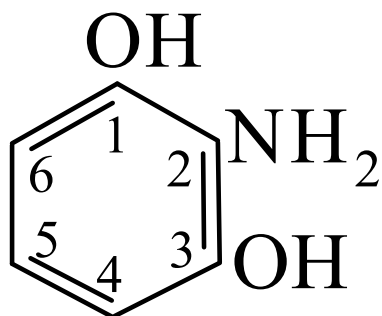




>>Entry Name: 2-Amino-1,3-benzenediol, 9CI

Synonym(s): 2-Aminoresorcinol, 8CI. 2,6-Dihydroxyaniline



CAS Registry Number: 3163-15-3

Molecular Formula: $C_6H_7NO_2$

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

Use/Importance: Used in hair dyes

Physical Description: Brown solid

pKa Value: pK_{a1} 8.09; pK_{a2} 9.35; pK_{a3} 11.58 (20°) pK_{a1} 5.1; pK_{a2} 9.3; pK_{a3} 11.6 (23°)

Hazard & Toxicity: Nephrotoxic

>>Derivative: Hydrochloride

CAS Registry Number: 634-60-6

Melting Point: Mp 240 dec.°

>>Derivative: *O,O,N*-Tri-Ac

Molecular Formula: $C_{12}H_{13}NO_5$

Molecular Weight: 251.238

Accurate Mass: 251.079374

Percentage Composition: C 57.37%; H 5.22%; N 5.58%; O 31.84%

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 164-165°