

## Accepted Manuscript

Design, Synthesis, and Characterization of Rhein Analogs as Novel Inhibitors of Scavenger Receptor A

Yi Zheng, Xia Li, Piyusha P. Pagare, Yunyun Yuan, Xiang-Yang Wang, Yan Zhang

PII: S0960-894X(16)31172-6  
DOI: <http://dx.doi.org/10.1016/j.bmcl.2016.11.029>  
Reference: BMCL 24424

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 27 October 2016  
Revised Date: 8 November 2016  
Accepted Date: 11 November 2016

Please cite this article as: Zheng, Y., Li, X., Pagare, P.P., Yuan, Y., Wang, X-Y., Zhang, Y., Design, Synthesis, and Characterization of Rhein Analogs as Novel Inhibitors of Scavenger Receptor A, *Bioorganic & Medicinal Chemistry Letters* (2016), doi: <http://dx.doi.org/10.1016/j.bmcl.2016.11.029>

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 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.



**Design, Synthesis, and Characterization of Rhein Analogs as Novel  
Inhibitors of Scavenger Receptor A**

Yi Zheng<sup>a,#</sup>, Xia Li<sup>b,#</sup>, Piyusha P. Pagare<sup>a</sup>, Yunyun Yuan<sup>a</sup>, Xiang-Yang Wang<sup>b,c,d,\*</sup>, Yan Zhang<sup>a,d,\*</sup>

<sup>a</sup> Department of Medicinal Chemistry, Virginia Commonwealth University, 800 E. Leigh Street, Richmond, Virginia 23298, United States

<sup>b</sup> Department of Human and Molecular Genetics, Virginia Commonwealth University, Richmond, Virginia 23298, United States

<sup>c</sup> Institute of Molecular Medicine, Virginia Commonwealth University, Richmond, VA 23298, United States

<sup>d</sup> Massey Cancer Center, Virginia Commonwealth University, Richmond, VA, 23298, United States

# Equal contributors

\* Corresponding authors:

Yang Zhang, Department of Medicinal Chemistry, Virginia Commonwealth University. Email address: [yzhang2@vcu.edu](mailto:yzhang2@vcu.edu)

Xiang-Yang Wang, Department of Human and Molecular Genetics, Virginia Commonwealth University. Email address: [xywang@vcu.edu](mailto:xywang@vcu.edu)

Download English Version:

<https://daneshyari.com/en/article/5155949>

Download Persian Version:

<https://daneshyari.com/article/5155949>

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