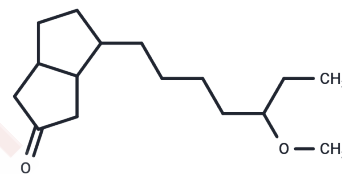


cioteronel

Chemical Properties

CAS No. : 89672-11-7
 Formula: C₁₆H₂₈O₂
 Molecular Weight: 252.39
 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	Cioteronel is an antineoplastic compound with antiandrogenic activities. The antineoplastic action of CPC 10997 appears to be the inhibition of RNA synthesis in vitro. Although it blocks competitively the binding of dihydrotestosterone (DHT) to its protein receptor, it has no significant effects on either estrogen or progesterone receptors.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9621 mL	19.8106 mL	39.6212 mL
5 mM	0.7924 mL	3.9621 mL	7.9242 mL
10 mM	0.3962 mL	1.9811 mL	3.9621 mL
50 mM	0.0792 mL	0.3962 mL	0.7924 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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