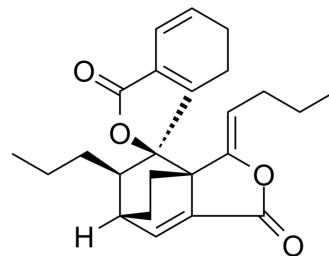


Tokinolide B

Cat. No.:	HY-N1145
CAS No.:	112966-16-2
Molecular Formula:	C ₂₄ H ₂₈ O ₄
Molecular Weight:	380.48
Target:	Others
Pathway:	Others
Storage:	-20°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 (262.83 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.6283 mL	13.1413 mL	26.2826 mL
		5 mM	0.5257 mL	2.6283 mL	5.2565 mL
	10 mM	0.2628 mL	1.3141 mL	2.6283 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 (6.57 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.57 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.57 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Tokinolide B is isolated from the rhizomes of <i>Ligusticum porter</i> ^[1] .
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REFERENCES

[1]. León A, et al. Phthalides and other constituents from *Ligusticum porteri*; sedative and spasmolytic activities of some natural products and derivatives. *Nat Prod Res.* 2011 Aug;25(13):1234-42.

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