

医学研究

# LC-MS/MS法定量测定人血浆中CPRC-127血药浓度

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收稿日期 修回日期 网络版发布日期:

## 摘要

关键词

分类号

## Quantitation of CPRC-127 in Human Plasma by LC-MS/MS

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**Abstract** A sensitive liquid chromatography-electrospray ionization-tandem mass spectrometric (LC-MS/MS) method for the determination of CPRC-127 in human plasma was developed and validated. The plasma was extracted using a liquid-liquid phase extraction(LLE), and the sample extract was injected onto the LC-MS/MS system. The limit of quantitation(LLOQ) for CPRC-127 is  $0.5 \mu\text{g}\cdot\text{L}^{-1}$ . This method allows the reproducible and accurate quantification with the concentration range of  $0.5\text{-}1\ 000 \mu\text{g}\cdot\text{L}^{-1}$ . This method can be applied to the quantitation of CPRC-127 in human plasma.

**Key words** [CPRC-127](#) \_ [LC-MS/MS](#) \_ [quantitation](#)

DOI

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