



Biological Source: Isol. from *Spilanthes acmella*

>> **Derivative:** *O*-Hexadecanoyl

Synonym(s): Palmitoyl- β -amyrin

CAS Registry Number: 5973-06-8

Molecular Formula: C₄₆H₈₀O₂

Molecular Weight: 665.137

Accurate Mass: 664.61583

Percentage Composition: C 83.07%; H 12.12%; O 4.81%

Biological Source: Constit. of many plants

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 75-76°

Optical Rotation: [α]_D²⁰ +67.9 (CHCl₃)

>> **Derivative:** *O*-(9Z-Hexadecenoyl)

CAS Registry Number: 65118-59-4

Molecular Formula: C₄₆H₇₈O₂

Molecular Weight: 663.121

Accurate Mass: 662.60018

Percentage Composition: C 83.32%; H 11.86%; O 4.83%

Biological Source: Isol. from *Wedelia rugosa*

>> **Derivative:** *O*-Heptadecanoyl

Synonym(s): β -Amirin heptadecanoate

Molecular Formula: C₄₇H₈₂O₂

Molecular Weight: 679.164

Accurate Mass: 678.63148

Percentage Composition: C 83.12%; H 12.17%; O 4.71%

Biological Source: Constit. of *Cuscuta reflexa*

Physical Description: Wax

Optical Rotation: [α]_D²⁵ +3.5 (c, 1.1 in CHCl₃)

>> **Derivative:** *O*-Octadecanoyl

Synonym(s): β -Amyrin stearate

CAS Registry Number: 62736-38-3

Molecular Formula: C₄₈H₈₄O₂

Molecular Weight: 693.19

Accurate Mass: 692.64713

Percentage Composition: C 83.17%; H 12.21%; O 4.62%

Biological Source: Isol. from *Balanophora indica*

Melting Point: Mp 52-54°

Optical Rotation: [α]_D +62 (CHCl₃)

>> **Derivative:** *O*-(9Z,12Z-Octadecadienoyl)

CAS Registry Number: 57403-22-2

Molecular Formula: C₄₈H₈₀O₂

Molecular Weight: 689.159

Accurate Mass: 688.61583

Percentage Composition: C 83.66%; H 11.70%; O 4.64%

Biological Source: Isol. from *Spilanthes acmella*

>> **Derivative:** *O*-(9Z,12Z,15Z-Octadecatrienoyl)

CAS Registry Number: 57403-24-4