



>>Entry Name: 2-(4-Fluorophenyl)ethylamine

Synonym(s): 4-Fluorobenzeneethanamine, 9CI. *p*-Fluorophenethylamine. β -Amino-4-fluoromethylbenzene

CAS Registry Number: 1583-88-6

Structure by analogy with 2-(2-Fluorophenyl)ethylamine, [FCX26-L](#)

Molecular Formula: C₈H₁₀FN

Molecular Weight: 139.172

Accurate Mass: 139.079727

Percentage Composition: C 69.04%; H 7.24%; F 13.65%; N 10.06%

Boiling Point: Bp₂₄ 99-100°

Density: d₂₀²⁰ 1.069

Refractive Index: n_D²⁰ 1.5080

Aldrich: 36182-8

>>Derivative: Hydrochloride

CAS Registry Number: 459-19-8

Melting Point: Mp 206-208 dec.°

Aldrich: 18039-4

Sigma: F0379

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 607B; 609A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1288A, (*ir*)

Suter, C.M. *et al.*, *J.A.C.S.*, 1941, **63**, 602, (*synth*)

Bergmann, E.D. *et al.*, *Tetrahedron*, 1976, **32**, 2847, (*synth, nmr*)