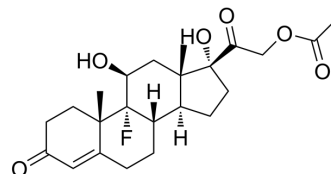


Fludrocortisone acetate

Cat. No.:	HY-B1203A		
CAS No.:	514-36-3		
Molecular Formula:	C ₂₃ H ₃₁ FO ₆		
Molecular Weight:	422.49		
Target:	Mineralocorticoid Receptor; Autophagy		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (118.35 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3669 mL	11.8346 mL	23.6692 mL
	5 mM	0.4734 mL	2.3669 mL	4.7338 mL
	10 mM	0.2367 mL	1.1835 mL	2.3669 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: ≥ 2.5 mg/mL (5.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fludrocortisone acetate (9α-Fludrocortisone acetate) is a synthetic mineralocorticoid with potential use in Addison's disease to reduce urinary sodium loss and to increase blood pressure.

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