Synonym(s): Dioxyanomalin

CAS Registry Number: 29169-46-8
Extra CAS Registry Numbers(s): 76612-33-4

Molecular Formula: $C_{24}H_{26}O_9$
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: $C_{19}H_{20}O_6$
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: $[\alpha]_D$ –91.8 ($CHCl_3$)

>>**Derivative:** 9-Angeloyl, 10-Ac
Synonym(s): Isopteryxin. Peupraerin I

CAS Registry Number: 14017-71-1

Molecular Formula: $C_{21}H_{22}O_7$
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: $[\alpha]_D$ –45 ($CHCl_3$). $[\alpha]_D$ –39 (EtOH)

>>**Derivative:** 9-Angeloyl, 10-*O*-(2-methylpropanoyl)
Synonym(s): Hyuganin B

CAS Registry Number: 96887-16-0

Molecular Formula: $C_{23}H_{26}O_7$
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: $[\alpha]_D^{24}$ –21.5 (c, 1 in $CHCl_3$)
UV: [neutral] λ_{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: $C_{24}H_{28}O_7$
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: $[\alpha]_D^{27}$ –37.1 (c, 1.3 in $CHCl_3$)
UV: [neutral] λ_{max} 217 (sh) (log ε 4.4); 300 (sh) (log ε 4); 322 (log ε 4.2) (MeOH)