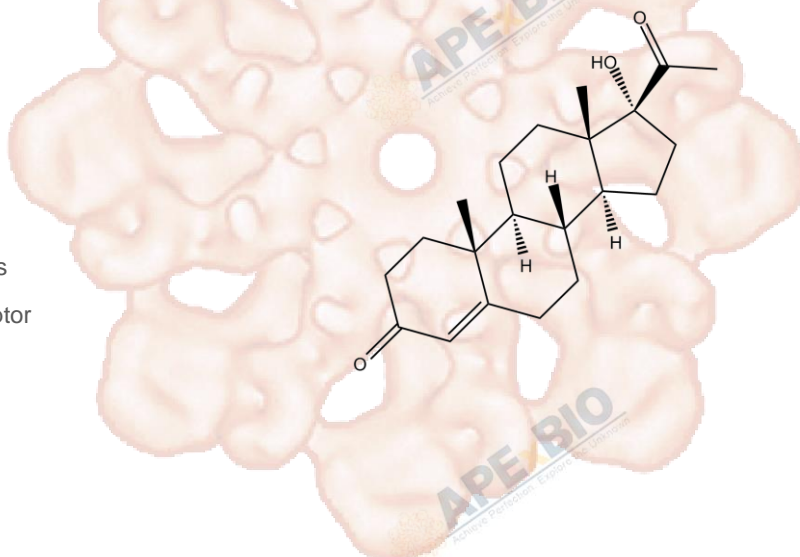


# Product Data Sheet

## 17-Hydroxyprogesterone

<b>Cat. No.:</b>	B6126
<b>CAS No.:</b>	68-96-2
<b>Formula:</b>	C <sub>21</sub> H <sub>30</sub> O <sub>3</sub>
<b>M.Wt:</b>	330.46
<b>Synonyms:</b>	
<b>Target:</b>	Endocrinology and Hormones
<b>Pathway:</b>	Estrogen/progestogen Receptor
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 16$  mg/mL in EtOH with gentle warming;  $\geq 31.6$  mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	3.0261 mL	15.1304 mL	30.2608 mL
	<b>5 mM</b>	0.6052 mL	3.0261 mL	6.0522 mL
	<b>10 mM</b>	0.3026 mL	1.5130 mL	3.0261 mL

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

### Biological Activity

Shortsummary

endogenous progestogen as well as chemical intermediate in the biosynthesis of other steroid hormones

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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