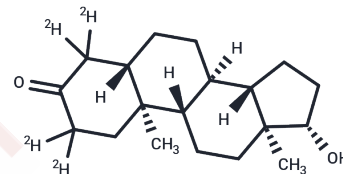


5 $\alpha$ -Dihydrotestosterone-D4

## Chemical Properties

CAS No. :	5295-66-9
Formula:	C <sub>19</sub> H <sub>26</sub> D <sub>4</sub> O <sub>2</sub>
Molecular Weight:	294.46
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	5 $\alpha$ -Dihydrotestosterone-D4 is a deuterated compound of 5 $\alpha$ -Dihydrotestosterone. 5 $\alpha$ -Dihydrotestosterone (T84319) has a CAS number of 521-18-6. Dihydrotestosterone is a potent androgenic metabolite of testosterone. It is an agonist of the androgen receptor.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.396 mL	16.9802 mL	33.9605 mL
5 mM	0.6792 mL	3.396 mL	6.7921 mL
10 mM	0.3396 mL	1.698 mL	3.396 mL
50 mM	0.0679 mL	0.3396 mL	0.6792 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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