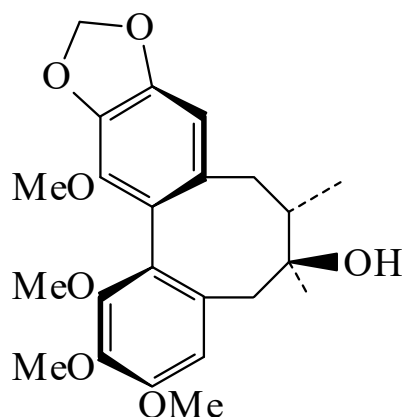




>>Entry Name: Gomisin A

Synonym(s): 3,3',4,5-Tetramethoxy-4',5'-methylenedioxy-2,2'-cyclo lignan-8-ol. Wuweizisu B. Wuweizichum B. Schisandrol B. Schizandrol B. Wuweizi alcohol B. Besigomsin. TJN 101



CAS Registry Number: 58546-54-6

Related CAS Registry Numbers(s): 61281-39-8

Molecular Formula: C₂₃H₂₈O₇

Molecular Weight: 416.47

Accurate Mass: 416.183505

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

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

Biological Use/Importance: Antineoplastic agent. Hepatoprotective agent

Melting Point: Mp 88-89° (54-56°)

Optical Rotation: [α]_D +67.9. [α]_D²²+60.8 (c, 0.58 in CHCl₃)

UV: [base] $\lambda_{\max}$ (solvent not reported) (Derep) [neutral] $\lambda_{\max}$ 217 (ϵ 79400); 246 (ϵ 19500); 251 (ϵ 20000); 256 (sh) (ϵ 17000); 288 (sh) (ϵ 2750) (EtOH) (Derep)

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Nagai, H. *et al.*, *Planta Med.*, 1989, **55**, 13, (*pharmacol*)

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