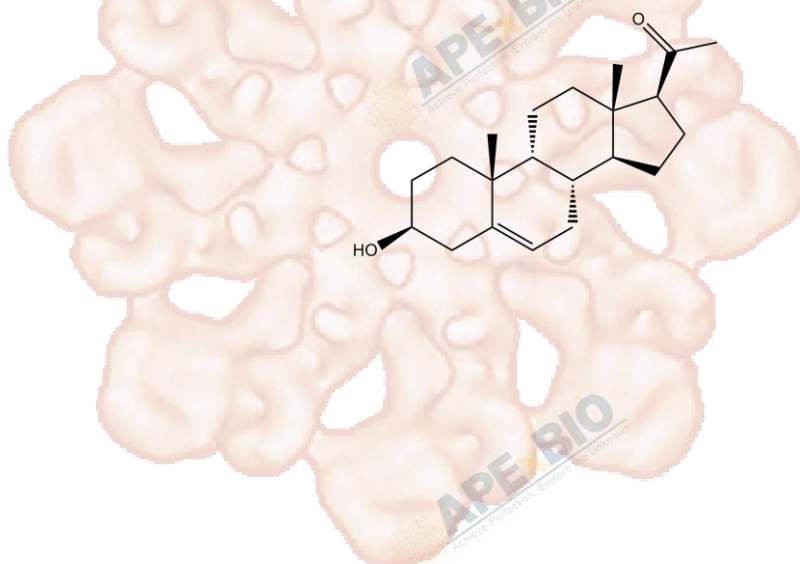


# Product Data Sheet

## Pregnenolone

<b>Cat. No.:</b>	B1512
<b>CAS No.:</b>	145-13-1
<b>Formula:</b>	C21H32O2
<b>M.Wt:</b>	316.48
<b>Synonyms:</b>	
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	AChR
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 15.82$  mg/mL in DMSO with gentle warming;  $\geq 2.42$  mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		<b>1 mM</b>	3.1598 mL	15.7988 mL	31.5976 mL
		<b>5 mM</b>	0.6320 mL	3.1598 mL	6.3195 mL
		<b>10 mM</b>	0.3160 mL	1.5799 mL	3.1598 mL

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

### Biological Activity

Shortsummary

steroid hormone

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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