

The article is published on the materials of the report to the Scientific and Practical Conference "New Chemical-Pharmaceutical Technologies" held in May 28, 2014 at D.I. Mendeleev RCTU.

Publication is available for discussion in the framework of the on-line Internet conference "Butlerov readings".

<http://butlerov.com/readings/>

Contributed: July 21, 2014.

Defining sexual stimulants tadalafil and sildenafil in counterfeit biologically active additives to food

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Keywords: sildenafil, tadalafil, dietary supplement, falsification.

Abstract

The typical reactions of staining reagents used in forensic investigations of physical evidence – synthetic drugs sildenafil and tadalafil were conducted and described. There were defined the values of the chromatographic mobility in different solvent systems of these substances. The data on their mass spectra, UV spectra and IR spectra were obtained. Quantitative determination of these substances in the sample batches of adulterated dietary supplements was conducted.