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

**CAS Registry Number:** 13047-04-6

**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%
**Biological Use/Importance:** Sympathomimetic in animals
**pKa Value:** p$K_{a1}$ 8.12; p$K_{a2}$ 10.65; p$K_{a3}$ 12.11 (20°)
**Other Data:** Apparently unstable
**Hazard & Toxicity:** Nephrotoxic

>>**Derivative:** Hydrochloride

**CAS Registry Number:** 4956-56-3
**Melting Point:** Mp 224-227°

>>**Derivative:** 2-Benzenesulfonyl

**CAS Registry Number:** 36383-38-7
**Physical Description:** Flakes ($C_6H_6$)
**Melting Point:** Mp 140-141°

>>**Derivative:** 1-Ac, 2-benzenesulfonyl

**CAS Registry Number:** 36383-41-2
**Physical Description:** Prisms (MeOH)
**Melting Point:** Mp 135-136°

>>**Derivative:** 1-Me ether
**Synonym(s):** 5-Amino-2-methoxyphenol, 9CI. 5-Aminoguaiacol. 4-Aminoguaiacol

**CAS Registry Number:** 1687-53-2
**Molecular Formula:** $C_7H_9NO_2$
**Molecular Weight:** 139.154
**Accurate Mass:** 139.063329
**Percentage Composition:** C 60.42%; H 6.52%; N 10.07%; O 23.00%
**Physical Description:** Grey cryst. ($C_6H_6$)
**Melting Point:** Mp 131-133° (125-127°)
**Aldrich:** 26211-0