CAS Registry Number: 1182-07-6
Molecular Formula: $C_{34}H_{58}O_2$
Molecular Weight: 498.831
Accurate Mass: 498.44368
Percentage Composition: C 81.87%; H 11.72%; O 6.41%
Melting Point: Mp 106-109°
Optical Rotation: $[\alpha]_D$ –40 (CCl_4)
Aldrich: C7780-5
Sigma: C6133

>>**Derivative:** Octanoyl
Synonym(s): Cholesteryl caprylate

CAS Registry Number: 1182-42-9

Molecular Formula: $C_{35}H_{60}O_2$
Molecular Weight: 512.858
Accurate Mass: 512.45933
Percentage Composition: C 81.97%; H 11.79%; O 6.24%
Melting Point: Mp 104-108°
Optical Rotation: $[\alpha]_D$ –29 ($CHCl_3$)
Aldrich: 12525-3
Sigma: C4508

>>**Derivative:** Nonanoyl
Synonym(s): Cholesteryl pelargonate

CAS Registry Number: 1182-66-7

Molecular Formula: $C_{36}H_{62}O_2$
Molecular Weight: 526.885
Accurate Mass: 526.47498
Percentage Composition: C 82.07%; H 11.86%; O 6.07%
Melting Point: Mp 58°. Mp 110-124°
Optical Rotation: $[\alpha]_D$ –33.2 ($CHCl_3$)
Aldrich: C7880-1
Fluka: 26920
Sigma: C8506

>>**Derivative:** Decanoyl
Synonym(s): Cholesteryl caprate

CAS Registry Number: 1183-04-6
Molecular Formula: $C_{37}H_{64}O_2$
Molecular Weight: 540.911
Accurate Mass: 540.49063
Percentage Composition: C 82.16%; H 11.93%; O 5.92%
Melting Point: Mp 80-81°
Optical Rotation: $[\alpha]_D$ –27 ($CHCl_3$)
Rare Chemicals Library: S43673-9
Sigma: C4633

>>**Derivative:** Dodecanoyl
Synonym(s): Cholesteryl laurate

CAS Registry Number: 1908-11-8

Molecular Formula: $C_{39}H_{68}O_2$
Molecular Weight: 568.965
Accurate Mass: 568.52193
Percentage Composition: C 82.33%; H 12.05%; O 5.62%
Melting Point: Mp 75-77°
Optical Rotation: $[\alpha]_D$ –23.4 ($CHCl_3$)
Rare Chemicals Library: S45456-7
Sigma: C5633