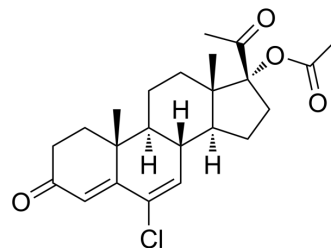


Chlormadinone acetate

Cat. No.:	HY-B1095		
CAS No.:	302-22-7		
Molecular Formula:	C ₂₃ H ₂₉ ClO ₄		
Molecular Weight:	404.93		
Target:	Progesterone Receptor		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (24.70 mM; Need ultrasonic)
 H₂O : 1 mg/mL (2.47 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4696 mL	12.3478 mL	24.6956 mL
	5 mM	0.4939 mL	2.4696 mL	4.9391 mL
	10 mM	0.2470 mL	1.2348 mL	2.4696 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 1 mg/mL (2.47 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 1 mg/mL (2.47 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 1 mg/mL (2.47 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Chlormadinone acetate is a steroidal progestin, with antiandrogen and antiestrogenic effects.

CUSTOMER VALIDATION

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- BMC Cancer. 2023 Nov 13;23(1):1102.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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