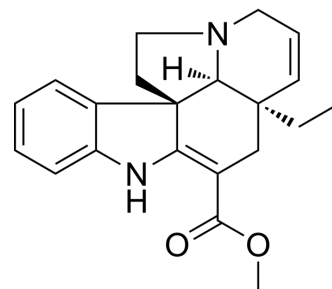


Tabersonine

Cat. No.:	HY-N1431
CAS No.:	4429-63-4
Molecular Formula:	C ₂₁ H ₂₄ N ₂ O ₂
Molecular Weight:	336.43
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (74.31 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9724 mL	14.8619 mL	29.7239 mL
	5 mM	0.5945 mL	2.9724 mL	5.9448 mL
	10 mM	0.2972 mL	1.4862 mL	2.9724 mL

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

BIOLOGICAL ACTIVITY

Description

Tabersonine is an indole alkaloid mainly isolated from *Catharanthus roseus*. Tabersonine disrupts A β (1-42) aggregation and ameliorates A β aggregate-induced cytotoxicity. Tabersonine has anti-inflammatory activities and acts as a potential therapeutic candidate for the treatment of ALI/ARDS^[1].

REFERENCES

[1]. Zhang D, et al. Tabersonine attenuates lipopolysaccharide-induced acute lung injury via suppressing TRAF6 ubiquitination. *Biochem Pharmacol.* 2018 Aug;154:183-192.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA