



>>Entry Name: 3-Amino-4-fluorobenzoic acid

CAS Registry Number: 2365-85-7

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 182-183°

>>Derivative: Me ester

CAS Registry Number: 369-26-6

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%

Melting Point: Mp 69-70°. Mp 123-126°

>>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: Needles (H_2O)

Melting Point: Mp 245-246°

References:

Dunker, M.F.W. *et al.*, *J.A.C.S.*, 1939, **61**, 3005, (*synth, deriv*)

Fosdick, L.S. *et al.*, *J.A.C.S.*, 1943, **65**, 2305, (*deriv*)

Soundararajan, N. *et al.*, *J.O.C.*, 1990, **55**, 2034, (*synth*)