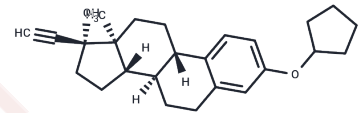


Quinestrol

Chemical Properties

CAS No. :	152-43-2
Formula:	C ₂₅ H ₃₂ O ₂
Molecular Weight:	364.52
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	Quinestrol (Ethinylestradiol 3-cyclopentyl ether) is a synthetic estrogen, applied in hormone replacement therapy, and occasionally to use in cancer and prostate cancer treatment.
Targets(IC50)	Estrogen Receptor/ERR, Estrogen/progestogen Receptor

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7433 mL	13.7167 mL	27.4333 mL
5 mM	0.5487 mL	2.7433 mL	5.4867 mL
10 mM	0.2743 mL	1.3717 mL	2.7433 mL
50 mM	0.0549 mL	0.2743 mL	0.5487 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

Shyu C, et al. Toxicol Appl Pharmacol. 2010 Nov 12.

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