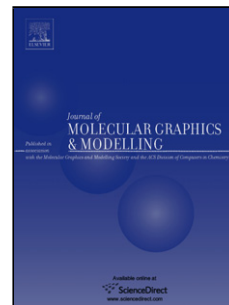


## Accepted Manuscript

Title: Theoretical Insights into Imidazolidine Oxidation of Imidacloprid by Cytochrome P450 3A4

Authors: Mei Lin Zheng, Chao Rui Li, Qun Hua Bai, Hong Xiao, Wei Hu, Ying Xue, Jie Ying Gao



PII: S1093-3263(17)30653-8  
DOI: <https://doi.org/10.1016/j.jmgm.2018.01.005>  
Reference: JMG 7106

To appear in: *Journal of Molecular Graphics and Modelling*

Received date: 23-8-2017  
Revised date: 9-1-2018  
Accepted date: 10-1-2018

Please cite this article as: Mei Lin Zheng, Chao Rui Li, Qun Hua Bai, Hong Xiao, Wei Hu, Ying Xue, Jie Ying Gao, Theoretical Insights into Imidazolidine Oxidation of Imidacloprid by Cytochrome P450 3A4, Journal of Molecular Graphics and Modelling <https://doi.org/10.1016/j.jmgm.2018.01.005>

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.

# Theoretical Insights into Imidazolidine Oxidation of Imidacloprid by Cytochrome P450 3A4

Mei Lin Zheng <sup>a</sup>, Chao Rui Li <sup>a</sup>, Qun Hua Bai <sup>a</sup>, Hong Xiao <sup>a</sup>, Wei Hu <sup>b</sup>,

Ying Xue <sup>c</sup>, Jie Ying Gao <sup>a,\*</sup>

<sup>a</sup> School of Public Health and Management,

Chongqing Medical University, Chongqing 400016, P. R. China

<sup>b</sup> Chengdu FenDi Technology Co., Ltd., Chengdu 610000, P. R. China

<sup>c</sup> College of Chemistry,

Key Lab of Green Chemistry and Technology in Ministry of Education,

Sichuan University, Chengdu 610064, P. R. China

---

Corresponding author. Jie Ying Gao, e-mail: [jygao@cqmu.edu.cn](mailto:jygao@cqmu.edu.cn)

Tel: +86 23 68485008.

Download English Version:

<https://daneshyari.com/en/article/6877469>

Download Persian Version:

<https://daneshyari.com/article/6877469>

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