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>>Entry Name: **4-Amino-3-methylphenol**, 9CI  
Synonym(s): 4-Amino-*m*-cresol. 4-Hydroxy-*o*-toluidine

CAS Registry Number: 2835-99-6

**Molecular Formula:** C<sub>7</sub>H<sub>9</sub>NO  
**Molecular Weight:** 123.154  
**Accurate Mass:** 123.068414  
**Percentage Composition:** C 68.27%; H 7.37%; N 11.37%; O 12.99%  
**Physical Description:** Prisms (EtOH aq.)  
**Melting Point:** Mp 179°  
**Hazard & Toxicity:** LD<sub>50</sub> (mus, ipr) 200 mg/kg

**Aldrich:** 14489-4  
**Fluka:** 8329

>>Derivative: Hydrochloride

**Physical Description:** Needles (conc. HCl)  
**Melting Point:** Mp 215°

>>Derivative: *N*-Ac

**CAS Registry Number:** 39495-15-3  
**Molecular Formula:** C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
**Molecular Weight:** 165.191  
**Accurate Mass:** 165.078979  
**Percentage Composition:** C 65.44%; H 6.71%; N 8.48%; O 19.37%  
**Physical Description:** Needles (H<sub>2</sub>O)  
**Melting Point:** Mp 130°

>>Derivative: *O*-Benzoyl

**Molecular Formula:** C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>  
**Molecular Weight:** 227.262  
**Accurate Mass:** 227.094629  
**Percentage Composition:** C 73.99%; H 5.77%; N 6.16%; O 14.08%  
**Physical Description:** Needles (petrol)  
**Melting Point:** Mp 92°  
**Boiling Point:** Bp<sub>12</sub> 220°