



CAS Registry Number: 72463-77-5

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* spp., *Musineon* sp. and *Seseli* sp.

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

Synonym(s): Calipteryxin

CAS Registry Number: 14017-72-2

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 *Pteryxia terebinthina* and *Musineon diviricatum*

Melting Point: Mp 147.5-148°

Optical Rotation: [α]_D -55 (CHCl₃)

>>Derivative: 10-Angeloyl

Synonym(s): Laserpitin[‡]

Molecular Formula: C₁₉H₂₀O₆

Molecular Weight: 344.363

Accurate Mass: 344.12599

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

Biological Source: Isol. from *Ammi ursina* and *Libanotis lehmanniana*

Physical Description: Powder

Optical Rotation: [α]_D -54.5 (CHCl₃)

>>Derivative: 10-Angeloyl, 9-Ac

Synonym(s): Pteryxin. Pterixin

CAS Registry Number: 13161-75-6

Molecular Formula: C₂₁H₂₂O₇

Molecular Weight: 386.401

Accurate Mass: 386.136555

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

Biological Source: Isol. from *Pteryxia terebinthina*, *Ammi ursina*, *Musineon diviricatum* and *Seseli libanotis*

Biological Use/Importance: Has muscle-relaxant props.

Melting Point: Mp 86-86.5°

Optical Rotation: [α]_D +12.5 (EtOH). [α]_D -4 (CHCl₃)

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

Synonym(s): 4'-Angeloyloxy-3'-isovaleryloxy-3',4'-dihydroseselin

CAS Registry Number: 37551-70-5

Molecular Formula: C₂₄H₂₈O₇

Molecular Weight: 428.481

Accurate Mass: 428.183505

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

Biological Source: Isol. from *Seseli gummiferum* and *Seseli tenuisectum*

Physical Description: Glass

Optical Rotation: [α]_D +21.4 (CHCl₃)

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

Synonym(s): 4'-Angeloyloxy-3'-seneciolyloxy-3',4'-dihydroseselin