



Synonym(s): 6-*O*-(4-Methoxybenzoyl)ajugol

CAS Registry Number: 146564-46-7

Molecular Formula: C₂₃H₃₀O₁₁

Molecular Weight: 482.483

Accurate Mass: 482.178815

Percentage Composition: C 57.26%; H 6.27%; O 36.48%

Biological Source: Constit. of *Tabebuia avellanedae*

Physical Description: Amorph. powder

Optical Rotation: [α]_D –68.2 (c, 1.1 in MeOH)

>>Derivative: 6-*O*-(4-Hydroxy-3-methoxybenzoyl)

Synonym(s): 6-*O*-(4-Hydroxy-3-methoxybenzoyl)ajugol. 6-*O*-Vanilloylajugol

CAS Registry Number: 124168-04-3

Molecular Formula: C₂₃H₃₀O₁₂

Molecular Weight: 498.483

Accurate Mass: 498.17373

Percentage Composition: C 55.42%; H 6.07%; O 38.52%

Biological Source: Constit. of the roots of *Rehmannia glutinosa* var. *purpurea*. Component of Gan Di Huang

Physical Description: Amorph. powder +1H₂O

Optical Rotation: [α]_D²⁹ –138.8 (c, 0.1 in MeOH)

>>Derivative: 6-*O*-(3,4-Dimethoxybenzoyl)

Synonym(s): 6-*O*-(3,4-Dimethoxybenzoyl)ajugol

CAS Registry Number: 146564-47-8

Molecular Formula: C₂₄H₃₂O₁₂

Molecular Weight: 512.51

Accurate Mass: 512.18938

Percentage Composition: C 56.25%; H 6.29%; O 37.46%

Biological Source: Constit. of *Tabebuia avellanedae*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁶ –120.8 (c, 1 in MeOH)

>>Derivative: 6-*O*-[3-Methoxy-4-(α -L-rhamnopyranosyloxy)benzoyl]

Synonym(s): 6-*O*-(4-*O*- α -L-Rhamnopyranosylvanilloyl)ajugol

CAS Registry Number: 124168-07-6

Molecular Formula: C₂₉H₄₀O₁₆

Molecular Weight: 644.625

Accurate Mass: 644.23164

Percentage Composition: C 54.03%; H 6.25%; O 39.71%

Biological Source: Constit. of the roots of *Rehmannia glutinosa* var. *purpurea*. Component of Gan Di Huang

Physical Description: Amorph. powder + 1½ H₂O

Optical Rotation: [α]_D²⁸ –156 (c, 0.25 in MeOH)

>>Derivative: 8-*O*-*E*-Cinnamoyl

Synonym(s): Laterioside

CAS Registry Number: 70206-27-8

Molecular Formula: C₂₄H₃₀O₁₀

Molecular Weight: 478.495

Accurate Mass: 478.1839

Percentage Composition: C 60.24%; H 6.32%; O 33.44%

Biological Source: Constit. of *Scrophularia lateriflora* and *Verbascum nigrum*