



Biological Source: Constit. of *Premna fulva*

>> **Derivative:** 3-Oxobutanoyl

Synonym(s): 3-*O*-Acetoacetyllopeol

CAS Registry Number: 143183-66-8

Molecular Formula: C₃₄H₅₄O₃

Molecular Weight: 510.799

Accurate Mass: 510.407295

Percentage Composition: C 79.95%; H 10.66%; O 9.40%

Biological Source: Constit. of *Croton megalocarpus*

>> **Derivative:** 3-(3*R*-Hydroxyhexadecanoyl)

CAS Registry Number: 199665-79-7

Molecular Formula: C₄₆H₈₀O₃

Molecular Weight: 681.136

Accurate Mass: 680.610745

Percentage Composition: C 81.12%; H 11.84%; O 7.05%

Biological Source: Constit. of *Maclura pomifera*

Physical Description: Amorph. solid (EtOH)

Optical Rotation: [α]_D²⁴ +20.5 (c, 0.01 in CHCl₃)

>> **Derivative:** (3-Hydroxyoctadecanoyl)

CAS Registry Number: 108885-61-6

Molecular Formula: C₄₈H₈₄O₃

Molecular Weight: 709.19

Accurate Mass: 708.642045

Percentage Composition: C 81.29%; H 11.94%; O 6.77%

Biological Source: Constit. of *Amsonia grandiflora*

Optical Rotation: [α]_D²⁵ +22.98 (c, 0.97 in CHCl₃)

>> **Derivative:** 3-Hydroxyeicosanoyl

CAS Registry Number: 98891-90-8

Molecular Formula: C₅₀H₈₈O₃

Molecular Weight: 737.243

Accurate Mass: 736.673345

Percentage Composition: C 81.46%; H 12.03%; O 6.51%

Biological Source: Constit. of *Apocynum venetum* and *Parahancornia amapa*

>> **Derivative:** 3-Acetoxyeicosanoyl

CAS Registry Number: 138800-51-8

Molecular Formula: C₅₂H₉₀O₄

Molecular Weight: 779.281

Accurate Mass: 778.68391

Percentage Composition: C 80.15%; H 11.64%; O 8.21%

Biological Source: Constit. of *Parahancornia amapa*

>> **Derivative:** 3-Hydroxydocosanoyl

CAS Registry Number: 138800-48-3

Molecular Formula: C₅₂H₉₂O₃

Molecular Weight: 765.297

Accurate Mass: 764.704645

Percentage Composition: C 81.61%; H 12.12%; O 6.27%

Biological Source: Constit. of *Parahancornia amapa*

>> **Derivative:** 3-Acetoxydocosanoyl

CAS Registry Number: 138800-52-9