



Biological Source: Constit. of *Polygala paniculata*

Physical Description: Needles (EtOAc/heptane)

Melting Point: Mp 144-145°

>>**Derivative:** 10-*O*-(4-Hydroxycinnamoyl), 9-*O*-(3-methyl-2-butenoyl),

Synonym(s): Badycoumarin B

CAS Registry Number: 138559-54-3

Molecular Formula: C₂₈H₂₆O₈

Molecular Weight: 490.509

Accurate Mass: 490.16277

Percentage Composition: C 68.56%; H 5.34%; O 26.09%

Biological Source: Constit. of *Ammi flaccida* roots

Physical Description: Cryst.

Melting Point: Mp 93-95°

Optical Rotation: [α]_D²⁷+68 (MeOH)

>>**Derivative:** 10-*O*-(4-Hydroxycinnamoyl), 9-angeloyl

Synonym(s): Badycoumarin A

CAS Registry Number: 138559-53-2

Molecular Formula: C₂₈H₂₆O₈

Molecular Weight: 490.509

Accurate Mass: 490.16277

Percentage Composition: C 68.56%; H 5.34%; O 26.09%

Biological Source: Constit. of *Angelica flaccida* roots

Physical Description: Cryst.

Melting Point: Mp 90-92°

Optical Rotation: [α]_D²⁷+77.7 (MeOH)

>>**Derivative:** 9-*O*-(2,7-Dimethyl-5-oxo-2,6-octadienoyl)

Synonym(s): Campestrinol

CAS Registry Number: 84458-88-8

Molecular Formula: C₂₄H₂₆O₇

Molecular Weight: 426.465

Accurate Mass: 426.167855

Percentage Composition: C 67.59%; H 6.14%; O 26.26%

Biological Source: Constit. of *Seseli campestre*

Melting Point: Mp 116-118°

>>**Derivative:** 10-Me ether

CAS Registry Number: 20107-13-5

Extra CAS Registry Numbers(s): 34409-02-4

Molecular Formula: C₁₅H₁₆O₅

Molecular Weight: 276.288

Accurate Mass: 276.099775

Percentage Composition: C 65.21%; H 5.84%; O 28.95%

Biological Source: Constit. of *Phlojodicarpus sibiricus*

Melting Point: Mp 136-137°

>>**Derivative:** 10-Ketone, 9-tigloyl

Synonym(s): Qianhu coumarin E

CAS Registry Number: 156041-02-0

Molecular Formula: C₁₉H₁₈O₆

Molecular Weight: 342.348

Accurate Mass: 342.11034

Percentage Composition: C 66.66%; H 5.30%; O 28.04%

Biological Source: Constit. of *Peucedanum praeruptorum*

Physical Description: Cryst. (petrol)

Optical Rotation: [α]_D²⁰+19.6