



**CAS Registry Number:** 72463-77-5

**Molecular Formula:** C<sub>24</sub>H<sub>28</sub>O<sub>7</sub>

**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:** C<sub>24</sub>H<sub>26</sub>O<sub>7</sub>

**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:** [ $\alpha$ ]<sub>D</sub> -55 (CHCl<sub>3</sub>)

>>**Derivative:** 10-Angeloyl

**Synonym(s):** Laserpitin‡

**Molecular Formula:** C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>

**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:** [ $\alpha$ ]<sub>D</sub> -54.5 (CHCl<sub>3</sub>)

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

**Synonym(s):** Pteryxin. Pterixin

**CAS Registry Number:** 13161-75-6

**Molecular Formula:** C<sub>21</sub>H<sub>22</sub>O<sub>7</sub>

**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:** [ $\alpha$ ]<sub>D</sub> +12.5 (EtOH). [ $\alpha$ ]<sub>D</sub> -4 (CHCl<sub>3</sub>)

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

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

**CAS Registry Number:** 37551-70-5

**Molecular Formula:** C<sub>24</sub>H<sub>28</sub>O<sub>7</sub>

**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:** [ $\alpha$ ]<sub>D</sub> +21.4 (CHCl<sub>3</sub>)

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

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