



Biological Source: Constit. of *Peucedanum japonicum*

Biological Use/Importance: Cytotoxic

Physical Description: Needles (MeOH)

Melting Point: Mp 137-138°

Optical Rotation: $[\alpha]_D^{18} +54.5$ (c, 0.8 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 245 (ϵ 5400); 255 (ϵ 4250); 297 (ϵ 990); 320 (ϵ 13800) (MeOH) (Berdy)

>> **Derivative:** 9-Angeloyl, 10-*O*-(3-methylbutanoyl)

Synonym(s): Praeruptorin E. Pd-III

CAS Registry Number: 78478-28-1

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 praeruptorum*

Physical Description: Needles (Me₂CO)

Melting Point: Mp 150.5-152°

Optical Rotation: $[\alpha]_D^{20} +25.9$ (CHCl₃)

>> **Derivative:** 9-Angeloyl, 10-*O*-(3-methyl-2-butenoyl)

Synonym(s): Peuformosin

CAS Registry Number: 6468-80-0

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 formosanum*

Melting Point: Mp 155-156°

Optical Rotation: $[\alpha]_D +67.3$ (CHCl₃)

>> **Derivative:** 10-Angeloyl

Synonym(s): *d*-Laserpitin

CAS Registry Number: 134002-17-8

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* sp.

>> **Derivative:** 10-Angeloyl, 9-Ac

Synonym(s): Longshengsin A

CAS Registry Number: 198470-05-2

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 longshengense*

Physical Description: Cryst(EtOAc/petrol)

Melting Point: Mp 172-174°

Optical Rotation: $[\alpha]_D^{18} -27.2$ (c, 0.25 in CHCl₃)

Other Data: Component of Nan Ling Qian Hu

>> **Derivative:** Diangeloyl

Synonym(s): (+)-Anomalin⁺. (+)-Praeruptorin B. Pd-II

CAS Registry Number: 73069-28-0