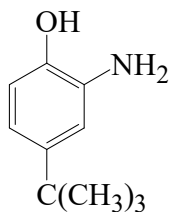




**>>Entry Name: 2-Amino-4-*tert*-butylphenol**

**Synonym(s):** 5-(1,1-Dimethylethyl)-2-hydroxybenzeneamine, 9Cl. 5-*tert*-Butyl-2-hydroxyaniline



**CAS Registry Number:** 1199-46-8

**Molecular Formula:** C<sub>10</sub>H<sub>15</sub>NO

**Molecular Weight:** 165.235

**Accurate Mass:** 165.115364

**Percentage Composition:** C 72.69%; H 9.15%; N 8.48%; O 9.68%

**Physical Description:** Leaflets (cyclohexane)

**Melting Point:** Mp 158-159°

**>>Derivative: N-Ac**

**Molecular Formula:** C<sub>12</sub>H<sub>17</sub>NO<sub>2</sub>

**Molecular Weight:** 207.272

**Accurate Mass:** 207.125929

**Percentage Composition:** C 69.54%; H 8.27%; N 6.76%; O 15.44%

**Physical Description:** Cryst.

**Melting Point:** Mp 135°

**>>Derivative: Me ether**

**Synonym(s):** 5-*tert*-Butyl-2-methoxyaniline

**Molecular Formula:** C<sub>11</sub>H<sub>17</sub>NO

**Molecular Weight:** 179.261

**Accurate Mass:** 179.131014

**Percentage Composition:** C 73.70%; H 9.56%; N 7.81%; O 8.93%

**Melting Point:** Mp 28°

**Boiling Point:** Bp<sub>7</sub> 122-126°

**Refractive Index:** n<sub>D</sub><sup>15</sup> 1.5400

**References:**