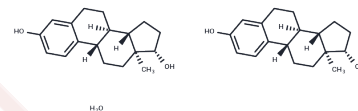


Estradiol hemihydrate

Chemical Properties

CAS No. : 35380-71-3
 Formula: C₁₈H₂₆O₃
 Molecular Weight: 281.39
 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	Estradiol (β -Estradiol) hemihydrate, a key female sex hormone and steroid, plays a significant role in up-regulating neural markers in human endometrial stem cells (hEnSCs) and facilitating their neural differentiation. It is also utilized in research focused on cancers, neurodegenerative diseases, and neural tissue engineering.
Targets(IC50)	Estrogen Receptor/ERR,Others,Endogenous Metabolite,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5538 mL	17.7689 mL	35.5379 mL
5 mM	0.7108 mL	3.5538 mL	7.1076 mL
10 mM	0.3554 mL	1.7769 mL	3.5538 mL
50 mM	0.0711 mL	0.3554 mL	0.7108 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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