



>>Entry Name: 4-Fluoro-1,3-benzenediamine, 9CI

Synonym(s): 4-Fluoro-*m*-phenylenediamine, 8CI. 1,3-Diamino-4-fluorobenzene

CAS Registry Number: 6264-67-1

Structure by analogy with 2-Fluoro-1,3-benzenediamine, [HTR26-S](#)

Molecular Formula: C₆H₇FN₂

Molecular Weight: 126.133

Accurate Mass: 126.059326

Percentage Composition: C 57.13%; H 5.59%; F 15.06%; N 22.21%

Use/Importance: Polymer intermediate

Physical Description: Oil

Boiling Point: Bp_{22.5} 152-153° (lit. gives a pressure range)

References:

Sugawara, S. *et al.*, *CA*, 1970, **72**, 66514p, (*synth*)

Whang, W.T. *et al.*, *J. Polym. Sci., Polym. Symp.*, 1986, **74**, 109, (*synth*)