



CAS Registry Number: 98969-23-4

Molecular Formula: C₃₄H₅₀O₁₇

Molecular Weight: 730.759

Accurate Mass: 730.304805

Percentage Composition: C 55.88%; H 6.90%; O 37.22%

Biological Source: Isol. from *Anodendron affine*

Physical Description: Needles + 3H₂O (MeOH)

Melting Point: Mp 180-185°

Optical Rotation: [α]_D²⁷ +20.2 (c, 0.57 in MeOH)

>> **Derivative:** Me ether

Synonym(s): 4-Methoxy-3,5-bis(3-methyl-2-butenyl)benzoic acid. 4-Methoxy-3,5-diprenylbenzoic acid

CAS Registry Number: 91163-48-3

Molecular Formula: C₁₈H₂₄O₃

Molecular Weight: 288.386

Accurate Mass: 288.172545

Percentage Composition: C 74.97%; H 8.39%; O 16.64%

Biological Source: Constit. of *Piper aduncum* and *Piper hispidum*

Physical Description: Cryst. (petrol)

Melting Point: Mp 94-94.5°

>> **Derivative:** Me ether, Me ester

CAS Registry Number: 155051-84-6

Molecular Formula: C₁₉H₂₆O₃

Molecular Weight: 302.413

Accurate Mass: 302.188195

Percentage Composition: C 75.46%; H 8.67%; O 15.87%

Biological Source: Constit. of *Piper aduncum*

>> **Derivative:** Me ether, (S)-4-isopropyl-1-methylcyclohexen-4-yl ester

Synonym(s): *p*-Menth-1-en-4-yl *O*-methylnervogenate

CAS Registry Number: 155051-83-5

Molecular Formula: C₂₈H₄₀O₃

Molecular Weight: 424.622

Accurate Mass: 424.297745

Percentage Composition: C 79.20%; H 9.49%; O 11.30%

Biological Source: Constit. of *Piper aduncum*

Physical Description: Oil

Optical Rotation: [α]_D²⁰ +10.8 (c, 0.28 in MeOH)

UV: [neutral] $\lambda_{\max}$ 243 (ϵ 14454) (MeOH) (Berdy)

>> **Derivative:** Aldehyde

Synonym(s): 4-Hydroxy-3,5-bis(3-methyl-2-butenyl)benzaldehyde, 9Cl. 4-Hydroxy-3,5-diprenylbenzaldehyde

CAS Registry Number: 52275-04-4

Molecular Formula: C₁₇H₂₂O₂

Molecular Weight: 258.36

Accurate Mass: 258.16198

Percentage Composition: C 79.03%; H 8.58%; O 12.39%

Biological Source: Constit. of *Dodonaea viscosa* and *Senecio erubescens*

Physical Description: Cryst.

Melting Point: Mp 118°