Simultaneous determination of sildenafil citrate and some nitric oxide releasing drugs in human plasma using UPLC MS/MS

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Abstract

The inadvertent combination of sildenafil (SLD) and nitric oxide releasing compounds (NRC) may cause a life threatening hypotension and conversion of coital angina into an irreversible one. The aim of this study was to develop and validate a UPLC MS/MS method for the simultaneous quantitative analysis of SLD, nicorandil (NRD), and ARG in human plasma to determine the safety margins for drug combinations

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