

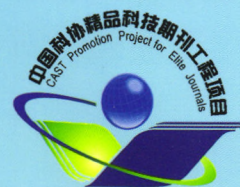
中国药学会系列期刊

2015年2月 第35卷 第2期

February 2015 Vol. 35 No. 2

ISSN 0254-1793

CN 11-2224/R



# 药物分析杂志

YAOWU FENXI ZAZHI

CHINESE JOURNAL OF PHARMACEUTICAL ANALYSIS

2  
2015



中国食品药品检定研究院  
National Institutes for Food and Drug Control



中国药学会  
Chinese Pharmaceutical Association

<http://www.nifdc.org.cn>  
<http://www.ywfxzz.cn>

## 药物分析杂志 第 35 卷 第 2 期

### 目 次

#### 综述专论

- 抗真菌药物作用靶点机理及新药研发进展 ..... 刘晓环, 张朝晖 (193)  
 基于环形谐振器的无标记光学生物传感器 ..... 陈晨, 王兆宏, 陈明 (203)

#### 成分分析

- 泽泻提取物三萜类成分含量测定研究  
 ..... 许文, 徐明涛, 赵万里, 丘建芳, 李小艳, 罗奋熔, 黄鸣清, 吴水生 (210)
- HPLC 法测定化橘红中水合橘皮内酯、橘皮内酯、马尔敏和葡萄内酯的含量  
 ..... 裴昆, 夏放高, 陈海芳, 罗小泉, 易徐航, 董晶, 杨武亮 (218)
- HPLC 法同时测定双金连合剂中 11 种成分的含量 ..... 李向阳, 屠万倩 (222)
- HPLC 法同时测定不同来源溪黄草药材中 8 个水溶性成分的含量  
 ..... 唐海明, 陈建南, 张扬, 赖小平, 黄松 (228)
- 松木层孔菌杂多糖中的 3-O-甲基-半乳糖的分析鉴定  
 ..... 杨开, 张佳妍, 邢辰, 金月忠, 张安强, 胡江宁, 孙培龙 (235)
- HPLC 法同时测定六味能消胶囊中木香烃内酯、去氢木香烃内酯、大黄素、大黄酚的含量  
 ..... 裴贵珍, 郭鑫, 张雪峰, 甘永祥, 张淑兰, 漆新文 (241)
- HPLC 法同时测定玉叶清火胶囊中栀子苷、穿心莲内酯和脱水穿心莲内酯  
 ..... 唐维宏 (246)
- 韩信草的高效液相色谱指纹图谱及化学模式识别  
 ..... 潘伟东, 杜义龙, 赵胜男, 李艳荣, 王肖, 潘海峰 (250)
- 固相萃取-紫外分光光度法快速测定黄花蒿中青蒿素含量  
 ..... 郑志福, 高平章, 林如鹏, 王珊, 李国清 (255)
- 蛇葡萄素纳米胶束含量与包封率的测定 ..... 黄仁杰, 鄢雪梨, 狄万鹏, 倪峰 (261)

#### 代谢分析·生物检定

- 氟代同系物内标在 LC-MS/MS 法测定人血浆中苯烯莫德浓度的应用  
 ..... 韦忠娜, 赵立波, 王茜, 朱宝英, 陈欣, 黄静, 方翼 (266)
- HPLC 法测定小鼠血清中的 4-甲基-3-硝基苯甲酸及药动学研究  
 ..... 孟素蕊, 焦建杰, 高洋, 何景华 (273)
- 中国钩端螺旋体疫苗生产用菌种罗株分子遗传特性分析  
 ..... 张金龙, 徐颖华, 王国柱, 张瑾, 张影, 杨英超, 薄淑英, 李晓玲, 辛晓芳 (278)
- 联合酶联免疫的微量病毒中和法检测大流行流感疫苗血清中和抗体的可行性研究  
 ..... 赵慧, 李娟, 刘书珍, 邵铭, 江征, 徐康维, 李长贵 (284)

## 安全监测

- 10 种中药材和 3 种食品污染赭曲霉毒素 A 的 LC-MS/MS 检测研究  
 ..... 郑润生, 肖启衍, 邱薇, 徐晖, 詹若挺, 陈蔚文(289)
- HPLC 法测定盐酸头孢他美酯中的有关物质和聚合物 ..... 王建, 王丹丹, 洪利娅(295)
- HPLC 法测定左卡尼汀注射液的含量及有关物质 ..... 宋青青, 张倩, 赵云芳, 李军, 曲昌海, 屠鹏飞(301)
- 甲硝铂原料药的高效液相色谱分析及其稳定性研究 ..... 陈宏, 栾春芳, 丛艳伟, 张琪, 普绍平, 彭娟(306)
- 液相色谱-串联质谱法测定策划药物 MDPV 及其代谢物 ..... 陈学国, 张婷(311)
- HPLC-MS 法分析甲苯磺酸拉帕替尼中痕量基因毒性杂质 ..... 张莉, 黄丽娜, 黎其荣, 杨伟涵(317)
- 国产罗红霉素杂质谱及与合成工艺相关性评价 ..... 李文东, 王成刚, 王俊秋(320)

## 标准研讨

- 超高效液相色谱-三重四极杆质谱法检测复方阿胶浆中阿胶  
 ..... 陈佳, 程显隆, 魏锋, 张倩倩, 马双成(328)
- 离子色谱法检测三磷酸胞苷二钠注射液含量及有关物质 ..... 宗艳平, 王晓, 张彤, 卢静华, 山广志(333)
- 中药山茱萸炮制前后特征化学成分的分析 ..... 常增荣, 李姣, 郝博, 郭洪祝, 傅欣彤, 陈有根(338)
- 苗药金铁锁质量标准完善研究 ..... 房楠, 吴玫萱, 明全忠, 刘勇, 王春国, 王学勇, 石晋丽(344)
- HPLC 法测定杞菊地黄丸中莫诺苷、马钱苷和丹皮酚的含量  
 ..... 李润泽, 常增荣, 傅欣彤, 郭洪祝, 张英涛(351)
- 酸水解提取 HPLC 法测定不同来源莲须中槲皮素和山柰酚的含量  
 ..... 陈建忠, 曾志伟, 曾荣洁, 吴严斌, 吴锦忠, 吴春敏, 李彧(355)
- 甘松新酮的稳定性研究 ..... 刘国林, 刘勇, 石晋丽, 房楠, 李健, 吕跃伟, 吴玫萱(360)
- 复方磺胺甲噁唑片均匀性的相关因素分析 ..... 董艳虹, 吴阮琦, 秦少容, 蒲道俊, 范琦(364)
- 广防风基原与鉴别 ..... 刘文啟, 严华, 董亚娟, 魏锋, 马双成(370)

本刊为中国科学技术协会精品科技期刊。2006 年度至 2011 年度每年获中国科协精品科技期刊工程项目 C 类资助或示范证书, 2012 年获中国科协精品科技期刊工程项目——科技期刊国际推广计划期刊国际出版人才保障项目立项资助, 2013 年度获中国科协精品科技期刊工程学术质量提升项目立项资助。

# CHINESE JOURNAL OF PHARMACEUTICAL ANALYSIS

VOL. 35 NO. 2

## Review & Monography

The action target mechanism of antifungal agents and research advances of novel drugs

..... LIU Xiao - huan, ZHANG Zhao - hui(193)

Label - free optical biosensor based on ring resonator

..... CHEN Chen, WANG Zhao - hong, CHEN Ming(203)

## Ingredient Analysis

Determination of triterpenoids in *Rhizoma Alismatis* extracts

..... XU Wen, XU Ming - tao, ZHAO Wan - li, QIU Jian - fang, LI Xiao yan, LUO Fen - rong,  
HUANG Ming - qing, WU Shui - sheng(210)

Simultaneous determination of meranzin hydrate, meranzin, marmin and auraptin in *Citri Grandis Exocarpium* by HPLC

..... PEI Kun, XIA Fang - gao, CHEN Hai - fang, LUO Xiao - quan, YI Xu - hang, DONG Jing, YANG Wu - liang(218)

Simultaneous determination of eleven components in *Shuangjinlian* mixture by HPLC

..... LI Xiang - yang, TU Wan - qian(222)

Simultaneous determination of eight water - soluble compositions in *Isodon serra* from different origins by HPLC

..... TANG Hai - ming, CHEN Jian - nan, ZHANG Yang, LAI Xiao - ping, HUANG Song(228)

Identification of 3 - O - methyl - galactose in heteropolysaccharide isolated from the fruiting body of *Phellinus pini*

..... YANG Kai, ZHANG Jia - yan, XING Chen, JIN Yue - zhong, ZHANG An - qiang,  
HU Jiang - ning, SUN Pei - long(235)

Simultaneous determination of costunolide, dehydrocostus lactone, emodin and chrysophanol in *Liuweinengxiao* capsules by HPLC

..... PEI Gui - zhen, GUO Xin, ZHANG Xue - feng, GAN Yong - xiang,  
ZHANG Shu - lan, QI Xin - wen(241)

Simultaneous determination of geniposide, andrographolide and dehydroandrographolide in *Yuye Qinghuo* capsules by HPLC

..... TANG Wei - hong(246)

HPLC fingerprint and chemical pattern recognition of *Scutellaria indica*

..... PAN Wei - dong, DU Yi - long, ZHAO Sheng - nan, LI Yan - rong, WANG Xiao, PAN Hai - feng(250)

Rapid determination of artemisinin content in *Artemisia annua* L. by SPE - UV

..... ZHENG Zhi - fu, GAO Ping - zhang, LIN Ru - peng, WANG Shan, LI Guo - qing(255)

Determination of content and entrapment efficiency of ampelopsin nanomicelles

..... HUANG Ren - jie, YAN Xue - li, DI Wan - peng, NI Feng(261)

## Metabolism Analysis · Bioassay

Application of fluorinated homolog internal standard in LC - MS/MS determination of benvitimod in human plasma

..... WEI Zhong - na, ZHAO Li - bo, WANG Qian, ZHU Bao - ying, CHEN Xin, HUANG Jing, FANG Yi(266)

HPLC determination of 4 - methyl - 3 - nitro - benzoic acid in mouseserum and pharmacokinetic study

..... MENG Su - rui, JIAO Jian - jie, GAO Yang, HE Jing - hua(273)

Molecular genetic analysis of strain Luo for production of Chinese *Leptospira* vaccine

..... ZHANG Jin - long, XU Ying - hua, WANG Guo - zhu, ZHANG Jin, ZHANG Ying,  
YANG Ying - chao, BO Shu - ying, LI Xiao - ling, XIN Xiao - fang(278)

Feasibility study of ELISA – based micro – virus neutralization assay to detect antibody responses against pandemic influenza vaccine  
..... ZHAO Hui, LI Juan, LIU Shu – zhen, SHAO Ming, JIANG Zheng, XU Kang – wei, LI Chang – gui (284)

### Safety Monitoring

Determination of contaminant ochratoxin A in 10 traditional Chinese medicines and 3 food samples by LC – MS/MS  
..... ZHENG Run – sheng, XIAO Qi – yan, QIU Wei, XU Hui, ZHAN Ruo – ting, CHEN Wei – wen (289)

HPLC simultaneous determination of related substances and polymers in cefetamet pivoxil hydrochloride  
..... WANG Jian, WANG Dan – dan, HONG Li – ya (295)

HPLC determination of the content and related substances of levocarnitine injection  
..... SONG Qing – qing, ZHANG Qian, ZHAO Yun – fang, LI Jun, QU Chang – hai, TU Peng – fei (301)

HPLC analysis of crude drug picoplatin and its stability  
..... CHEN Hong, LUAN Chun – fang, CONG Yan – wei, ZHANG Qi, PU Shao – ping, PENG Juan (306)

Simultaneous analysis of designer drug methylenedioxy – pyrovalerone and its metabolites by liquid chromatography – mass spectrometry  
..... CHEN Xue – guo, ZHANG Ting (311)

Trace determination of genotoxic impurity in lapatinib ditosylate by HPLC – MS  
..... ZHANG Li, HUANG Li – na, LI Qi – rong, YANG Wei – han (317)

Evaluation of relativity between impurity profile and synthesis technology of domestic roxithromycin  
..... LI Wen – dong, WANG Cheng – gang, WANG Jun – qiu (320)

### Standard Deliberation

Qualitative RRLC – QQQ/MS analysis of donkey – hide gelatin in Fufang Ejiao Jiang  
..... CHEN Jia, CHENG Xian – long, WEI Feng, ZHANG Qian – qian, MA Shuang – cheng (328)

Ion chromatography for content determination and assay of related substances in cytidine disodium triphosphate injection  
..... ZONG Yan – ping, WANG Xiao, ZHANG Tong, LU Jing – hua, SHAN Guang – zhi (333)

Analysis of characteristic chemical components in crude and processed Fructus Corni  
..... CHANG Zeng – rong, LI Jiao, HAO Bo, GUO Hong – zhu, FU Xin – tong, CHEN You – gen (338)

Research on improvement of quality standards of the Miao ethnic herb Psammosilenes Radix  
..... FANG Nan, WU Min – xuan, MING Quan – zhong, LIU Yong, WANG Chun – guo, WANG Xue – yong, SHI Jin – li (344)

Determination of morroniside, loganin and paeonol in Qiju Dihuang pills by HPLC  
..... LI Run – ze, CHANG Zeng – rong, FU Xin – tong, GUO Hong – zhu, ZHANG Ying – tao (351)

Acidhydrolytic extraction followed by HPLC for simultaneous determination of quercetin and kaempferol in Nelumbins Stamen from different origins  
..... CHEN Jian – zhong, ZENG Zhi – wei, ZENG Rong – jie, WU Yan – bing, WU Jin – zhong, WU Chun – min, LI Yu (355)

Study on stability of nardosinone  
..... LIU Guo – lin, LIU Yong, SHI Jin – li, FANG Nan, LI Jian, LÜ Yue – wei, WU Min – xuan (360)

Analysis of factors associating with the uniformities of compound sulfamethoxazole tablets  
..... DONG Yan – hong, WU Ruan – qi, QIN Shao – rong, PU Dao – jun, FAN Qi (364)

Origin and authentication of *Epimeredi indica*  
..... LIU Wen – qi, YAN Hua, DONG YA – juan, WEI Feng, MA Shuang – cheng (370)

中国科技核心期刊  
中国中文核心期刊

CJPA



药物分析杂志网页



单篇快速阅览



全册下载安卓 APP



全册下载苹果 APP

ISSN 0254-1793



9 770254 179050

国内刊号: CN 11-2224/R 邮发代号: 国内 2-237 国外 M 506 每册定价: 30.00