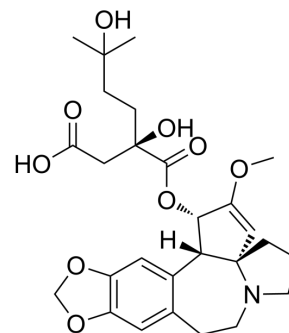


5'-Des-O-methylharringtonine

Cat. No.:	HY-N11758		
CAS No.:	182325-73-1		
Molecular Formula:	C ₂₇ H ₃₅ NO ₉		
Molecular Weight:	517.57		
Target:	Others		
Pathway:	Others		
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 (96.61 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9321 mL	9.6605 mL	19.3211 mL
	5 mM	0.3864 mL	1.9321 mL	3.8642 mL
	10 mM	0.1932 mL	0.9661 mL	1.9321 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: ≥ 1.25 mg/mL (2.42 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.25 mg/mL (2.42 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.25 mg/mL (2.42 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

5'-Des-O-methylharringtonine is a nature product that could be isolated from *Cephalotaxus harringtonia*^[1].

REFERENCES

[1]. Ichiro T, et, al. Alkaloids from *Cephalotaxus harringtonia*. *Phytochemistry*. 1996 Sep;43(1):299-303.

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

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