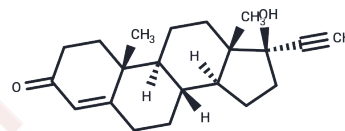


Ethisterone

Chemical Properties

CAS No. :	434-03-7
Formula:	C ₂₁ H ₂₈ O ₂
Molecular Weight:	312.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ethisterone (17 α -Ethynyltestosterone) is a progestogen hormone.
Targets(IC50)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor
In vitro	In mice, daily administration of Ethisterone at doses ranging from 40 μ g to 5 mg over a period of six days stimulates an increase in body weight.

Solubility Information

Solubility	DMSO: 3.53 mg/mL (11.3 mM),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	3.2005 mL	16.0026 mL	32.0051 mL
5 mM	0.6401 mL	3.2005 mL	6.401 mL
10 mM	0.3201 mL	1.6003 mL	3.2005 mL
50 mM	0.064 mL	0.3201 mL	0.6401 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.

Reference

Herbai G, et al. Acta Pharmacol Toxicol (Copenh), 1971, 29(23), 177-193.

HIROSHI UWA, et al. Development, Growth & Differentiation, 1976, 18(3), 279-288.

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