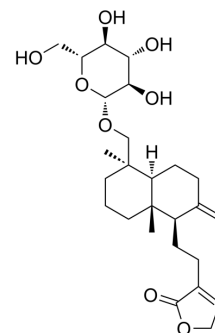


Neoandrographolide

Cat. No.:	HY-N0721
CAS No.:	27215-14-1
Molecular Formula:	C ₂₆ H ₄₀ O ₈
Molecular Weight:	480.59
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 2 years; -20°C, 1 year (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (208.08 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.0808 mL	10.4039 mL	20.8078 mL
		5 mM		0.4162 mL	2.0808 mL	4.1616 mL
		10 mM		0.2081 mL	1.0404 mL	2.0808 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: ≥ 25 mg/mL (52.02 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.20 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.20 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Neoandrographolide is a diterpenoid from the <i>Andrographis paniculata</i> (Acanthaceae).
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REFERENCES

[1]. Tao Yang, et al. Hypolipidemic Effects of Andrographolide and Neoandrographolide in Mice and Rats. *Phytotherapy Research* Volume 27, Issue 4, pages 618–623, April 2013

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

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