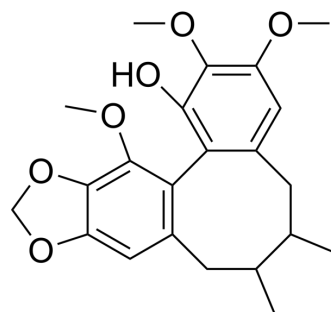


Gomisin M1

Cat. No.: HY-N1529
 CAS No.: 82467-50-3
 Molecular Formula: C₂₂H₂₆O₆
 Molecular Weight: 386.44
 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)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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.

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

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