Author's Accepted Manuscript

A novel PPAR α/γ agonist, propane-2-sulfonic acid octadec-9-enyl-amide, ameliorates insulin resistance and gluconeogenesis *in vivo* and *vitro*

Tong Ren, Wu-shuang Yang, Yi Lin, Jin-feng Liu, Ying Li, Li-Chao Yang, Kai-yue Zeng, Lu Peng, Yi-jun Liu, Zhen-hong Ye, Xiu-Mei Luo, Yu-jie Ke, Yong Diao, Xin Jin



PII: S0014-2999(18)30108-0 DOI: https://doi.org/10.1016/j.ejphar.2018.02.029 Reference: EJP71682

To appear in: European Journal of Pharmacology

Received date: 6 November 2017 Revised date: 18 February 2018 Accepted date: 19 February 2018

Cite this article as: Tong Ren, Wu-shuang Yang, Yi Lin, Jin-feng Liu, Ying Li, Li-Chao Yang, Kai-yue Zeng, Lu Peng, Yi-jun Liu, Zhen-hong Ye, Xiu-Mei Luo, Yu-jie Ke, Yong Diao and Xin Jin, A novel PPAR α/γ agonist, propane-2-sulfonic acid octadec-9-enyl-amide, ameliorates insulin resistance and gluconeogenesis *in vivo* and *vitro*, *European Journal of Pharmacology*, https://doi.org/10.1016/j.ejphar.2018.02.029

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 galley proof before it is published in its final citable 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.

ACCEPTED MANUSCRIPT

A novel PPARα/γ agonist, propane-2-sulfonic acid octadec-9-enyl-amide, ameliorates insulin resistance and gluconeogenesis *in vivo* and *vitro*

Tong Ren^{a, 1}, Wu-shuang Yang^{b, 1}, Yi Lin^b, Jin-feng Liu^b, Ying Li^c, Li-Chao Yang^d, Kai-yue Zeng^d, Lu Peng^d, Yi-jun Liu^d, Zhen-hong Ye^d, Xiu-Mei Luo^d, Yu-jie Ke^d, Yong Diao^{a,*}, Xin Jin^{d,*}

^aSchool of Biomedical Science, Institute of Molecular Medicine, Huaqiao University, Quanzhou, China
 ^bDepartment of Neurosurgery, Xiamen Hospital of Traditional Chinese Medicine, Xiamen, China
 ^cDepartment of Pharmacy, Xiamen Medical College, Xiamen, China
 ^dXiamen Key Laboratory of Chiral Drugs, Department of Basic Medical Sciences, Medical College, Xiamen University, Xiamen, China

Xin Jin, Ph.D., Professor of Pharmacology
Faculty of Basic Medicine, Medical College, Xiamen University,
Xiang'an District, Xiamen 361102, China.
Tel: +86-592-2188676 Fax: +86-592-2188676 E-mail: xinjin@xmu.edu.cn
Yong Diao, Ph.D., Professor of Pharmacology
School of Biomedical Science, Institute of Molecular Medicine, Huaqiao University, Quanzhou
612021, China.

Tel: +86-0595-22690516 Fax: +86-0592-22690516 E-mail: diaoyong@hqu.edu.cn

* Corresponding author.

E-mail addresses: diaoyong@hqu.edu.cn (Yong Diao), xinjin@xmu.edu.cn (Xin Jin).

¹These authors contributed equally to this work.

Download English Version:

https://daneshyari.com/en/article/8529183

Download Persian Version:

https://daneshyari.com/article/8529183

Daneshyari.com