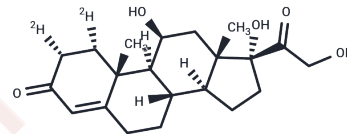


Cortisol-1,2-D2

Chemical Properties

CAS No. :	79037-25-5
Formula:	C ₂₁ H ₂₈ D ₂ O ₅
Molecular Weight:	364.47
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	Cortisol-1,2-D2 is a deuterated compound of Cortisol. Cortisol has a CAS number of 50-23-7. Hydrocortisone, a glucocorticoid receptor agonist, promotes protein catabolism, gluconeogenesis, capillary wall stability, renal excretion of calcium, and suppresses immune and inflammatory responses. Therapeutic Hydrocortisone is a synthetic or semisynthetic analog of natural hydrocortisone hormone produced by the adrenal glands with primary glucocorticoid and minor mineralocorticoid effects.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7437 mL	13.7186 mL	27.4371 mL
5 mM	0.5487 mL	2.7437 mL	5.4874 mL
10 mM	0.2744 mL	1.3719 mL	2.7437 mL
50 mM	0.0549 mL	0.2744 mL	0.5487 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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