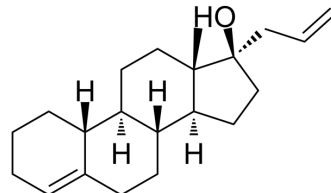


Allylestrenol

Cat. No.:	HY-17375		
CAS No.:	432-60-0		
Molecular Formula:	C ₂₁ H ₃₂ O		
Molecular Weight:	300.48		
Target:	Others		
Pathway:	Others		
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 : ≥ 50 mg/mL (166.40 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3280 mL	16.6400 mL	33.2801 mL
	5 mM	0.6656 mL	3.3280 mL	6.6560 mL
	10 mM	0.3328 mL	1.6640 mL	3.3280 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: ≥ 2.5 mg/mL (8.32 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (8.32 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (8.32 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Allylestrenol, a synthetic sexualsteroid, is used worldwide in case of endangered pregnancies.

REFERENCES

[1]. Pap E, et al. Effect of prenatal allylestrenol treatment (hormonal imprinting) on the serum testosterone and progesterone level in adult rats. Gen Pharmacol. 1995 Mar;26(2):365-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA