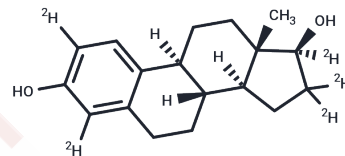


## 17β-Estradiol-2,4,16,16,17-D5

### Chemical Properties

CAS No. :	221093-45-4
Formula:	C <sub>18</sub> H <sub>19</sub> D <sub>5</sub> O <sub>2</sub>
Molecular Weight:	277.41
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	17β-Estradiol-2,4,16,16,17-D5 is a deuterated compound of 17β-Estradiol. 17β-Estradiol (T1048) has a CAS number of 50-28-2. Estradiol is an Estrogen. The mechanism of action of estradiol is as an Estrogen Receptor Agonist.
Targets(IC50)	Estrogen Receptor/ERR,Endogenous Metabolite

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6048 mL	18.0239 mL	36.0477 mL
5 mM	0.721 mL	3.6048 mL	7.2095 mL
10 mM	0.3605 mL	1.8024 mL	3.6048 mL
50 mM	0.0721 mL	0.3605 mL	0.721 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.

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