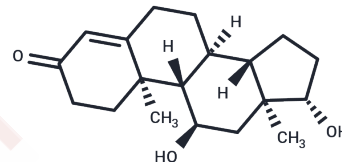


11 $\alpha$ -hydroxy Testosterone

## Chemical Properties

CAS No. :	3066-12-4
Formula:	C <sub>19</sub> H <sub>28</sub> O <sub>3</sub>
Molecular Weight:	304.4
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	11 $\alpha$ -Hydroxy Testosterone, a testosterone metabolite, is synthesized by the cytochrome P450 (CYP) isoform CYP3A.1, and can alternatively be produced from testosterone by a CYP107A1 mutant or from 11 $\alpha$ -hydroxy progesterone by the fungus <i>B. bassiana</i> . <sup>2,3</sup> The biological activity of 11 $\alpha$ -Hydroxy Testosterone remains unclear.
Targets(IC50)	Others, Progesterone Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2852 mL	16.4258 mL	32.8515 mL
5 mM	0.657 mL	3.2852 mL	6.5703 mL
10 mM	0.3285 mL	1.6426 mL	3.2852 mL
50 mM	0.0657 mL	0.3285 mL	0.657 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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