

## Medroxyprogesterone 17-Acetate-D3

### Chemical Properties

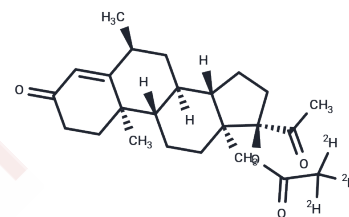
CAS No. :

Formula: C<sub>24</sub>H<sub>31</sub>D<sub>3</sub>O<sub>4</sub>

Molecular Weight: 389.54

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	Medroxyprogesterone 17-Acetate-D3 is a deuterated compound of Medroxyprogesterone 17-Acetate. Medroxyprogesterone 17-Acetate (T1261) has a CAS number of 71-58-9. Medroxyprogesterone acetate is a synthetic progestin that is derived from 17-hydroxyprogesterone. It is a long-acting contraceptive that is effective both orally or by intramuscular injection and has also been used to treat breast and endometrial neoplasms.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5671 mL	12.8357 mL	25.6713 mL
5 mM	0.5134 mL	2.5671 mL	5.1343 mL
10 mM	0.2567 mL	1.2836 mL	2.5671 mL
50 mM	0.0513 mL	0.2567 mL	0.5134 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

1. Ciriza I, et al. J Neurobiol,2006, 66(9), 916-928.

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