



>>Entry Name: 3-(4-Fluorophenyl)propanoic acid

Synonym(s): 4-Fluorobenzenepropanoic acid, 9CI. *p*-Fluorohydrocinnamic acid, 8CI

CAS Registry Number: 459-31-4

Structure by analogy with 3-(2-Fluorophenyl)propanoic acid, [FGG17-E](#)

Molecular Formula: C₉H₉FO₂

Molecular Weight: 168.167

Accurate Mass: 168.058658

Percentage Composition: C 64.28%; H 5.39%; F 11.30%; O 19.03%

Melting Point: Mp 91°

References:

Kindler, K. *et al.*, *Ber.*, 1941, **74**, 315, (*synth*)

Olivier, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1973, **11**, 3092