

# Accepted Manuscript

Kaempferol 7-*O*- $\beta$ -D-glucoside isolated from the leaves of *Cudrania tricuspidata* inhibits LPS-induced expression of pro-inflammatory mediators through inactivation of NF- $\kappa$ B, AP-1, and JAK-STAT in RAW 264.7 macrophages

Seung-Bin Lee, Ji-Sun Shin, Hee-Soo Han, Hwi-Ho Lee, Jong Cheol Park, Kyung-Tae Lee

PII: S0009-2797(17)31362-5

DOI: [10.1016/j.cbi.2018.02.022](https://doi.org/10.1016/j.cbi.2018.02.022)

Reference: CBI 8233

To appear in: *Chemico-Biological Interactions*

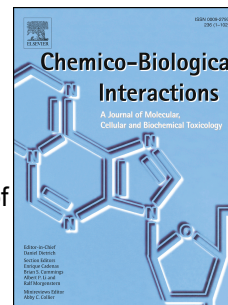
Received Date: 19 December 2017

Revised Date: 2 February 2018

Accepted Date: 19 February 2018

Please cite this article as: S.-B. Lee, J.-S. Shin, H.-S. Han, H.-H. Lee, J.C. Park, K.-T. Lee, Kaempferol 7-*O*- $\beta$ -D-glucoside isolated from the leaves of *Cudrania tricuspidata* inhibits LPS-induced expression of pro-inflammatory mediators through inactivation of NF- $\kappa$ B, AP-1, and JAK-STAT in RAW 264.7 macrophages, *Chemico-Biological Interactions* (2018), doi: 10.1016/j.cbi.2018.02.022.

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.



[Chemico-Biological Interactions, Research paper]

**Kaempferol 7-*O*- $\beta$ -D-glucoside isolated from the leaves of *Cudrania tricuspidata* inhibits LPS-induced expression of pro-inflammatory mediators through inactivation of NF- $\kappa$ B, AP-1, and JAK-STAT in RAW 264.7 macrophages**

**Seung-Bin Lee<sup>a,b</sup>, Ji-Sun Shin<sup>a</sup>, Hee-Soo Han<sup>a,b</sup>, Hwi-Ho Lee<sup>a,b</sup>, Jong Cheol Park<sup>c</sup>,  
Kyung-Tae Lee<sup>a,b,\*</sup>**

<sup>a</sup> Department of Pharmaceutical Biochemistry, College of pharmacy, Kyung Hee University, Seoul, Republic of Korea

<sup>b</sup> Department of Life and Nanopharmaceutical Sciences, College of Pharmacy, Kyung Hee University, Seoul 130-701, Republic of Korea

<sup>c</sup> Department of Oriental Medicine Resources, College of Life Science and Natural Resources, Suncheon National University, Suncheon, 57922, South Korea

\* Corresponding author. Kyung-Tae Lee, PhD

Department of Pharmaceutical Biochemistry, College of Pharmacy

Kyung Hee University

Dongdaemun-Ku, Hoegi-Dong, Seoul, 130-701,

Republic of Korea

Tel.: +82 2 961 0860; Fax: +82 2 966 3885.

E-mail address: [ktlee@khu.ac.kr](mailto:ktlee@khu.ac.kr)

Download English Version:

<https://daneshyari.com/en/article/8544977>

Download Persian Version:

<https://daneshyari.com/article/8544977>

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