

Identification of PB-22 cannabimimetic metabolites in urine

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Abstract

Facts enabling to identify administration of *N*-[1-(aminocarbonyl)-2-methylpropyl]-1-pentyl-1*H*-indazole-3-carboxamide (AB-PINACA) cannabimimetics in the process of urine screening by solid-phase extraction technique and gas chromatography and mass spectrometry are described herein. AB-PINACA metabolites in the urine of smoking mixtures users are identified. Gas chromatography and mass spectrometry characteristics of some AB-PINACA metabolite derivatives that can be used both in chemico-forensic and chemico-toxicological analyses are obtained.