



>>Entry Name: 5-Fluoro-2-(trifluoromethyl)benzoic acid

Synonym(s): $\alpha,\alpha,\alpha,5$ -Tetrafluoro-2-toluic acid

CAS Registry Number: 654-99-9

Structure by analogy with 2-Fluoro-3-(trifluoromethyl)benzoic acid, [KNS71-Y](#)

Molecular Formula: $C_8H_4F_4O_2$

Molecular Weight: 208.112

Accurate Mass: 208.014742

Percentage Composition: C 46.17%; H 1.94%; F 36.52%; O 15.38%

Physical Description: Cryst. (petrol)

Melting Point: Mp 74-75°

Aldrich: 45533-4

References:

Yagupol'skii, L.M. *et al.*, *Zh. Obshch. Khim.*, 1963, **33**, 2358; *J. Gen. Chem. USSR (Engl. Transl.)*, 1963, **33**, 2297, (*synth*)