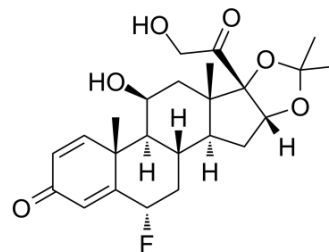


Flunisolide

Cat. No.:	HY-B1121	
CAS No.:	3385-03-3	
Molecular Formula:	C ₂₄ H ₃₁ FO ₆	
Molecular Weight:	434.5	
Target:	Glucocorticoid Receptor	
Pathway:	GPCR/G Protein	
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 : 250 mg/mL (575.37 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3015 mL	11.5075 mL	23.0150 mL
	5 mM	0.4603 mL	2.3015 mL	4.6030 mL
	10 mM	0.2301 mL	1.1507 mL	2.3015 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: ≥ 2.08 mg/mL (4.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (4.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (4.79 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Flunisolide is a corticosteroid often used to treat allergic rhinitis. The principal mechanism of action of Flunisolide is to activate glucocorticoid receptors, meaning it has an anti-inflammatory action.

CUSTOMER VALIDATION

-
- Drug Test Anal. 2020 Aug 27.

See more customer validations on www.MedChemExpress.com

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

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