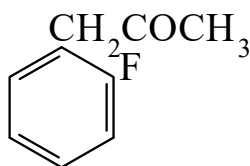




>>Entry Name: 1-(2-Fluorophenyl)-2-propanone, 9CI

Synonym(s): (*o*-Fluorophenyl)acetone. *o*-Fluorobenzyl methyl ketone



CAS Registry Number: 2836-82-0

Molecular Formula: C₉H₉FO

Molecular Weight: 152.168

Accurate Mass: 152.063743

Percentage Composition: C 71.04%; H 5.96%; F 12.49%; O 10.51%

Boiling Point: Bp₃ 83-85°

Refractive Index: n_D²⁰ 1.5018 n_D²⁵ 1.4974

Aldrich: 20874-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 792C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 4B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1224D, (*ir*)

Eckstein, Z. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1963, **37**, 907; *CA*, **60**, 8573c, (*synth*)

Binovic, K. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1968, **3**, 313; *CA*, **70**, 87171y, (*synth*)