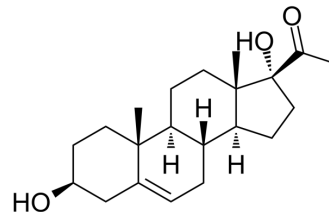


17a-Hydroxypregnenolone

Cat. No.:	HY-113263		
CAS No.:	387-79-1		
Molecular Formula:	C ₂₁ H ₃₂ O ₃		
Molecular Weight:	332.48		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 8.33 mg/mL (25.05 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.0077 mL	15.0385 mL	30.0770 mL
		5 mM	0.6015 mL	3.0077 mL	6.0154 mL
		10 mM	0.3008 mL	1.5038 mL	3.0077 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 0.83 mg/mL (2.50 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.83 mg/mL (2.50 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.83 mg/mL (2.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	17a-Hydroxypregnenolone is a pregnane steroid. 17a-Hydroxypregnenolone is a prohormone in the formation of dehydroepiandrosterone (DHEA).
IC₅₀ & Target	Human Endogenous Metabolite

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