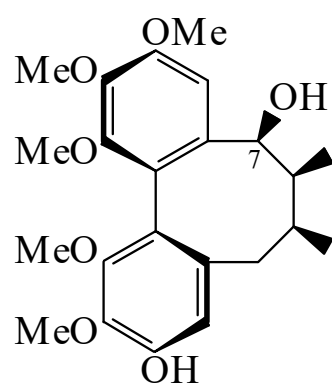




>>Entry Name: Gomisin S



CAS Registry Number: 119239-49-5

Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

Biological Source: Isol. from *Schizandra chinensis*

Physical Description: Prisms

Melting Point: Mp 172-176°

Optical Rotation: [α]_D²³ -63 (c, 0.49 in CHCl₃)

>>Derivative: 7-Epimer

Synonym(s): Gomisin U

Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

Biological Source: Isol. from *Schizandra sphenanthera*

>>Derivative: 7-Epimer, benzoyl

Synonym(s): Benzoylgomisin U

CAS Registry Number: 130783-33-4

Molecular Formula: C₃₀H₃₄O₈

Molecular Weight: 522.594

Accurate Mass: 522.22537

Percentage Composition: C 68.95%; H 6.56%; O 24.49%

Biological Source: Isol. from *Schizandra sphenanthera*

Physical Description: Needles

Optical Rotation: [α]_D -61.6 (CHCl₃)

References:

Ikeya, Y. *et al.*, *Chem. Pharm. Bull.*, 1988, **36**, 3974, (Gomisin S)

Ikeya, Y. *et al.*, *Phytochemistry*, 1991, **30**, 975, (Gomisin U, Benzoylgomisin U)