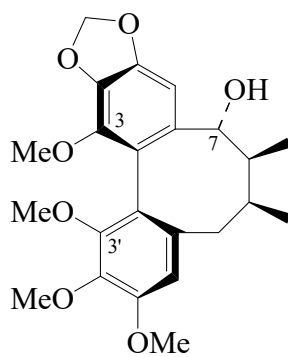




>>Entry Name: Isogomisin O



CAS Registry Number: 83916-76-1

Molecular Formula: C₂₃H₂₈O₇

Molecular Weight: 416.47

Accurate Mass: 416.183505

Percentage Composition: C 66.33%; H 6.78%; O 26.89%

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{24} -27.3$ (c, 1.10 in CHCl₃)

>>Derivative: Angeloyl

Synonym(s): Angeloylisogomisin O

CAS Registry Number: 83864-70-4

Molecular Formula: C₂₈H₃₄O₈

Molecular Weight: 498.572

Accurate Mass: 498.22537

Percentage Composition: C 67.45%; H 6.87%; O 25.67%

Biological Source: Constit. of fruits of *Schizandra chinensis*

Physical Description: Prisms (Et₂O/hexane)

Melting Point: Mp 122-123°

Optical Rotation: $[\alpha]_D^{24} +52.2$ (c, 1.80 in CHCl₃)

>>Derivative: Benzoyl

Synonym(s): Benzoylisogomisin O

CAS Registry Number: 83864-71-5

Molecular Formula: C₃₀H₃₂O₈

Molecular Weight: 520.578

Accurate Mass: 520.20972

Percentage Composition: C 69.22%; H 6.20%; O 24.59%

Biological Source: Isol. from *Schizandra chinensis*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{24} -14.7$ (c, 1.70 in CHCl₃)

>>Derivative: 3-O-De-Me, 7-O-E-cinnamoyl

Synonym(s): Schizanrin A

CAS Registry Number: 248257-23-0

Molecular Formula: C₃₁H₃₂O₈

Molecular Weight: 532.589

Accurate Mass: 532.20972

Percentage Composition: C 69.91%; H 6.06%; O 24.03%

Biological Source: Constit. of *Schizandra arisanensis*

Physical Description: Prisms

Melting Point: Mp 173-175°

Optical Rotation: $[\alpha]_D +48$ (c, 0.1 in CHCl₃)

>>Derivative: 3-O-De-Me, 7-tigloyl

Synonym(s): Schizanrin D