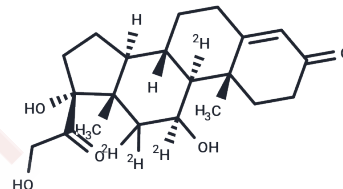


Hydrocortisone-D4

Chemical Properties

CAS No. :	73565-87-4
Formula:	C ₂₁ H ₂₆ D ₄ O ₅
Molecular Weight:	366.48
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	Hydrocortisone-D4 is a deuterated compound of Hydrocortisone. Hydrocortisone (T1614) 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 (T1614) is a synthetic or semisynthetic analog of natural hydrocortisone hormone produced by the adrenal glands with primary glucocorticoid and minor mineralocorticoid effects.
Targets(IC50)	Glucocorticoid Receptor, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7287 mL	13.6433 mL	27.2866 mL
5 mM	0.5457 mL	2.7287 mL	5.4573 mL
10 mM	0.2729 mL	1.3643 mL	2.7287 mL
50 mM	0.0546 mL	0.2729 mL	0.5457 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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