



Synonym(s): Dioxyanomalin

CAS Registry Number: 29169-46-8

Extra CAS Registry Numbers(s): 76612-33-4

Molecular Formula: C₂₄H₂₆O₉

Molecular Weight: 458.464

Accurate Mass: 458.157685

Percentage Composition: C 62.88%; H 5.72%; O 31.41%

Biological Source: Isol. from *Laserpitium archangelica*

Melting Point: Mp 179°. Mp 211°

Other Data: 2 Stereoisomers isol., of unknown configs.

>>Derivative: 9-Angeloyl

CAS Registry Number: 97274-80-1

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*, *Musineon divaricatum* and *Libanotis lehmanniana*

Melting Point: Mp 148-149°

Optical Rotation: [α]_D -91.8 (CHCl₃)

>>Derivative: 9-Angeloyl, 10-Ac

Synonym(s): Isopteryxin. Peupraerin I

CAS Registry Number: 14017-71-1

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*

Melting Point: Mp 135-135.5°

Optical Rotation: [α]_D -45 (CHCl₃). [α]_D -39 (EtOH)

>>Derivative: 9-Angeloyl, 10-O-(2-methylpropanoyl)

Synonym(s): Hyuganin B

CAS Registry Number: 96887-16-0

Molecular Formula: C₂₃H₂₆O₇

Molecular Weight: 414.454

Accurate Mass: 414.167855

Percentage Composition: C 66.65%; H 6.32%; O 27.02%

Biological Source: Isol. from *Seseli libanotis*, *Musineon divaricatum* and *Angelica furcijuga*

Physical Description: Powder

Optical Rotation: [α]_D²⁴ -21.5 (c, 1 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 217 (sh) (log ϵ 4.4); 300 (sh) (log ϵ 3.9); 322 (log ϵ 4.1) (MeOH)

Other Data: Posn. of acyl residues uncertain

>>Derivative: 9-Angeloyl, 10-O-(2-methylbutanoyl)

Synonym(s): Hyuganin A

CAS Registry Number: 214778-42-4

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 *Angelica furcijuga*

Physical Description: Powder

Optical Rotation: [α]_D²⁷ -37.1 (c, 1.3 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 217 (sh) (log ϵ 4.4); 300 (sh) (log ϵ 4); 322 (log ϵ 4.2) (MeOH)