

# Arzneimittelforschung Drug Research

May 2012 · Page 209–260 · Volume 62

5 · 2012

---

## Original Articles

- 209 A Simple and Sensitive HPLC-UV Method for the Determination of Swainsonine in Rat Plasma and its Application in a Pharmacokinetic Study  
*D.-L. Li, C.-Y. Dong, Y. Gao*
- 213 Novel LC-MS/MS Method for Simultaneous Quantification of KW-7158, a New Drug Candidate for Urinary Incontinence and Bladder Hyperactivity, and its Metabolites in Rat Plasma: A Pharmacokinetic Study in Male and Female Rats  
*H. Maeda, K. Fujita, H. Kobayashi, J. Ushiki, T. Nakanishi, I. Tamai*
- 222 Reversal of Oxidative Stress by Histamine H<sub>3</sub> Receptor-Ligands in Experimental Models of Schizophrenia  
*D. Mahmood, R. Khanam, K. K. Pillai, M. Akhtar*
- 230 Quantification of Azithromycin in Human Plasma by Liquid Chromatography Tandem Mass Spectrometry: Application to a Bioequivalence Study  
*B. Jiang, J. Chen, Z. Ruan, H. Lou, L. Yu*
- 236 The Multidrug Resistant Modulator HZ08 Reverses Multidrug Resistance via P-glycoprotein Inhibition and Apoptosis Sensitization in Human Epidermoid Carcinoma Cell Line KBV200  
*Y.-L. Zhu, J. Cen, Y.-Y. Zhang, Y.-D. Feng, Y. Yang, Y.-M. Li, W.-L. Huang*
- 243 Development of a Sensitive Bioanalytical Method for the Quantification of Lacosamide in Rat Plasma. Application to Preclinical Pharmacokinetics Studies in Rats  
*S. Shah, S. G. Vasantharaju, K. Arumugam, B. S. Muddukrishna, N. Desai*
- 247 Pharmacokinetic and Bioequivalence Studies of Trospium chloride after a Single-dose Administration in Healthy Chinese Volunteers  
*R. Zhang, G. Yuan, R. Li, X. Liu, C. Wei, B. Wang, H. Gao, R. Guo*
- 252 Molecular Combination of the Dopamine and Serotonin Scaffolds Yield in Novel Antipsychotic Drug Candidates – Characterization by in vivo Experiments  
*M. Schulze, O. Siol, D. Robaa, F. K. U. Mueller, C. Enzensperger, C. Fleck, J. Lehmann*
- 

A4 **Masthead**