



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: C₁₈H₃₆O₂
Molecular Weight: 284.481
Accurate Mass: 284.27153
Percentage Composition: C 76.00%; H 12.75%; O 11.25%
Boiling Point: Bp₁ 125°

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

CAS Registry Number: 32429-42-8
Molecular Formula: C₁₈H₃₆O₂
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: C₂₈H₅₆O₂
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: C₃₄H₆₈O₂
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: C₃₁H₆₂O₄
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.