

## Accepted Manuscript

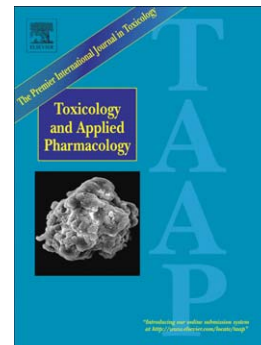
Novel curcumin analogue 14p protects against myocardial ischemia reperfusion injury through Nrf2-activating anti-oxidative activity

Weixin Li, Mingchai Wu, Longguang Tang, Yong Pan, Zhiguo Liu, Chunlai Zeng, Jingying Wang, Tiemin Wei, Guang Liang

PII: S0041-008X(14)00433-5  
DOI: doi: [10.1016/j.taap.2014.12.001](https://doi.org/10.1016/j.taap.2014.12.001)  
Reference: YTAAP 13260

To appear in: *Toxicology and Applied Pharmacology*

Received date: 25 June 2014  
Revised date: 16 November 2014  
Accepted date: 2 December 2014



Please cite this article as: Li, Weixin, Wu, Mingchai, Tang, Longguang, Pan, Yong, Liu, Zhiguo, Zeng, Chunlai, Wang, Jingying, Wei, Tiemin, Liang, Guang, Novel curcumin analogue 14p protects against myocardial ischemia reperfusion injury through Nrf2-activating anti-oxidative activity, *Toxicology and Applied Pharmacology* (2014), doi: [10.1016/j.taap.2014.12.001](https://doi.org/10.1016/j.taap.2014.12.001)

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.

**Novel curcumin analogue 14p protects against myocardial ischemia  
reperfusion injury through Nrf2-activating anti-oxidative activity**

Weixin Li<sup>1, 2, #</sup>, Mingchai Wu<sup>3, #</sup>, Longguang Tang<sup>2</sup>, Yong Pan<sup>2</sup>, Zhiguo Liu<sup>2</sup>, Chunlai Zeng<sup>1</sup>,  
Jingying Wang<sup>2</sup>, Tiemin Wei<sup>1</sup>, Guang Liang<sup>2</sup>

<sup>1</sup> *Department of Cardiology, the 5<sup>th</sup> Affiliated Hospital, Wenzhou Medical University, Lishui, Zhejiang, China;*

<sup>2</sup> *Chemical Biology Research Center, School of Pharmaceutical Science, Wenzhou Medical University, Wenzhou, Zhejiang, China;*

<sup>3</sup> *Department of Pharmacy, the Third Affiliated Hospital of Wenzhou Medical University, Wenzhou, Zhejiang, China.*

**Running title:** Nrf2 as the protective target for myocardial IR injury

# These authors contributed equally to this work.

**Corresponding authors:**

Tiemin Wei, Professor at Department of Cardiology, The 5<sup>th</sup> Affiliated Hospital, Wenzhou Medical University, Lishui, Zhejiang, China.

E-mail: lswtm@sina.com

Phone number: +86-13905887891

Fax: +86-578-2133457

Guang Liang, Ph.D, at the Chemical Biology Research Center, School of Pharmaceutical Sciences, Wenzhou Medical University, Wenzhou 325035, China.

E-mail: wzmclianguang@163.com

Phone number: +86-577-86699396

Fax: +86-577-86699396

Download English Version:

<https://daneshyari.com/en/article/5846113>

Download Persian Version:

<https://daneshyari.com/article/5846113>

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