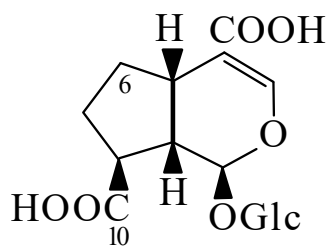




>>Entry Name: Forsythide



CAS Registry Number: 43043-09-0

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Biological Source: Constit. of *Forsythia viridissima*

Physical Description: Powder

Optical Rotation: $[\alpha]_D^{30} -64.7$ (c, 1 in MeOH)

>>Derivative: 10-Me ester

CAS Registry Number: 42830-21-7

Molecular Formula: C₁₇H₂₄O₁₁

Molecular Weight: 404.37

Accurate Mass: 404.131865

Percentage Composition: C 50.50%; H 5.98%; O 43.52%

Biological Source: Constit. of *Forsythia viridissima*

Physical Description: Powder

Optical Rotation: $[\alpha]_D^{32} -51.9$ (c, 1 in MeOH)

>>Derivative: Di-Me ester

Physical Description: Cryst.

Melting Point: Mp 141.5-142.5°

Optical Rotation: $[\alpha]_D^{29} -58.2$ (c, 1 in MeOH)

>>Derivative: 6-Oxo, di-Me ester

Synonym(s): Griselinoside

CAS Registry Number: 71035-06-8

Molecular Formula: C₁₈H₂₄O₁₂

Molecular Weight: 432.38

Accurate Mass: 432.12678

Percentage Composition: C 50.00%; H 5.59%; O 44.40%

Biological Source: Constit. of *Griselina littoralis*

Physical Description: Foam

Optical Rotation: $[\alpha]_D^{21} -117$ (c, 0.3 in MeOH)

>>Derivative: 6-Oxo, di-Me ester, tetra-Ac

CAS Registry Number: 71035-08-0

Physical Description: Cryst. (EtOH)

Melting Point: Mp 118.5-119°

Optical Rotation: $[\alpha]_D^{21} -122$ (c, 0.3 in CHCl₃)

>>Derivative: 6-Oxo, 11-Me ester

Synonym(s): 10-Griselinosidic acid

Molecular Formula: C₁₇H₂₂O₁₂

Molecular Weight: 418.354

Accurate Mass: 418.11113

Percentage Composition: C 48.81%; H 5.30%; O 45.89%

Biological Source: Constit. of *Penstemon nitidus*

Physical Description: Light brown foam

Optical Rotation: $[\alpha]_D^{25} -97.8$ (c, 0.98 in MeOH)