



>>Entry Name: 2-Amino-4-fluorobenzoic acid

Synonym(s): 4-Fluoroanthranilic acid

CAS Registry Number: 446-32-2

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 195°

Aldrich: 37016-9

Fluka: 7972

>>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: Platelets (EtOH aq.)

Melting Point: Mp 209-209.5°

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 1118B, (*nmr*)

Steck, E.A. *et al.*, *J.A.C.S.*, 1948, **70**, 439, (*synth, deriv*)

Holt, S.J. *et al.*, *Proc. R. Soc. London, B*, 1958, **148**, 481, (*synth*)

Stiles, M. *et al.*, *J.A.C.S.*, 1963, **85**, 1792, (*synth*)