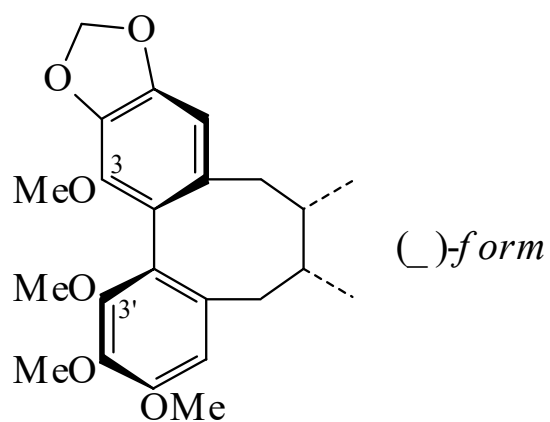




>>Entry Name: γ -Schizandrin

Synonym(s): Wuweizisu B. γ -Schisandrin. Schizandrin B. Schisandrin B



CAS Registry Number: 61281-37-6

Molecular Formula: $C_{23}H_{28}O_6$

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

>>Variant: (-)-form

Molecular Formula: $C_{23}H_{28}O_6$

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

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

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 105-107°

Optical Rotation: $[\alpha]_D^{23}$ -84.7 (c, 2.171 in CHCl₃)

>>Derivative: *O*^{3'}-De-Me

Synonym(s): Schizanhenol B. Schisanhenol B

CAS Registry Number: 102681-52-7

Molecular Formula: $C_{22}H_{26}O_6$

Molecular Weight: 386.444

Accurate Mass: 386.17294

Percentage Composition: C 68.38%; H 6.78%; O 24.84%

Biological Source: Isol. from *Schizandra henryi*

>>Derivative: *O*³-De-Me, *O*³-angeloyl

Synonym(s): Kadsutherin

CAS Registry Number: 99481-39-7

Biological Source: Isol. from rootstem of *Kadsura coccinea*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{25}$ +40 (MeOH)

>>Variant: (+)-form

Synonym(s): Isokadsuranin

CAS Registry Number: 82467-52-5

Molecular Formula: $C_{23}H_{28}O_6$

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

Biological Source: Isol. from root and stem of *Kadsura coccinea* and from *Schizandra chinensis*

Physical Description: Prisms (EtOH)

Melting Point: Mp 103-105°

Optical Rotation: $[\alpha]_D^{21}$ +81.9 (CHCl₃)