

兴奋剂甾体类药物质谱检测方法的研究

@张长久, 张亦农, 刘欣, 叶荔, 崔凯荣\$国家体委运动医学研究所

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摘要 本文介绍兴奋剂甾体类药物在人体内代谢的规律、质谱裂解规律及其GC / MSD检测方法。运用GC / MSD选择离子定量做为内源性甾体双氢睾酮和睾酮的检测方法。

关键词 [兴奋剂](#) [甾体](#) [GC / MSD](#) [选择离子](#) [定量](#)

分类号

Abstract Studies on Detection of Doping with Anabolic Steroids\$\$\$\$Zhang Changjiu;Zhang Yinnong;Liu Xin;Ye Li;Cui Kairong(National Research Institute of Sports Medicine,Beijing 100029, China)Received Abstract:In this paper the main metabolic pathway and characteristics of anabolic steroids in man and the detection methods of these substances in human urine by GC/MSD were described with special emphasis to detecting the use of synthetic anabolic steroids such as testosterone,epitestosterone and dihydrotestosterone according to the effect of administration up on the system controlling their endogeneous secretion and the consequent alteration in the pattern of steroid excretion.Keywords:doping;steroids;GC/MSD;SIM detection

Key words

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