



>>Entry Name: 4-Amino-2,3,5,6-tetrafluorobenzoic acid, 9CI

CAS Registry Number: 944-43-4

Molecular Formula: $C_7H_3F_4NO_2$

Molecular Weight: 209.1

Accurate Mass: 209.009991

Percentage Composition: C 40.21%; H 1.45%; F 36.34%; N 6.70%; O 15.30%

Physical Description: Needles (C_6H_6)

Melting Point: Mp 185-187°

Aldrich: 24793-6

>>Derivative: Et ester

Molecular Formula: $C_9H_7F_4NO_2$

Molecular Weight: 237.153

Accurate Mass: 237.041291

Percentage Composition: C 45.58%; H 2.97%; F 32.04%; N 5.91%; O 13.49%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 80.5-81.5°

>>Derivative: Amide

CAS Registry Number: 1548-74-9

Molecular Formula: $C_7H_4F_4N_2O$

Molecular Weight: 208.115

Accurate Mass: 208.025975

Percentage Composition: C 40.40%; H 1.94%; F 36.52%; N 13.46%; O 7.69%

Melting Point: Mp 185-186°

Aldrich: 10061-7

>>Derivative: Nitrile

Synonym(s): 4-Cyano-2,3,5,6-tetrafluoroaniline

CAS Registry Number: 17823-38-0

Molecular Formula: $C_7H_2F_4N_2$

Molecular Weight: 190.1

Accurate Mass: 190.01541

Percentage Composition: C 44.23%; H 1.06%; F 39.98%; N 14.74%

Melting Point: Mp 96-98°

Aldrich: 24794-4

References:

Yakobson, G.G. *et al.*, *Zh. Obshch. Khim.*, 1964, **34**, 2953; *J. Gen. Chem. USSR (Engl. Transl.)*, 1964, **34**, 2987