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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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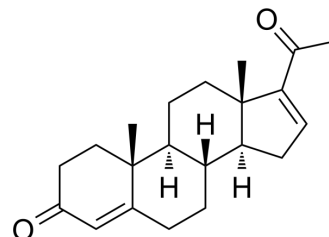
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16-Dehydroprogesterone

Cat. No.:	HY-128378
CAS No.:	1096-38-4
Molecular Formula:	C ₂₁ H ₂₈ O ₂
Molecular Weight:	312.45
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 20 mg/mL (64.01 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	3.2005 mL	16.0026 mL	32.0051 mL
		5 mM	0.6401 mL	3.2005 mL	6.4010 mL
		10 mM	0.3201 mL	1.6003 mL	3.2005 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: ≥ 2.08 mg/mL (6.66 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.66 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2 mg/mL (6.40 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	16-Dehydroprogesterone is a steroidal progestin.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Glass TL, et al. Stimulation of 16-dehydroprogesterone and progesterone reductases of Eubacterium sp. strain 144 by hemin and hydrogen or pyruvate. Appl Environ

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

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