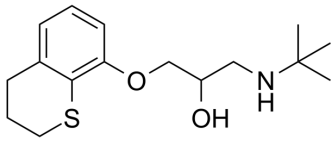
Tertatolol

Cat. No.:	HY-U00356
CAS No.:	83688-84-0
Molecular Formula:	$C_{16}H_{25}NO_2S$
Molecular Weight:	295.44
Target:	Adrenergic Receptor; 5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tertatolol is a potent antagonist of beta-adrenoceptor and 5-HT receptor, with unique renal vasodilatatory effects.
In Vitro	In serum-free media, tertatolol does not significantly alter the incorporation of ^{3}H-thymidine after 28 h of incubation in human mesangial cell (HMC). In the presence of 1% serum, tertatolol significantly reduces ^{3}H-thymidine incorporation. Tertatolol also inhibits ^{3}H incorporation when PDGF and thrombin are used as the stimulus. Tertatolol inhibits the reduction in planar surface area of HMC induced by angiotensin II. The inhibitory effect of tertatolol on HMC proliferation is also potentiated by ritanserin and MDL 72222, 5HT2 and 5HT3 antagonists, respectively[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shultz P, et al. Tertatolol: a beta-blocker with unique effects on human glomerular cell function. Cardiology. 1993;83 Suppl 1:51-6.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA