



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

Synonym(s): 4-Fluorobenzeneethanol, 9CI. *p*-Fluorophenethyl alcohol

CAS Registry Number: 7589-27-7

Structure by analogy with 2-(2-Fluorophenyl)ethanol, [JJK87-G](#)

Molecular Formula: C₈H₉FO

Molecular Weight: 140.157

Accurate Mass: 140.063743

Percentage Composition: C 68.56%; H 6.47%; F 13.56%; O 11.42%

Physical Description: Oil

Boiling Point: Bp₂₀ 110°

Density: d₄²⁰ 1.137

Refractive Index: n_D²⁰ 1.5081

Aldrich: 15417-2

Fluka: 47285

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 407B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1165C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1085A, (*ir*)

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

Weibel, P.A. *et al.*, *Helv. Chim. Acta*, 1973, **56**, 2460, (*synth, ms*)

Schaefer, T. *et al.*, *Can. J. Chem.*, 1985, **63**, 24, (*F-19 nmr*)