



**Melting Point:** Mp 113.5-115°

>>**Derivative:** Pentyl ether

**Synonym(s):** 4-Pentyloxyaniline

**CAS Registry Number:** 39905-50-5

**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%

**Boiling Point:** Bp<sub>24</sub> 180°

**Density:** d 0.97

**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.5320

>>**Derivative:** Hexyl ether

**Synonym(s):** 4-Hexyloxyaniline

**CAS Registry Number:** 39905-57-2

**Molecular Formula:** C<sub>12</sub>H<sub>19</sub>NO

**Molecular Weight:** 193.288

**Accurate Mass:** 193.146664

**Percentage Composition:** C 74.57%; H 9.91%; N 7.25%; O 8.28%

**Melting Point:** Mp 43-45°

**Boiling Point:** Bp<sub>5</sub> 155-158°

**Aldrich:** 22210-0

**Other:** Oakwood 1769

>>**Derivative:** Heptyl ether

**CAS Registry Number:** 39905-44-7

**Molecular Formula:** C<sub>13</sub>H<sub>21</sub>NO

**Molecular Weight:** 207.315

**Accurate Mass:** 207.162314

**Percentage Composition:** C 75.32%; H 10.21%; N 6.76%; O 7.72%

**Boiling Point:** Bp<sub>0.5</sub> 145-147°

**Other:** Oakwood 3538

>>**Derivative:** Nonyl ether

**CAS Registry Number:** 50262-67-4

**Molecular Formula:** C<sub>15</sub>H<sub>25</sub>NO

**Molecular Weight:** 235.369

**Accurate Mass:** 235.193614

**Percentage Composition:** C 76.55%; H 10.71%; N 5.95%; O 6.80%

**Boiling Point:** Bp<sub>2</sub> 176-179°

**Other:** Oakwood 2981

>>**Derivative:** Benzyl ether

**Synonym(s):** 4-(Phenylmethoxy)benzenamine, 9CI. 4-Benzyloxyaniline

**CAS Registry Number:** 6373-46-2

**Molecular Formula:** C<sub>13</sub>H<sub>13</sub>NO

**Molecular Weight:** 199.252

**Accurate Mass:** 199.099714

**Percentage Composition:** C 78.36%; H 6.58%; N 7.03%; O 8.03%

**Physical Description:** Plates (hexane)

**Melting Point:** Mp 56°

**Boiling Point:** Bp<sub>0.1</sub> 141-142°

**Other:** PB B08520

>>**Derivative:** Benzyl ether; hydrochloride

**CAS Registry Number:** 51388-20-6

**Melting Point:** Mp 228 dec.°

**Hazard & Toxicity:** Irritant

**Aldrich:** 11663-7

**Fluka:** 13621

**Sigma:** B1008