

## Dydrogesterone-D6

## Chemical Properties

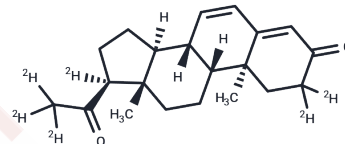
CAS No. :

Formula: C<sub>21</sub>H<sub>22</sub>D<sub>6</sub>O<sub>2</sub>

Molecular Weight: 318.48

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

Dydrogesterone-D6 is a deuterated compound of Dydrogesterone. Dydrogesterone (T3036) has a CAS number of 152-62-5. Dydrogesterone (T3036) is a potent progestogen which can be used in progesterone deficiency studies.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1399 mL	15.6996 mL	31.3991 mL
5 mM	0.628 mL	3.1399 mL	6.2798 mL
10 mM	0.314 mL	1.570 mL	3.1399 mL
50 mM	0.0628 mL	0.314 mL	0.628 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.

## Reference

- Griesinger G, et al. Dydrogesterone as an oral alternative to vaginal progesterone for IVF luteal phase support: A systematic review and individual participant data meta-analysis. PLoS One. 2020 Nov 4;15(11):e0241044.

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