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**Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry (UHPLC-MS/MS) Assay for Simultaneous Quantifications of CZ48, Lactone-stabilized Camptothecin, and Camptothecin and Their Pharmacokinetic and Biliary Evaluations in Rats**

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**Highlights:**

- Developed and validated a UHPLC-MS/MS assay to simultaneously quantify CZ48 and CPT
- Solid phase extraction was used to reduce matrix effects of bile on CZ48 and CPT
- The method was applied to quantify CZ48 and CPT concentrations in plasma and bile
- Biliary excretions of CZ48 and CPT were evaluated after an intravenous dose of CZ48

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