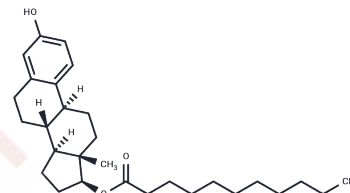


Estradiol undecylate

Chemical Properties

CAS No. :	3571-53-7
Formula:	C ₂₉ H ₄₄ O ₃
Molecular Weight:	440.66
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 undecylate can be used in the treatment of prostatic cancer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2693 mL	11.3466 mL	22.6932 mL
5 mM	0.4539 mL	2.2693 mL	4.5386 mL
10 mM	0.2269 mL	1.1347 mL	2.2693 mL
50 mM	0.0454 mL	0.2269 mL	0.4539 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

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Bukhari AR, Guessab A, Nicol ML. Hormone mediated changes in monoamine stores and regulation of enzymes of biosynthesis and metabolism in the rat adrenal gland. Influence of progesterone, estradiol, ACTH and testosterone administration. *Steroids*. 1981 Jul;38(1):1-10. PubMed PMID: 6270850.

Spona J, Lunglmayr G. [Serum prolactin levels during therapy of prostatic cancer with oestradiol-17 beta-undecylate and cyproterone acetate (author's transl)]. *Wien Klin Wochenschr*. 1980 Jul 4;92(14):494-7. German. PubMed PMID: 6933738.

Jacobi GH, Altwein JE, Kurth KH, Basting R, Hohenfellner R. Treatment of advanced prostatic cancer with parenteral cyproterone acetate: a phase III randomised trial. *Br J Urol*. 1980 Jun;52(3):208-15. PubMed PMID: 7000222.

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