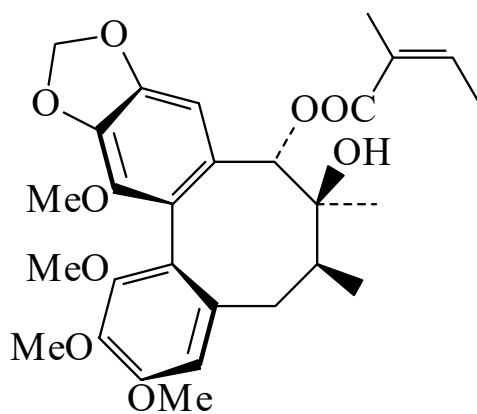




>>Entry Name: Gomisin F

Synonym(s): 7-Angeloyloxy-8-hydroxy-3,3',4',5'-tetramethoxy-4,5-methylenedioxy-2,2'-cyclo lignan



CAS Registry Number: 62956-47-2

Molecular Formula: $C_{28}H_{34}O_9$

Molecular Weight: 514.571

Accurate Mass: 514.220285

Percentage Composition: C 65.36%; H 6.66%; O 27.98%

Biological Source: Isol. from fruits of *Schizandra chinensis*

Physical Description: Needles

Melting Point: Mp 119.5-120.5°

Optical Rotation: $[\alpha]_D^{23} 0$ (c, 0.40 in $CHCl_3$)

UV: [neutral] λ_{max} 218 (ϵ 94500); 257 (sh) (ϵ 17400); 292 (sh) (ϵ 4470) (EtOH) (Derep)

>>Derivative: *O*⁷-Deangeloyl, 7-*O*-benzoyl

Synonym(s): Gomisin G

CAS Registry Number: 62956-48-3

Molecular Formula: $C_{30}H_{32}O_9$

Molecular Weight: 536.577

Accurate Mass: 536.204635

Percentage Composition: C 67.15%; H 6.01%; O 26.84%

Biological Source: Isol. from *Schizandra chinensis*

Physical Description: Prisms (Me_2CO/Et_2O)

Melting Point: Mp 97-98°

Optical Rotation: $[\alpha]_D^{25} -126$ (c, 0.427 in $CHCl_3$)

UV: [neutral] λ_{max} 220 (ϵ 57500); 253 (sh) (ϵ 15500); 284 (sh) (ϵ 3800) (EtOH) (Derep)

References:

Ikeya, Y. *et al.*, *Chem. Pharm. Bull.*, 1979, **27**, 1383, (*isol, struct*)