>>**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