



>>Entry Name: **2-Fluoro-6-nitroaniline**

Synonym(s): 2-Fluoro-6-nitrobenzenamine, 9CI

CAS Registry Number: 17809-36-8

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

Molecular Formula: C₆H₅FN₂O₂

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%

Melting Point: Mp 130.5-132°

>>Derivative: *N*-Ac

Synonym(s): 2-Fluoro-6-nitroacetanilide

CAS Registry Number: 342-52-9

Molecular Formula: C₈H₇FN₂O₃

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%

Melting Point: Mp 207.5-208°

References:

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

Kavalek, J. *et al.*, *CA*, 1969, **71**, 6091, (*synth*)