

Rodent and Human Trials of the Testosterone Modulating Experimental Nutraceutical Taxadrol

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Abstract

Background: Testosterone therapy is commonly used by individuals dealing with testosterone deficiency (TD). TD affects older men and athletes with a history of anabolic steroid use. In this study a novel nutraceutical product, Taxadrol, was tested in rodents and human subjects to assess toxicity and activity as a testosterone therapy.

Materials: Taxadrol, consisting of a proprietary mixture of natural products, was tested for toxicity and efficacy in rodents and humans.

Results: Rodents examined at 10, 17, 24 and 7 days post withdrawal of Taxadrol were found to have increases in free and total testosterone compared to control animals when given 4 and 8 mg/kg doses. An average of 180% improvement in testosterone levels were also noted in two human subjects who ingested a 30 mg per day dose of Taxadrol.

Conclusion: Increases in free and total testosterone were noted in rodent models with no signs of toxicity. Taxadrol was additionally shown to effectively raise testosterone levels in two male athletes with no major side effects.

Keywords: Testosterone; Hormone therapy; Nutraceutical