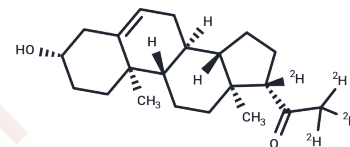


## Pregnenolone-D4

### Chemical Properties

CAS No. : 61574-54-7  
 Formula: C<sub>21</sub>H<sub>28</sub>D<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 320.5  
 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	Pregnenolone-D4 is a deuterated compound of Pregnenolone. Pregnenolone (T0851) has a CAS number of 145-13-1. Pregnenolone (T0851) is an endogenous steroid hormone synthesized from cholesterol, used in the treatment of Alzheimer's disease.
Targets(IC50)	Cannabinoid Receptor, Endogenous Metabolite, Autophagy, TRP/TRPV Channel

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1201 mL	15.6006 mL	31.2012 mL
5 mM	0.624 mL	3.1201 mL	6.2402 mL
10 mM	0.312 mL	1.5601 mL	3.1201 mL
50 mM	0.0624 mL	0.312 mL	0.624 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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