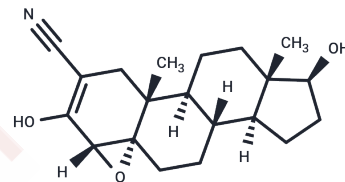


Trilostane

Chemical Properties

CAS No. : 13647-35-3
 Formula: C₂₀H₂₇NO₃
 Molecular Weight: 329.43
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Trilostane (Win 24540) is a synthetic androstane derivative with adrenocortical suppressive properties, reversibly inhibiting 3 beta-hydroxysteroid dehydrogenase delta [5-4] isomerase in the adrenal cortex.
Targets(IC50)	Dehydrogenase
In vitro	In MCF-7, Trilostane affects the transcription of genes involved in cell cycle regulation, cell adhesion and matrix formation.
In vivo	In MCF-7, Trilostane affects the transcription of genes involved in cell cycle regulation, cell adhesion and matrix formation.

Solubility Information

Solubility	DMSO: 45 mg/mL (136.6 mM), Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0355 mL	15.1777 mL	30.3555 mL
5 mM	0.6071 mL	3.0355 mL	6.0711 mL
10 mM	0.3036 mL	1.5178 mL	3.0355 mL
50 mM	0.0607 mL	0.3036 mL	0.6071 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

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Galac S, et al. Vet J,2010, 183(1), 75-80.
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Neiger R, et al. J Vet Intern Med,2004, 18(2), 160-164.
Wenger M, et al. Am J Vet Res,2004, 65(9), 1245-1250.

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