



>>Derivative: 9-*O*-(3-Methyl-2-butenoyl)

Synonym(s): **Peujaponisinol A**

CAS Registry Number: 152378-24-0

Molecular Formula: C₁₉H₂₀O₆

Molecular Weight: 344.363

Accurate Mass: 344.12599

Percentage Composition: C 66.27%; H 5.85%; O 27.88%

Biological Source: Constit. of *Peucedanum japonicum*

Physical Description: Oil

Optical Rotation: [α]_D²² -16.4 (c, 0.12 in CHCl₃)

>>Derivative: 9-*O*-(3-Methyl-2-butenoyl), 10-Ac

Synonym(s): **(+)-Samidin**

Molecular Formula: C₂₁H₂₂O₇

Molecular Weight: 386.401

Accurate Mass: 386.136555

Percentage Composition: C 65.28%; H 5.74%; O 28.98%

Biological Source: Constit. of *Peucedanum japonicum* roots

Optical Rotation: [α]_D²⁰ +13.8 (c, 2.92 in EtOH)

>>Derivative: 9-*O*-(3-Methyl-2-butenoyl), 10-*O*-(3-methylbutanoyl)

Synonym(s): **Peujaponisin**

CAS Registry Number: 146428-59-3

Molecular Formula: C₂₄H₂₈O₇

Molecular Weight: 428.481

Accurate Mass: 428.183505

Percentage Composition: C 67.28%; H 6.59%; O 26.14%

Biological Source: Constit. of *Peucedanum japonicum*

Physical Description: Oily solid

Optical Rotation: [α]_D²⁵ -7 (c, 1 in CHCl₃)

>>Derivative: 10-*O*-(3-Methyl-2-butenoyl)

Synonym(s): **Peujaponisinol B**

CAS Registry Number: 152378-25-1

Molecular Formula: C₁₉H₂₀O₆

Molecular Weight: 344.363

Accurate Mass: 344.12599

Percentage Composition: C 66.27%; H 5.85%; O 27.88%

Biological Source: Constit. of *Peucedanum japonicum*

Physical Description: Oil

Optical Rotation: [α]_D²² -86.4 (c, 0.22 in CHCl₃)

>>Derivative: Bis-*O*-(3-methyl-2-butenoyl)

CAS Registry Number: 145920-86-1

Molecular Formula: C₂₄H₂₆O₇

Molecular Weight: 426.465

Accurate Mass: 426.167855

Percentage Composition: C 67.59%; H 6.14%; O 26.26%

Biological Source: Isol. from *Peucedanum japonicum*

Melting Point: Mp 112-113°

Optical Rotation: [α]_D -47.7 (c, 0.1 in CHCl₃)

>>Derivative: 9-Angeloyl, 10-Ac

CAS Registry Number: 73069-27-9