

Cortodoxone-D7

Chemical Properties

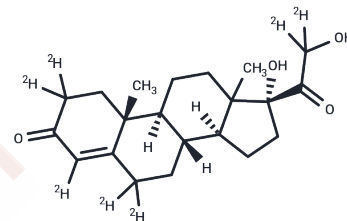
CAS No. :

Formula: C₂₁H₂₃D₇O₄

Molecular Weight: 353.50

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cortodoxone-D7 is a deuterium-labeled form of Cortodoxone. Cortodoxone (T2748) (11-Deoxycortisol; cortexolone) is both a glucocorticoid steroid hormone and a glucocorticoid antagonist. It enhances tryptophan oxygenase (TO) activity and stimulates the secretion of corticosterone. Additionally, Cortodoxone (T2748) regulates the proliferation and activation of T cells.
Targets(IC50)	Glucocorticoid Receptor, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8289 mL	14.1443 mL	28.2885 mL
5 mM	0.5658 mL	2.8289 mL	5.6577 mL
10 mM	0.2829 mL	1.4144 mL	2.8289 mL
50 mM	0.0566 mL	0.2829 mL	0.5658 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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