>>**Entry Name: 3,5-Diaminobenzoic acid,** 9CI

CAS Registry Number: 535-87-5

Molecular Formula: $C_7H_8N_2O_2$
Molecular Weight: 152.152
Accurate Mass: 152.058578
Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%
Use/Importance: Used in the fluorimetric determination of DNA. Monomer in the manuf. of polyamides used as reverse osmosis membranes
Physical Description: Needles
Melting Point: Mp 228° (slow heat). Mp 240° (rapid heat)
Solubility: Sl. sol. H_2O; sol. oxygenated solvs.
pKa Value: pK_a 5.3 (25°)
Other Data: Forms a monohydrate

Aldrich: D1280-5
Fluka: 32770
Sigma: D8251

>>**Derivative:** Hydrochloride (1:2)

CAS Registry Number: 618-56-4
Melting Point: Mp 300°

Aldrich: 11383-2
Fluka: 32780
Sigma: D1891

>>**Derivative:** Et ester

CAS Registry Number: 1949-51-5
Molecular Formula: $C_9H_{12}N_2O_2$
Molecular Weight: 180.206
Accurate Mass: 180.089878
Percentage Composition: C 59.99%; H 6.71%; N 15.55%; O 17.76%
Melting Point: Mp 84°

References:

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