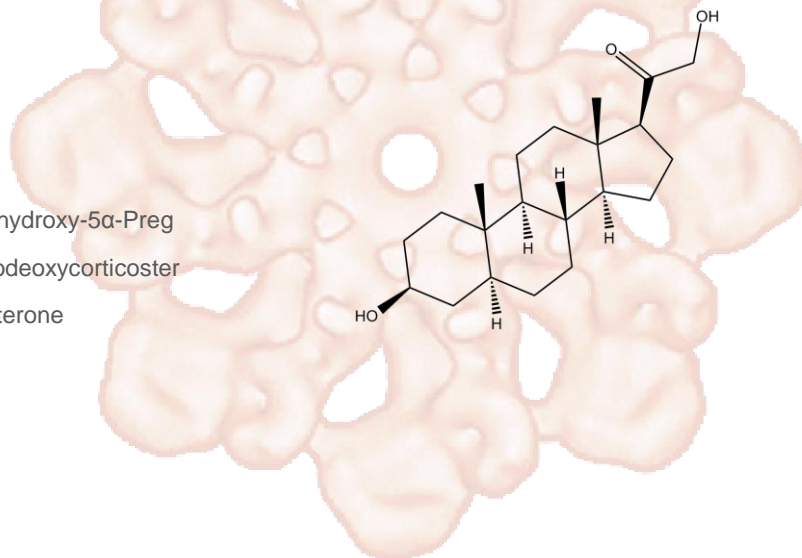


## Epiallopregnanolone

<b>Cat. No.:</b>	C4172
<b>CAS No.:</b>	567-01-1
<b>Formula:</b>	C <sub>21</sub> H <sub>34</sub> O <sub>3</sub>
<b>M.Wt:</b>	334.5
<b>Synonyms:</b>	5 $\alpha$ -Pregnan-20-one, 3 $\beta$ , 21-dihydroxy-5 $\alpha$ -Pregnan-20-one, 3 $\beta$ , 5 $\alpha$ -Tetrahydrodeoxycorticosterone, 3 $\beta$ , 5 $\alpha$ -Tetrahydroprogesterone
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	GABA Receptor
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≤25mg/ml in ethanol; 25mg/ml in DMSO; 25mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
	1 mM		2.9895 mL	14.9477 mL	29.8954 mL
	5 mM		0.5979 mL	2.9895 mL	5.9791 mL
	10 mM		0.2990 mL	1.4948 mL	2.9895 mL

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

## Biological Activity

Shortsummary

inactive as a GABA<sub>A</sub> receptor modulator and used as a control substance to examine GABA neurotransmission.

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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