



>>Entry Name: 5-Fluoro-2-nitroaniline

Synonym(s): 5-Fluoro-2-nitrobenzenamine, 9CI

CAS Registry Number: 2369-11-1

Structure by analogy with 2-Fluoro-3-nitroaniline, [FFZ62-Y](#)

Molecular Formula: $C_6H_5FN_2O_2$

Molecular Weight: 156.116

Accurate Mass: 156.033506

Percentage Composition: C 46.16%; H 3.23%; F 12.17%; N 17.94%; O 20.50%

Physical Description: Yellow needles (H₂O)

Melting Point: Mp 97°

Rare Chemicals Library: S75536-2

>>Derivative: N-Ac

Synonym(s): 5-Fluoro-2-nitroacetanilide

CAS Registry Number: 345-14-2

Molecular Formula: $C_8H_7FN_2O_3$

Molecular Weight: 198.153

Accurate Mass: 198.044071

Percentage Composition: C 48.49%; H 3.56%; F 9.59%; N 14.14%; O 24.22%

Physical Description: Yellow needles

Melting Point: Mp 85°

References:

Hodgson, H.H. *et al.*, *J.C.S.*, 1941, 766, (*synth*)

Ishikawa, N. *et al.*, *Kogyo Kagaku Zasshi*, 1967, **70**, 1530, (*synth, nmr*)

Cazaux, L. *et al.*, *Can. J. Chem.*, 1993, **71**, 1236, (*N-Ac, synth, ir, pmr*)