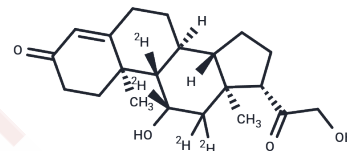


## Corticosterone-D4

### Chemical Properties

CAS No. : 2243253-91-8  
 Formula: C<sub>21</sub>H<sub>30</sub>O<sub>4</sub>  
 Molecular Weight: 350.49  
 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	Corticosterone-D4 is the deuterated form of Corticosterone (TMSM-0814). Corticosterone, an adrenal corticosteroid, exhibits moderately significant activity as both a mineralocorticoid and a glucocorticoid.
Targets(IC50)	Glucocorticoid Receptor, Endogenous Metabolite

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8531 mL	14.2657 mL	28.5315 mL
5 mM	0.5706 mL	2.8531 mL	5.7063 mL
10 mM	0.2853 mL	1.4266 mL	2.8531 mL
50 mM	0.0571 mL	0.2853 mL	0.5706 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.

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