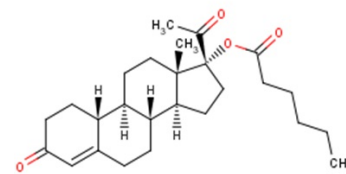


Gestonorone Capronate

Chemical Properties

CAS No.:	1253-28-7
Formula:	C ₂₆ H ₃₈ O ₄
Molecular Weight:	414.58
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Gestonorone Capronate is a progesterone used to treat benign prostatic hyperplasia and endometrial cancer.
Targets(IC ₅₀)	Others: None
In vitro	The administration of gestonorone capronate impedes testosterone reduction. The oxydation pathway remains uninfluenced. This inhibition of the formation of 5 α -reduction products is present at the lowest dose of gestonorone capronate and is augmented progressively with increasing gestonorone capronate concentration.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.412 mL	12.06 mL	24.121 mL
5 mM	0.482 mL	2.412 mL	4.824 mL
10 mM	0.241 mL	1.206 mL	2.412 mL
50 mM	0.048 mL	0.241 mL	0.482 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Orestano F, et al. Mode of action of progesterone, gestonorone capronate (Depostat) and cyproterone acetate (Androcur) on the metabolism of testosterone in human prostatic adenoma: in vitro and in vivo investigations. J Steroid Biochem. 1975 Jun;6(6):845-51.

Inhibitors · Natural Compounds · Compound Libraries

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