



>>Entry Name: 3-(3-Fluorophenyl)-2-propenoic acid, 9CI

Synonym(s): *m*-Fluorocinnamic acid

CAS Registry Number: 458-46-8

Related CAS Registry Numbers(s): 20595-30-6

Structure by analogy with 3-(2-Fluorophenyl)-2-propenoic acid, [DTM91-R](#)

Molecular Formula: C₉H₇FO₂

Molecular Weight: 166.151

Accurate Mass: 166.043008

Percentage Composition: C 65.06%; H 4.25%; F 11.43%; O 19.26%

Melting Point: Mp 166.5°

References:

Schiemann, G., *Ber.*, 1932, **65**, 1435

Japan. Pat., 1975, 75 70 589; *CA*, **84**, 72652

U.S. Pat., 1975, 3 931 168; *CA*, **84**, 105598, (*synth*)