Terbufibrol

| Cat. No.: CAS No.: Molecular Formula: Molecular Weight: Target: Pathway: Storage: | HY-101812 56488-59-6 C ₂₀ H ₂₄ O ₅ 344.4 Others Others Please store the product under the recommended conditions in the Certificate of Analysis. | И СПО СНОВНИ СПОВНИИ СПОВИ СПОВНИИ СПОВИ СПОВИ СПОВИ СПОВИ СПОВИ СПОВИ СПОВИ С СПОВИ ССИВИ ССИВИ СПОВИ С СПОВИ СТИВИ СТИВИ С СПОВИ СО СПОВИ СО С С С СПОВИ СО СТИВИ СО С СТИВ |
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| Diological Activity | | |
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| Description | Terbufibrol has been shown highly active in reducing serum total cholesterol (TC) levels in the normal and hypercholesterolemic male rat. | |
| In Vivo | Terbufibrol (20-200 mg/kg) is active in lowering serum TC in animals on all 3 diets, but the extent of cholesterol reduction varies in the order cholesterol (HC)>high protein and fat diet (HPF)>N (max. reductions: 154, 80, and 70%, respectively). Clofibrate (200 mg/kg) decreases TC by a maximum of 28% with the HPF-diet and 13% with the N-diet but is inactive with the HC-diet. Cholestyramine (400 mg/kg/day) is inactive in HPF-fed animals but reduces TC in HC-fed animals by 45%. With the HPF-diet nicotinic acid (200 mg/kg) is inactive. Terbufibrol lowers HDL, HDL-TC, LDL, LDL-TC and LDL-TC/PL in animals fed HPF-diet. A greater decrease of LDL-TC occurres with increasing dose. The main effect of Clofibrate (200 mg/kg) is to reduce HDL and HDL-TC and to increase LDL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. | |

| PROTOCOL | |
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| Animal Administration ^[1] | Baboon ^[1] Eighteen baboons (9 male, 9 female) are given the N-diet throughout, divided into 3 groups of 6 animals, and treated with Terbufibrol for 8 weeks, as follows: Group 1: control; Group 2: 50 mg/kg per day; Group 3: 200 mg/kg per day. MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Howard AN, et al. The hypocholesterolemic effect of terbufibrol and other drugs in normal and hypercholesterolemic baboons. Atherosclerosis. 1979 Apr;32(4):367-80.

Proteins

Product Data Sheet



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

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