

## Accepted Manuscript

**Title: A UHPLC-MS/MS method coupled with liquid-liquid extraction for the quantitation of phenacetin, omeprazole, metoprolol, midazolam and their metabolites in rat plasma and its application to the study of four CYP450 activities**

Authors: Zhe Wang, Wei Sun, Zheng-Feng Lin, Rui Sun,  
Cheng-Ke Huang, Wei-Jian Ye, Yao-Yao Dong, Xiao-Dan  
Zhang, Rui-Jie Chen

PII: S0731-7085(18)30823-9  
 DOI: <https://doi.org/10.1016/j.jpba.2018.10.012>  
 Reference: PBA 12261

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 9-4-2018  
Revised date: 28-9-2018  
Accepted date: 3-10-2018

Please cite this article as: Wang Z, Sun W, Lin Z-Feng, Sun R, Huang C-Ke, Ye W-Jian, Dong Y-Yao, Zhang X-Dan, Chen R-Jie, A UHPLC-MS/MS method coupled with liquid-liquid extraction for the quantitation of phenacetin, omeprazole, metoprolol, midazolam and their metabolites in rat plasma and its application to the study of four CYP450 activities, *Journal of Pharmaceutical and Biomedical Analysis* (2018), <https://doi.org/10.1016/j.jpba.2018.10.012>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**A UHPLC-MS/MS method coupled with liquid-liquid extraction for the quantitation of phenacetin, omeprazole, metoprolol, midazolam and their metabolites in rat plasma and its application to the study of four CYP450 activities**

Zhe Wang<sup>a,1</sup>, Wei Sun<sup>a,1</sup>, Zheng-Feng Lin<sup>a,1</sup>, Rui Sun<sup>a</sup>, Cheng-Ke Huang<sup>a</sup>, Wei-Jian Ye<sup>a</sup>, Yao-Yao Dong<sup>a</sup>, Xiao-Dan Zhang<sup>b,\*</sup>, Rui-Jie Chen<sup>a,\*</sup>

<sup>a</sup> Department of Pharmacy, The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University, Wenzhou, China

<sup>b</sup> Department of Pharmacy, The Seventh People's Hospital of Wenzhou, Wenzhou, China

\* Correspondence author.

E-mail addresses: crj1968@126.com (R.-j. Chen).

E-mail addresses: ha.daybreak@163.com (X.-d. Zhang).

<sup>1</sup> Both authors contributed equally to this work.

**Hightlight**

1. A UHPLC-MS/MS method for simultaneously determination of phenacetin, omeprazole, metoprolol, midazolam and their metabolites in plasma was developed

Download English Version:

<https://daneshyari.com/en/article/11020256>

Download Persian Version:

<https://daneshyari.com/article/11020256>

[Daneshyari.com](https://daneshyari.com)