOH aq.)
**Melting Point:** Mp 156-157.5°

>>**Derivative:** 2,4-Dinitrophenylhydrazone

**Physical Description:** Orange needles (EtOH)
**Melting Point:** Mp 282-283°

>>**Derivative:** Me ether
**Synonym(s):** 3-Fluoro-2-methoxybenzaldehyde. 1-Fluoro-3-formyl-2-methoxybenzene. 3-Fluoro-*o*-anisaldehyde

**CAS Registry Number:** 74266-68-5
**Molecular Formula:** $C_8H_7FO_2$
**Molecular Weight:** 154.14
**Accurate Mass:** 154.043008
**Percentage Composition:** C 62.34%; H 4.58%; F 12.33%; O 20.76%
**Melting Point:** Mp 47-48°
**Boiling Point:** $Bp_{12}$ 82°

**References:**

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **3**, 1295A
Ferguson, L.N. *et al.*, *J.A.C.S.*, 1946, **68**, 2502-2504, *(synth)*
*U.S. Pat.*, 1978, 4 124 643; *CA*, **90**, 87041, *(synth)*
Aymes, D.J. *et al.*, *Bull. Soc. Chim. Fr.*, 1980, 175, *(synth)*
Ladd, D.L. *et al.*, *Synth. Commun.*, 1985, **15**, 61, *(deriv)*
Furlano, D.C. *et al.*, *J.O.C.*, 1988, **53**, 3145, *(deriv)*