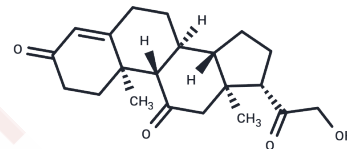


11-Dehydrocorticosterone

Chemical Properties

CAS No. :	72-23-1
Formula:	C ₂₁ H ₂₈ O ₄
Molecular Weight:	344.45
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	11-Dehydrocorticosterone is a metabolite of glucocorticoids, a sodium-retaining agent that increases SGK mRNA expression in cardiac fibroblasts and dose-dependently inhibits aldosterone.
Targets(IC50)	Endogenous Metabolite,Sodium Channel

Solubility Information

Solubility	DMSO: 20 mg/mL (58.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9032 mL	14.5159 mL	29.0318 mL
5 mM	0.5806 mL	2.9032 mL	5.8064 mL
10 mM	0.2903 mL	1.4516 mL	2.9032 mL
50 mM	0.0581 mL	0.2903 mL	0.5806 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Sheppard KE, et al. 11Beta-hydroxysteroid dehydrogenase 1 transforms 11-dehydrocorticosterone into transcriptionally active glucocorticoid in neonatal rat heart. *Endocrinology*. 2002 Jan;143(1):198-204.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481