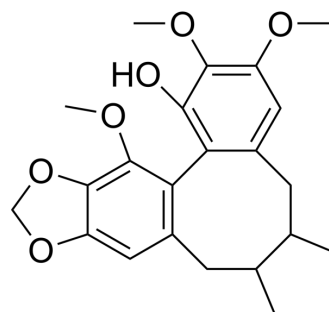


Gomisin M1

| | |
|--------------------|--|
| Cat. No.: | HY-N1529 |
| CAS No.: | 82467-50-3 |
| Molecular Formula: | C ₂₂ H ₂₆ O ₆ |
| Molecular Weight: | 386.44 |
| Target: | HIV |
| Pathway: | Anti-infection |
| Storage: | -20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 17.2 mg/mL (44.51 mM; Need ultrasonic and warming)

| Concentration | Mass | | | |
|---------------|-----------|------------|------------|--|
| | 1 mg | 5 mg | 10 mg | |
| 1 mM | 2.5877 mL | 12.9386 mL | 25.8772 mL | |
| 5 mM | 0.5175 mL | 2.5877 mL | 5.1754 mL | |
| 10 mM | 0.2588 mL | 1.2939 mL | 2.5877 mL | |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Gomisin M1 ((±)-Gomisin M1) is a potent anti-HIV agent with an EC₅₀ of <0.65 μM^[1].

IC₅₀ & Target

HIV-1

In Vitro

Gomisin M1 ((±)-Gomisin M1) (4 days) shows anti-HIV-1 activity with an EC₅₀ of <0.65 μM in H9 T cell lines and therapeutic index (TI) is >68^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chen M, et al. Rubrisandrins A and B, lignans and related anti-HIV compounds from Schisandra rubriflora. J Nat Prod. 2006 Dec;69(12):1697-701.

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

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