



**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

>>Derivative: Ph ether  
see 4-Aminodiphenyl ether, [FDF80-S](#)