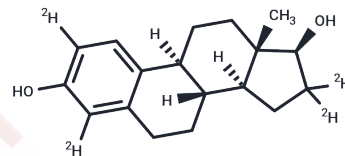


17 β -estradiol-D4

Chemical Properties

CAS No. :	66789-03-5
Formula:	C ₁₈ H ₂₀ D ₄ O ₂
Molecular Weight:	276.41
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	17 β -estradiol-D4 is a deuterated compound of 17 β -estradiol. 17 β -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	3.6178 mL	18.0891 mL	36.1781 mL
5 mM	0.7236 mL	3.6178 mL	7.2356 mL
10 mM	0.3618 mL	1.8089 mL	3.6178 mL
50 mM	0.0724 mL	0.3618 mL	0.7236 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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