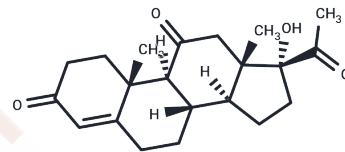


## 21-Deoxy Cortisone

## Chemical Properties

CAS No. :	1882-82-2
Formula:	C <sub>21</sub> H <sub>28</sub> O <sub>4</sub>
Molecular Weight:	344.44
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-Deoxy Cortisone (21-Desoxycortisone; NSC 38722) is a corticosteroid metabolite of 11-ketoprogesterone. It is generated from 11-ketoprogesterone by the cytochrome P450 (CYP) isoform CYP17A1, and can also be produced by oxidation via 11 $\beta$ -hydroxysteroid dehydrogenase type 2 (11 $\beta$ -HSD2) from 21-deoxycorticosterone. In patients with congenital adrenal hyperplasia, a metabolic disorder characterized by a deficiency of 21-hydroxylase, levels of 21-Deoxy Cortisone are elevated.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9033 mL	14.5163 mL	29.0326 mL
5 mM	0.5807 mL	2.9033 mL	5.8065 mL
10 mM	0.2903 mL	1.4516 mL	2.9033 mL
50 mM	0.0581 mL	0.2903 mL	0.5807 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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