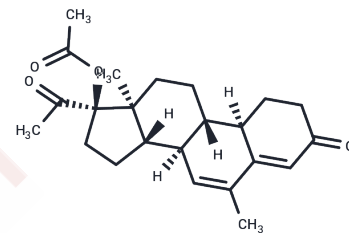


Nomegestrol acetate

Chemical Properties

CAS No. :	58652-20-3
Formula:	C ₂₃ H ₃₀ O ₄
Molecular Weight:	370.48
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	Nomegestrol acetate is a widely used progestin-like drug, which is characterized as a full agonist at the progesterone receptor
Targets(IC50)	Progesterone Receptor

Solubility Information

Solubility	DMSO: 62.5 mg/mL (168.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.4 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6992 mL	13.496 mL	26.992 mL
5 mM	0.5398 mL	2.6992 mL	5.3984 mL
10 mM	0.2699 mL	1.3496 mL	2.6992 mL
50 mM	0.054 mL	0.2699 mL	0.5398 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.

Reference

Pierre-Olivier, Champagne, Thibault, et al. Combined hormonal influence of cyproterone acetate and nomegestrol acetate on meningioma: a case report.[J]. Acta Neurochirurgica, 2019.

Mueck AO, et al. Nomegestrol acetate, a novel progestogen for oral contraception. Steroids. 2011 May;76(6):531-9.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481