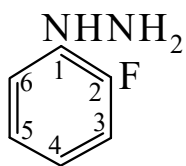




>>Entry Name: (2-Fluorophenyl)hydrazine, 9CI



CAS Registry Number: 2368-80-1

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 47°

Boiling Point: Bp₉ 95-96°

>>Derivative: Hydrochloride

CAS Registry Number: 2924-15-4

Physical Description: Needles

Melting Point: Mp 186 dec.°

Aldrich: 15342-7

>>Derivative: N'-Benzoyl

Molecular Formula: C₁₃H₁₁FN₂O

Molecular Weight: 230.241

Accurate Mass: 230.085541

Percentage Composition: C 67.82%; H 4.82%; F 8.25%; N 12.17%; O 6.95%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 151-152°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 555C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1258C, (*ir*)

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

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