Accepted Manuscript

Coumarin- dithiocarbamate hybrids as novel multitarget AChE and MAO-B inhibitors against Alzheimer's Disease: Design, synthesis and biological evaluation

Qi He, Jing Liu, Jin-Shuai Lan, Jiaoli Ding, Yongbing Sun, Yuanying Fang, Neng Jiang, Zunhua Yang, Liyuan Sun, Yi Jin, Sai-Sai Xie

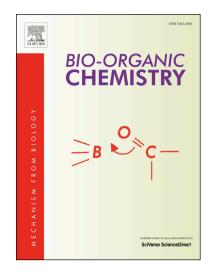
PII: S0045-2068(18)30840-X

DOI: https://doi.org/10.1016/j.bioorg.2018.09.010

Reference: YBIOO 2507

To appear in: Bioorganic Chemistry

Received Date: 7 August 2018
Revised Date: 5 September 2018
Accepted Date: 7 September 2018



Please cite this article as: Q. He, J. Liu, J-S. Lan, J. Ding, Y. Sun, Y. Fang, N. Jiang, Z. Yang, L. Sun, Y. Jin, S-S. Xie, Coumarin- dithiocarbamate hybrids as novel multitarget AChE and MAO-B inhibitors against Alzheimer's Disease: Design, synthesis and biological evaluation, *Bioorganic Chemistry* (2018), doi: https://doi.org/10.1016/j.bioorg.2018.09.010

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

Coumarin- dithiocarbamate hybrids as novel multitarget AChE and MAO-B inhibitors against Alzheimer's Disease: Design, synthesis and biological evaluation

 $Qi\ He,^{\ddagger a}\ Jing\ Liu^{\ddagger b},\ Jin-Shuai\ Lan^c,\ Jiaoli\ Ding^a,\ Yongbing\ Sun^a,\ Yuanying\ Fang^a$ $Neng\ Jiang^d,\ Zunhua\ Yang^b,\ Liyuan\ Sun^e,\ Yi\ Jin^{*a},\ Sai-Sai\ Xie^{*a}$

^aNational Pharmaceutical Engineering Center for Solid Preparation in Chinese Herbal Medicine, Jiangxi University of Traditional Chinese Medicine, Nanchang 330006, PR China

^bSchool of Pharmacy, Jiangxi University of Traditional Chinese Medicine, Nanchang 330006, PR China

^cExperiment Center of Teaching & Learning, Shanghai University of Traditional Chinese Medicine, Shanghai 201203, PR China

^dDepartment of Pharmacy, Affiliated Tumor Hospital of Guangxi Medical University, Nanning 530021, Guangxi, PR China

^eGuangxi Key Laboratory of Brain and Cognitive Neuroscience, Guilin Medical University, Guilin 541004, PR China

*Corresponding Author. E-mail: <u>jinyixsnc@126.com (Y. Jin);</u> <u>xiesaisainanchang@hotmail.com (S.-S. Xie);</u>

‡ These authors contributed equally.

Download English Version:

https://daneshyari.com/en/article/11006191

Download Persian Version:

https://daneshyari.com/article/11006191

<u>Daneshyari.com</u>