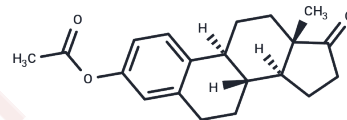


Estrone acetate

Chemical Properties

CAS No. :	901-93-9
Formula:	C ₂₀ H ₂₄ O ₃
Molecular Weight:	312.403
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	Estrone acetate (Hogival) is an estrogen derivative and an activator of estrogen receptors (ER). This compound can enhance breast development, stimulate the secretion of pituitary prolactin, and induce both the proliferation and activation of lactotrophs, evidenced by the reduction in prolactin storage granule size and the increase in the volume density of the rough endoplasmic reticulum and Golgi apparatus. Estrone acetate holds potential for endocrinological research and for investigating the mechanisms by which estrogen influences pituitary function, prolactin regulation, and breast tumor models.
Targets(IC50)	Estrogen Receptor/ERR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.201 mL	16.0051 mL	32.0102 mL
5 mM	0.6402 mL	3.201 mL	6.402 mL
10 mM	0.3201 mL	1.6005 mL	3.201 mL
50 mM	0.064 mL	0.3201 mL	0.6402 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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