



**Melting Point:** Mp 121-123°

>>**Derivative:** Hexadecyl ester

**CAS Registry Number:** 67845-93-6

**Molecular Formula:** C<sub>31</sub>H<sub>54</sub>O<sub>3</sub>

**Molecular Weight:** 474.766

**Accurate Mass:** 474.407295

**Percentage Composition:** C 78.43%; H 11.46%; O 10.11%

**Use/Importance:** Light stabiliser for polymers

**Aldrich:** 41320-8

>>**Derivative:** Ph ester

**CAS Registry Number:** 4221-74-3

**Molecular Formula:** C<sub>21</sub>H<sub>26</sub>O<sub>3</sub>

**Molecular Weight:** 326.435

**Accurate Mass:** 326.188195

**Percentage Composition:** C 77.27%; H 8.03%; O 14.70%

**Physical Description:** Cryst. (MeOH)

**Melting Point:** Mp 132°

>>**Derivative:** 2,4-Di-*tert*-butylphenyl ester

**CAS Registry Number:** 4221-80-1

**Molecular Formula:** C<sub>29</sub>H<sub>42</sub>O<sub>3</sub>

**Molecular Weight:** 438.649

**Accurate Mass:** 438.313395

**Percentage Composition:** C 79.41%; H 9.65%; O 10.94%

**Use/Importance:** Light stabiliser for polymers

>>**Derivative:** Chloride

**CAS Registry Number:** 40056-43-7

**Molecular Formula:** C<sub>15</sub>H<sub>21</sub>ClO<sub>2</sub>

**Molecular Weight:** 268.782

**Accurate Mass:** 268.123007

**Percentage Composition:** C 67.03%; H 7.87%; Cl 13.19%; O 11.91%

**Physical Description:** Cryst.

**Melting Point:** Mp 96°

>>**Derivative:** Amide

**CAS Registry Number:** 60632-18-0

**Molecular Formula:** C<sub>15</sub>H<sub>23</sub>NO<sub>2</sub>

**Molecular Weight:** 249.352

**Accurate Mass:** 249.172879

**Percentage Composition:** C 72.25%; H 9.30%; N 5.62%; O 12.83%

**Physical Description:** Cryst. (EtOH aq.)

**Melting Point:** Mp 264-266°

>>**Derivative:** Hydrazide

**CAS Registry Number:** 2325-01-1

**Molecular Formula:** C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 264.367

**Accurate Mass:** 264.183778

**Percentage Composition:** C 68.15%; H 9.15%; N 10.60%; O 12.10%

**Physical Description:** Cryst. (C<sub>6</sub>H<sub>6</sub>)

**Melting Point:** Mp 185°