



>>Entry Name: (4-Fluorophenyl)hydrazine, 9CI

CAS Registry Number: 371-14-2

Structure by analogy with (2-Fluorophenyl)hydrazine, [DTP03-H](#)

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%

Physical Description: Needles (petrol)

Melting Point: Mp 39°

Boiling Point: Bp₂₁ 129°. Bp₃ 95-96°

>>Derivative: Hydrochloride

CAS Registry Number: 823-85-8

Melting Point: Mp 200 dec.°

Aldrich: F1420-3

Fluka: 47360

Sigma: F7627

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 558A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1261A, (*ir*)

Hunsberger, I.M. *et al.*, *J.O.C.*, 1956, **21**, 394, (*synth*)

Brown, F.C. *et al.*, *J.O.C.*, 1959, **24**, 1056, (*synth*)

Weigert, F.J. *et al.*, *J.O.C.*, 1976, **41**, 4006, (*nmr*)