



Molecular Formula: C₂₅H₃₄O₁₄
Molecular Weight: 558.535
Accurate Mass: 558.19486
Percentage Composition: C 53.76%; H 6.14%; O 40.10%
Biological Source: Constit. of the roots of *Peucedanum japonicum*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{22} -18.7$ (c, 0.1 in MeOH)

>>**Derivative:** 2'-*O*-(3-Methyl-2-butenoyl)
Synonym(s): Grandivittinol. Grandivitinol

CAS Registry Number: 65669-83-2

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 *Seseli grandivittatum*
Physical Description: Cryst.
Melting Point: Mp 143-145°

>>**Derivative:** 7-Me ether
Synonym(s): Ulopterol. 2',3'-Dihydroxy-2',3-dihydrosuberosin. Pubesinol

CAS Registry Number: 28095-18-3

Molecular Formula: C₁₅H₁₈O₅
Molecular Weight: 278.304
Accurate Mass: 278.115425
Percentage Composition: C 64.74%; H 6.52%; O 28.74%
Biological Source: Constit. of *Coleonema album* and *Micromelum pubescens*. Also from *Prangos uloptera*, *Xanthoxylum arnottianum* and *Hippomarathrum cristatum*
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 139-140° (134-135.5°)
Optical Rotation: $[\alpha]_D^{22} +81.8$ (MeOH)
Other Data: Opt. rotn. not recorded for most isolates of this compd.

>>**Derivative:** 2'-Ketone
Synonym(s): Peucedanone

Molecular Formula: C₁₄H₁₄O₅
Molecular Weight: 262.262
Accurate Mass: 262.084125
Percentage Composition: C 64.12%; H 5.38%; O 30.50%
Biological Source: Constit. of *Angelica gigas*
Physical Description: Pale yellow prisms (CHCl₃)
Optical Rotation: $[\alpha]_D +4.8$ (c, 0.5 in CHCl₃/MeOH)
UV: [neutral] $\lambda_{\max}$ 224 (log ϵ 5.12); 316 (log ϵ 5.11); 339 (log ϵ 5.1) (no solvent reported)
Other Data: Unexplained opt. rotation

>>**Variant:** (S)-form

Molecular Formula: C₁₄H₁₆O₅
Molecular Weight: 264.277
Accurate Mass: 264.099775
Percentage Composition: C 63.63%; H 6.10%; O 30.27%
Biological Source: Constit. of *Evodia belahe*
Melting Point: Mp 175°
Optical Rotation: $[\alpha]_D -47$ (c, 0.68 in EtOH)