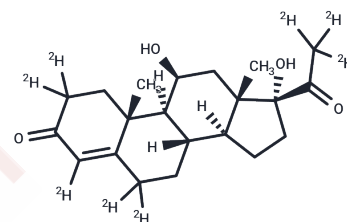


21-Deoxycortisol-D8

Chemical Properties

CAS No. : 2479914-04-8
 Formula: C₂₁H₂₂D₈O₄
 Molecular Weight: 354.51
 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	21-Deoxycortisol-D8 isol-D8 is a deuterated compound of 21-Deoxycortisol. 21-Deoxycortisol (T36915) has a CAS number of 641-77-0. 21-Deoxycortisol (T36915) is a corticosteroid metabolite of 17-hydroxyprogesterone produced in the adrenal gland via 11-hydroxylation by 11 β -hydroxylase. 1,2 Serum levels of 21-deoxycortisol are elevated in patients with congenital adrenal hyperplasia that are heterozygous for mutations in CYP2A21, the gene encoding steroid 21-hydroxylase, and have been used as a biomarker for the detection of 21-hydroxylase deficiencies.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8208 mL	14.104 mL	28.2079 mL
5 mM	0.5642 mL	2.8208 mL	5.6416 mL
10 mM	0.2821 mL	1.4104 mL	2.8208 mL
50 mM	0.0564 mL	0.2821 mL	0.5642 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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