Accepted Manuscript

Pyridoxine-Resveratrol hybrids Mannich base derivatives as novel dual inhibitors of AChE and MAO-B with antioxidant and metal-chelating properties for the treatment of Alzheimer's disease

Xia Yang, Xiaoming Qiang, Yan Li, Li Luo, Rui Xu, Yunxiaozhu Zheng, Zhongcheng Cao, Zhenghuai Tan, Yong Deng

PII: S0045-2068(16)30385-6

DOI: http://dx.doi.org/10.1016/j.bioorg.2017.02.016

Reference: YBIOO 2026

To appear in: Bioorganic Chemistry

Received Date: 30 November 2016 Revised Date: 23 January 2017 Accepted Date: 26 February 2017



Please cite this article as: X. Yang, X. Qiang, Y. Li, L. Luo, R. Xu, Y. Zheng, Z. Cao, Z. Tan, Y. Deng, Pyridoxine-Resveratrol hybrids Mannich base derivatives as novel dual inhibitors of AChE and MAO-B with antioxidant and metal-chelating properties for the treatment of Alzheimer's disease, *Bioorganic Chemistry* (2017), doi: http://dx.doi.org/10.1016/j.bioorg.2017.02.016

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.

ACCEPTED MANUSCRIPT

Pyridoxine-Resveratrol hybrids Mannich base derivatives as novel dual inhibitors of AChE and MAO-B with antioxidant and metal-chelating properties for the treatment of Alzheimer's disease

Xia Yang¹, Xiaoming Qiang¹, Yan Li¹, Li Luo¹, Rui Xu¹, Yunxiaozhu Zheng¹, Zhongcheng Cao¹, Zhenghuai Tan^{2,*} and Yong Deng^{1,*}

¹Department of Medicinal Chemistry, Key Laboratory of Drug Targeting and Drug Delivery System of the Education Ministry, West China School of Pharmacy, Sichuan University, Chengdu, 610041, China

²Institute of Traditional Chinese Medicine Pharmacology and Toxicology, Sichuan academy of Chinese Medicine Sciences, Chengdu, 610041, China

* Corresponding Author.

Phone, +86-28-85258982; E-mail: <u>tanzhh616@163.com</u> (Zhenghuai Tan)

Phone, +86-28-85503790; E-mail: dengyong@scu.edu.cn (Yong Deng)

Download English Version:

https://daneshyari.com/en/article/5155090

Download Persian Version:

https://daneshyari.com/article/5155090

<u>Daneshyari.com</u>