



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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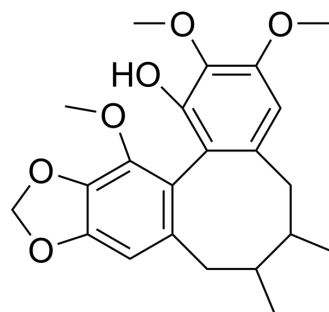
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## Gomisin M1

Cat. No.:	HY-N1529
CAS No.:	82467-50-3
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> O <sub>6</sub>
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 EC<sub>50</sub> of <0.65 μM<sup>[1]</sup>.

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

HIV-1

#### In Vitro

Gomisin M1 ((±)-Gomisin M1) (4 days) shows anti-HIV-1 activity with an EC<sub>50</sub> of <0.65 μM in H9 T cell lines and therapeutic index (TI) is >68<sup>[1]</sup>.

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.

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

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