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>>Entry Name: 3-Amino-2,6-difluorobenzoic acid

CAS Registry Number: 83141-11-1

Molecular Formula:  $C_7H_5F_2NO_2$

Molecular Weight: 173.119

Accurate Mass: 173.028835

Percentage Composition: C 48.57%; H 2.91%; F 21.95%; N 8.09%; O 18.48%

>>Derivative: Me ester

CAS Registry Number: 84832-02-0

Molecular Formula:  $C_8H_7F_2NO_2$

Molecular Weight: 187.146

Accurate Mass: 187.044485

Percentage Composition: C 51.34%; H 3.77%; F 20.30%; N 7.48%; O 17.10%

Physical Description: Oil

>>Derivative: Nitrile

Synonym(s): 3-Cyano-2,4-difluoroaniline

CAS Registry Number: 143879-78-1

Molecular Formula:  $C_7H_4F_2N_2$

Molecular Weight: 154.119

Accurate Mass: 154.034254

Percentage Composition: C 54.55%; H 2.62%; F 24.65%; N 18.18%

Physical Description: Off-white solid

Melting Point: Mp 103-104°

#### References:

Tani, J. *et al.*, *Chem. Pharm. Bull.*, 1982, **30**, 3530, (*synth, pmr*)

Soundararajan, N. *et al.*, *J.O.C.*, 1990, **55**, 2034, (*synth, pmr, F-19 nmr, ms*)

Tomazic, A. *et al.*, *J. Het. Chem.*, 1992, **29**, 915, (*nitrile, synth, pmr, F-19 nmr*)