Dehydroandrographolide succinate

Cat. No.: HY-N0677

CAS No.: 786593-06-4

Molecular Formula: $C_{28}H_{36}O_{10}$

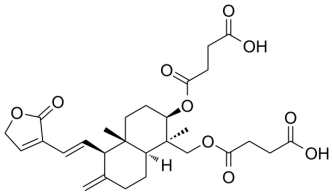
Molecular Weight: 532.58

Target: Influenza Virus

Pathway: Anti-infection

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 (187.77 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8777 mL	9.3883 mL	18.7765 mL
	5 mM	0.3755 mL	1.8777 mL	3.7553 mL
	10 mM	0.1878 mL	0.9388 mL	1.8777 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: ≥ 2.08 mg/mL (3.91 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dehydroandrographolide succinate, extracted from herbal medicine Andrographis paniculata (Burm f) Nees, is widely used for the treatment of viral pneumonia and viral upper respiratory tract infections because of its immunostimulatory, anti-infective and anti-inflammatory effect[1].

REFERENCES

[1]. Chen Q, et al. Pharmacokinetics and tolerance of dehydroandrographolide succinate injection after intravenousadministration in healthy Chinese volunteers. Acta

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