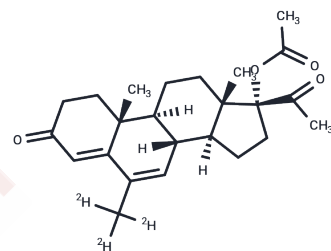


## Megestrol Acetate-D3

## Chemical Properties

CAS No. :	162462-72-8
Formula:	C <sub>24</sub> H <sub>29</sub> D <sub>3</sub> O <sub>4</sub>
Molecular Weight:	387.53
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	Megestrol Acetate-D3 is a deuterated compound of Megestrol Acetate. Megestrol Acetate (T1284) has a CAS number of 595-33-5. Megestrol acetate is a progestogen with actions and uses similar to those of the progestogens in general. Megestrol acetate also has anti-androgenic properties. It is given by mouth in the palliative treatment or as an adjunct to other therapy in endometrial carcinoma and in breast cancer. Megestrol acetate has been approved to treat anorexia and cachexia.
Targets(IC50)	HIV Protease, Autophagy, Progesterone Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5804 mL	12.9022 mL	25.8045 mL
5 mM	0.5161 mL	2.5804 mL	5.1609 mL
10 mM	0.258 mL	1.2902 mL	2.5804 mL
50 mM	0.0516 mL	0.258 mL	0.5161 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

Kelicen Ugur P, et al. Eur J Pharmacol, 2011, 654(3), 217-225.

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