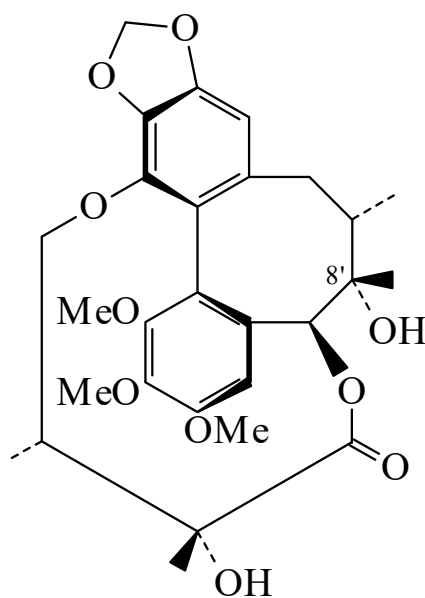




>>Entry Name: Gomisin D



Absolute
configuration

CAS Registry Number: 60546-10-3

Molecular Formula: $C_{28}H_{34}O_{10}$

Molecular Weight: 530.571

Accurate Mass: 530.2152

Percentage Composition: C 63.39%; H 6.46%; O 30.16%

Biological Source: Lignan from fruits of *Schizandra chinensis* and from *Kadsura coccinea*

Physical Description: Prisms (hexane/Et₂O)

Melting Point: Mp 194°

Optical Rotation: $[\alpha]_D^{25} -58.8$ (c, 0.265 in CHCl₃)

>>Derivative: 8'-Deoxy, 8'-epimer

Synonym(s): Gomisin E

CAS Registry Number: 72960-21-5

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 *Schizandra chinensis* and *Kadsura coccinea*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{24} +28.1$ (c, 0.28 in CHCl₃)

References:

Ikeya, Y. *et al.*, *Chem. Pharm. Bull.*, 1979, **27**, 1395; 2695, (*isol, struct, ms*)

Lian-niang, L. *et al.*, *Planta Med.*, 1985, **51**, 297, (*pharmacol*)