

## Dexamethasone-D4

## Chemical Properties

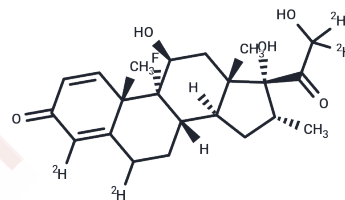
CAS No. :

Formula: C<sub>22</sub>H<sub>25</sub>D<sub>4</sub>FO<sub>5</sub>

Molecular Weight: 396.49

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

Dexamethasone-D4 is a deuterated compound of Dexamethasone. Dexamethasone (T1076) has a CAS number of 50-02-2. Dexamethasone (T1076) is a glucocorticoid receptor agonist and an IL receptor modulator. Dexamethasone inhibits production of exosomes containing inflammatory microRNA-155 in lipopolysaccharide-induced macrophage inflammatory responses

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5221 mL	12.6107 mL	25.2213 mL
5 mM	0.5044 mL	2.5221 mL	5.0443 mL
10 mM	0.2522 mL	1.2611 mL	2.5221 mL
50 mM	0.0504 mL	0.2522 mL	0.5044 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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