



Synonym(s): (–)-*trans*-form

CAS Registry Number: 23458-04-0

Molecular Formula: C₁₄H₁₄O₅

Molecular Weight: 262.262

Accurate Mass: 262.084125

Percentage Composition: C 64.12%; H 5.38%; O 30.50%

Biological Source: Isol. from *Angelica purpurea*folia

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 185-186°

Optical Rotation: [α]_D²³ –6.4 (c, 0.838 in EtOH). [α]_D²¹ –18 (c, 0.901 in CHCl₃)

>>Derivative: Di-Ac

CAS Registry Number: 24144-59-0

Molecular Formula: C₁₈H₁₈O₇

Molecular Weight: 346.336

Accurate Mass: 346.105255

Percentage Composition: C 62.42%; H 5.24%; O 32.34%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 162-163°

Optical Rotation: [α]_D²¹ –8.4 (c, 1.083 in CHCl₃)

>>Derivative: 9-*O*-(3-Methylbutanoyl)

Synonym(s): Junosmarin

Molecular Formula: C₁₉H₂₂O₆

Molecular Weight: 346.379

Accurate Mass: 346.14164

Percentage Composition: C 65.88%; H 6.40%; O 27.71%

Biological Source: Constit. of *Citrus junos*

Physical Description: Oil

Optical Rotation: [α]_D –16.4 (CHCl₃)

Other Data: Registered in CA as identical with Campesterol, which appears to be incorrect

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

CAS Registry Number: 84458-89-9

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 *Seseli campestre*

>>Derivative: 10-Me ether

CAS Registry Number: 23733-92-8

Extra CAS Registry Numbers(s): 34409-03-5

Molecular Formula: C₁₅H₁₆O₅

Molecular Weight: 276.288

Accurate Mass: 276.099775

Percentage Composition: C 65.21%; H 5.84%; O 28.95%

Biological Source: Constit. of *Phlojodicarpus sibiricus*

Physical Description: Cryst.

Melting Point: Mp 161-162°

>>Derivative: 6-Methoxy

Synonym(s): 6-Methoxykhellactone

CAS Registry Number: 193560-24-6