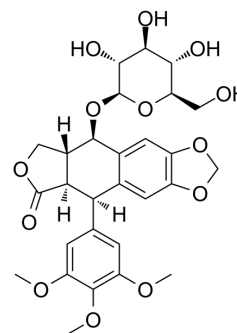


Podophyllotoxin glucoside

Cat. No.:	HY-N1977
CAS No.:	16481-54-2
Molecular Formula:	C ₂₈ H ₃₂ O ₁₃
Molecular Weight:	576.55
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 : 50 mg/mL (86.72 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.7345 mL	8.6723 mL	17.3445 mL
			5 mM	0.3469 mL	1.7345 mL	3.4689 mL
			10 mM	0.1734 mL	0.8672 mL	1.7345 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: ≥ 1.25 mg/mL (2.17 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.17 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.17 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Podophyllotoxin glucoside is a podophyllotoxin derivative, has anti-tumor effects ^[1] .
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REFERENCES

[1]. K R Hande, et al. Etoposide: four decades of development of a topoisomerase II inhibitor. Eur J Cancer

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

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