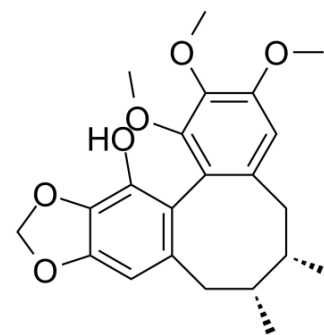


## Gomisin M2

Cat. No.:	HY-N3963
CAS No.:	82425-45-4
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	386.44
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Gomisin M2 ((+)-Gomisin M2) is a lignan isolated from the fruits of *Schisandra rubriflora* with anti-HIV activity (EC<sub>50</sub> of 2.4 μM). Gomisin M2 exhibits anti-cancer and anti-allergic activities and has the potential for Alzheimer's disease research<sup>[1][2]</sup>.

#### IC<sub>50</sub> & Target

HIV  
2.4 μM (EC<sub>50</sub>)

### REFERENCES

- [1]. Min Chen, et al. Rubrisandrins A and B, Lignans and Related anti-HIV Compounds From *Schisandra Rubriflora*. *J Nat Prod.* 2006 Dec;69(12):1697-701.
- [2]. Hima Dhakal, et al. Gomisin M2 Inhibits Mast Cell-Mediated Allergic Inflammation via Attenuation of FcεRI-Mediated Lyn and Fyn Activation and Intracellular Calcium Levels. *Front Pharmacol.* 2019 Aug 2;10:869.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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