



>>Entry Name: **4-Amino-1,3-benzenediol**, 9CI
Synonym(s): 4-Aminoresorcinol, 8CI. 2,4-Dihydroxyaniline

CAS Registry Number: 13066-95-0
Related CAS Registry Numbers(s): 37966-57-7

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
pKa Value: pK_{a1} 7.91; pK_{a2} 9.16; pK_{a3} 11.24 (20°)
Other Data: Unstable

>>Derivative: Hydrochloride

CAS Registry Number: 34781-86-7
Physical Description: Cryst. + 2H₂O
Aldrich: 16317-1

>>Derivative: *N*-Ac

CAS Registry Number: 71516-07-9
Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%
Melting Point: Mp 164-165°

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

CAS Registry Number: 71516-10-4
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%
Melting Point: Mp 114°