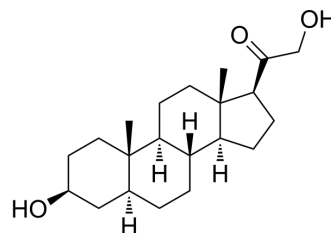


Epiallopregnanolone

Cat. No.:	HY-124463
CAS No.:	567-01-1
Molecular Formula:	C ₂₁ H ₃₄ O ₃
Molecular Weight:	334.49
Target:	GABA Receptor; iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Epiallopregnanolone (5α,3β-THDOC), a 3β-hydroxy neurosteroid, an antagonist at GABA _A receptors and a NMDA receptor enhancer ^[1] .								
In Vivo	<p>Epiallopregnanolone (5α,3β-THDOC; 1-100 mg/kg; ip) inhibits seizures induced by Pilocarpine in mice (ED₅₀ of 45.9 mg/kg)^[2].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Male Swiss mice (25-30 g) injected with Pilocarpine^[2]</td> </tr> <tr> <td>Dosage:</td> <td>1-100 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>ip; once</td> </tr> <tr> <td>Result:</td> <td>Inhibited seizures induced by Pilocarpine.</td> </tr> </table>	Animal Model:	Male Swiss mice (25-30 g) injected with Pilocarpine ^[2]	Dosage:	1-100 mg/kg	Administration:	ip; once	Result:	Inhibited seizures induced by Pilocarpine.
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Result:	Inhibited seizures induced by Pilocarpine.								

REFERENCES

[1]. Brett C Ginsburg, et al. Alphaxalone and epiallopregnanolone in rats trained to discriminate ethanol. Alcohol Clin Exp Res. 2005 Sep;29(9):1621-9.

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

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