



>>Entry Name: (3-Fluorophenyl)hydrazine, 9CI

CAS Registry Number: 658-27-5

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 28°

Boiling Point: Bp₂ 88°

>>Derivative: Hydrochloride

CAS Registry Number: 2924-16-5

Melting Point: Mp 247 dec.°

Aldrich: 15397-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 556B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1260B, (*ir*)

Suschitzky, H., *J.C.S.*, 1953, 3326, (*synth*)

Olah, G. *et al.*, *Acta Chim. Acad. Sci. Hung.*, 1955, **7**, 65; *CA*, **50**, 11261d

Taft, R.W. *et al.*, *J.A.C.S.*, 1963, **85**, 709, (*nmr*)