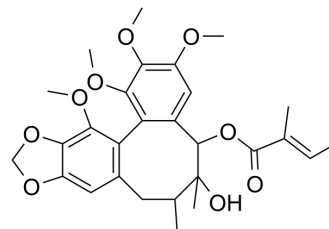


Schisantherin B

Cat. No.:	HY-N0695		
CAS No.:	58546-55-7		
Molecular Formula:	C ₂₈ H ₃₄ O ₉		
Molecular Weight:	514.56		
Target:	Amyloid-β		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (97.17 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9434 mL	9.7170 mL	19.4341 mL
	5 mM	0.3887 mL	1.9434 mL	3.8868 mL
	10 mM	0.1943 mL	0.9717 mL	1.9434 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.86 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.86 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Schisantherin B (Gomisin-B; Wuweizi ester-B; Schisantherin-B) is a natural product.

REFERENCES

- [1]. Liu Jiasen, et al. STUDIES ON THE ACTIVE PRINCIPLES OF SCHISANDRA SPHENANTHERA REHD. ET WILS. THE STRUCTURES OF SCHISANTHERIN A, B, C, D, E, AND THE RELATED COMPOUNDS. Science China Mathematics, 1978, (4)

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

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