



**Fluka:** 70120  
**Rare Chemicals Library:** S55926-1  
**Sigma:** M8136

>>>**Derivative:** Butyl ester  
**Synonym(s):** Butyl tetradecanoate. Butyl myristate

**CAS Registry Number:** 110-36-1  
**Molecular Formula:** C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>  
**Molecular Weight:** 284.481  
**Accurate Mass:** 284.27153  
**Percentage Composition:** C 76.00%; H 12.75%; O 11.25%  
**Boiling Point:** Bp<sub>1</sub> 125°

>>>**Derivative:** *tert*-Butyl ester

**CAS Registry Number:** 32429-42-8  
**Molecular Formula:** C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>  
**Molecular Weight:** 284.481  
**Accurate Mass:** 284.27153  
**Percentage Composition:** C 76.00%; H 12.75%; O 11.25%  
**Physical Description:** Cryst. (MeOH)  
**Melting Point:** Mp 13°

>>>**Derivative:** Tetradecyl ester  
**Synonym(s):** Tetradecyl tetradecanoate. Myristyl myristate

**CAS Registry Number:** 3234-85-3  
**Molecular Formula:** C<sub>28</sub>H<sub>56</sub>O<sub>2</sub>  
**Molecular Weight:** 424.749  
**Accurate Mass:** 424.42803  
**Percentage Composition:** C 79.18%; H 13.29%; O 7.53%  
**Physical Description:** Cryst. (EtOH)  
**Melting Point:** Mp 43°

>>>**Derivative:** Octyldodecyl ester

**CAS Registry Number:** 83826-43-1  
**Molecular Formula:** C<sub>34</sub>H<sub>68</sub>O<sub>2</sub>  
**Molecular Weight:** 508.91  
**Accurate Mass:** 508.52193  
**Percentage Composition:** C 80.24%; H 13.47%; O 6.29%  
**Use/Importance:** Used for cosmetics preparations  
**Physical Description:** Oil  
**Other Data:** Exact struct. not certain

>>>**Derivative:** 2,3-Dihydroxyheptadecyl ester  
**Synonym(s):** **Phytophthorol 1**

**CAS Registry Number:** 114923-77-2

**Molecular Formula:** C<sub>31</sub>H<sub>62</sub>O<sub>4</sub>  
**Molecular Weight:** 498.828  
**Accurate Mass:** 498.46481  
**Percentage Composition:** C 74.64%; H 12.53%; O 12.83%  
**Biological Source:** Prod. by *Phytophthora cactorum*  
**Physical Description:** Cryst.