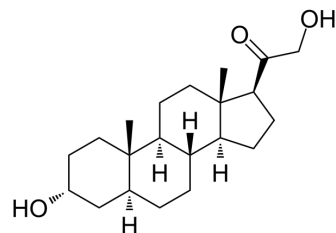


3 α ,21-Dihydroxy-5 α -pregnan-20-one

Cat. No.:	HY-123489	
CAS No.:	567-02-2	
Molecular Formula:	C ₂₁ H ₃₄ O ₃	
Molecular Weight:	334.49	
Target:	GABA Receptor	
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (298.96 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9896 mL	14.9481 mL	29.8963 mL
5 mM	0.5979 mL	2.9896 mL	5.9793 mL
10 mM	0.2990 mL	1.4948 mL	2.9896 mL

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

BIOLOGICAL ACTIVITY

Description

3 α ,21-Dihydroxy-5 α -pregnan-20-one (THDOC), an endogenous neurosteroid, is a positive modulator of GABA_A receptors. 3 α ,21-Dihydroxy-5 α -pregnan-20-one potentiates neuronal response to low concentrations of GABA at α 4 β 1 δ GABA_A receptors in vitro.

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

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