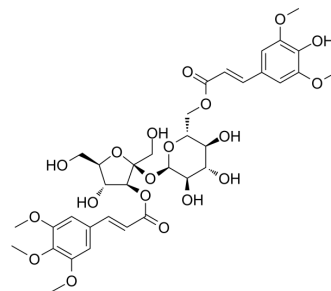


Tenuifoliside C

Cat. No.:	HY-N2586
CAS No.:	139726-37-7
Molecular Formula:	C ₃₅ H ₄₄ O ₁₉
Molecular Weight:	768.71
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (130.09 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.3009 mL	6.5044 mL	13.0088 mL
			5 mM	0.2602 mL	1.3009 mL	2.6018 mL
			10 mM	0.1301 mL	0.6504 mL	1.3009 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.25 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.25 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tenuifoliside C, isolated from polygala tenuifolia willd, significantly inhibits chlorzoxazone 6-hydroxylation catalyzed by CYP2E1 ^[1] .
-------------	---

REFERENCES

[1]. Li ZL, et al. Effect of oligosaccharide esters and polygalaxanthone III from Polygala tenuifolia willd towards cytochrome P450. Zhongguo Zhong Yao Za Zhi. 2014 Nov;39(22):4459-63.

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