

绿原酸的吸收与代谢研究进展

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中文摘要: 分析绿原酸的吸收部位、吸收机制、代谢部位、代谢途径及中药配伍后对绿原酸药动学的影响。查阅了近年来的国内外相关资料29篇, 并对其进行归纳、分析、总结。目前研究表明, 绿原酸在胃、小肠、大肠均有吸收, 其中, 在胃和小肠中以原型吸收入血; 另外, 绿原酸的吸收还受空腹或饱腹的影响。绿原酸代谢主要部位在肠道, 在肝脏中也有部分代谢。中药配伍还能促进绿原酸在体内的吸收分布, 使其迅速达到峰浓度。建议进一步研究绿原酸主要吸收部位及在胃内的吸收机制, 以及绿原酸的代谢产物对其活性的作用, 为了解绿原酸的体内过程、探讨吸收代谢与活性的相关性以及绿原酸的药代动力学研究提供参考。

中文关键词: [绿原酸](#) [吸收](#) [代谢](#) [药代动力学](#)

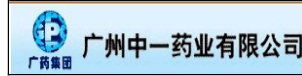
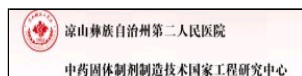
Absorption and Metabolism of Chlorogenic Acid

Abstract: To summarize chlorogenic acid in absorption site and mechanism, metabolic site and pathways, and effect on pharmacokinetic parameters of chlorogenic acid with crude drugs compatibility. Recent relevant information and references were summarized, and further analyzed and reviewed. The current study showed that chlorogenic acid could be absorbed in the stomach, small intestine and large intestine, which was absorbed into the bloodstream in the original form by the stomach and small intestine. In addition, the absorption of chlorogenic acid was also affected by fasting or satiety. The main metabolic part of chlorogenic acid was in the intestine, as well as some in the liver. Chinese compatibility can promote the absorption and distribution of chlorogenic acid in the body in order to quickly reach peak concentration. We should carry out further studies on the main absorption site, mechanism of absorption in the stomach, the role of the metabolites of chlorogenic acid on its activity, and provide useful references to understand the process of chlorogenic acid *in vivo*, explore the association between absorption and metabolism with activity, and study pharmacokinetic.

keywords: [chlorogenic acid](#) [absorption](#) [metabolism](#) [pharmacokinetic](#)


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