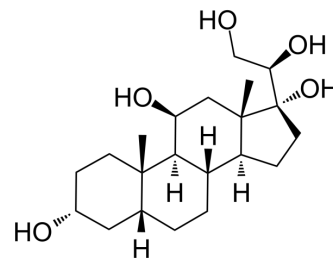


Beta-Cortol

Cat. No.:	HY-113418		
CAS No.:	667-65-2		
Molecular Formula:	C ₂₁ H ₃₆ O ₅		
Molecular Weight:	368.51		
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 : 100 mg/mL (271.36 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.7136 mL	13.5682 mL	27.1363 mL
			5 mM	0.5427 mL	2.7136 mL	5.4273 mL
			10 mM	0.2714 mL	1.3568 mL	2.7136 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: ≥ 2.5 mg/mL (6.78 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.78 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.78 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Beta-Cortol is an androgen metabolite present in adults.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

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

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