>>**Entry Name: 2-Amino-5-fluorobenzoic acid**
**Synonym(s):** 5-Fluoroanthranilic acid

**CAS Registry Number:** 446-08-2

**Molecular Formula:** $C_7H_6FNO_2$
**Molecular Weight:** 155.128
**Accurate Mass:** 155.038257
**Percentage Composition:** C 54.20%; H 3.90%; F 12.25%; N 9.03%; O 20.63%
**Physical Description:** Needles ($H_2O$)
**Melting Point:** Mp 185° (182-183° dec.)

**Aldrich:** 36798-2
**Fluka:** 7973

>>**Derivative:** Me ester

**CAS Registry Number:** 319-24-4
**Molecular Formula:** $C_8H_8FNO_2$
**Molecular Weight:** 169.155
**Accurate Mass:** 169.053907
**Percentage Composition:** C 56.80%; H 4.77%; F 11.23%; N 8.28%; O 18.92%
**Physical Description:** Liq.
**Boiling Point:** $Bp_2$ 105°

>>**Derivative:** *N*-Ac

**Molecular Formula:** $C_9H_8FNO_3$
**Molecular Weight:** 197.165
**Accurate Mass:** 197.048822
**Percentage Composition:** C 54.83%; H 4.09%; F 9.64%; N 7.10%; O 24.34%
**Physical Description:** Cryst. (EtOH aq.)
**Melting Point:** Mp 180-181°

**References:**

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **2**, 1118C, *(nmr)*
Fosdick, L.S. *et al.*, *J.A.C.S.*, 1944, **66**, 1165, *(deriv)*
Castle, R.N. *et al.*, *J. Het. Chem.*, 1965, **2**, 459, *(synth, deriv)*
Rajšner, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1975, **40**, 719, *(synth, deriv)*