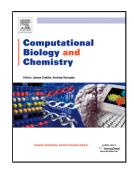
Accepted Manuscript

Title: The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase

Authors: Yanying Hu, Qingyuan Hua, Guojuan Sun, Kunpeng Shi, Huitu Zhang, Kai Zhao, Shiru Jia, Yujie Dai, Qingli Wu



PII: \$1476-9271(17)30463-2

DOI: https://doi.org/10.1016/j.compbiolchem.2018.05.003

Reference: CBAC 6853

To appear in: Computational Biology and Chemistry

Received date: 11-7-2017 Revised date: 16-3-2018 Accepted date: 2-5-2018

Please cite this article as: Hu, Yanying, Hua, Qingyuan, Sun, Guojuan, Shi, Kunpeng, Zhang, Huitu, Zhao, Kai, Jia, Shiru, Dai, Yujie, Wu, Qingli, The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase. Computational Biology and Chemistry https://doi.org/10.1016/j.compbiolchem.2018.05.003

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

The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase

Yanying Hu ^{a,b}, Qingyuan Hua ^a, Guojuan Sun ^a, Kunpeng Shi ^a, Huitu Zhang ^a, Kai Zhao ^c, Shiru Jia ^a, Yujie Dai ^{a,*}, Qingli Wu ^{d,*}

^a College of Biotechnology, Tianjin University of Science and Technology, Tianjin 300457, PR China

^b Department of Life Science and Technology, Jining University, Qufu 273155, Shandong Province, PR China

^c Hebei Kingsci Pharmaceutical Technology Co., Ltd, Shijiazhuang 050035, Hebei Province, PR China

Department of Medicinal Chemistry, School of Environmental and Biological
 Sciences, Rutgers University, NJ 08901, USA

*Corresponding author: Fax: +86 22 60602298; Tel: +86 22 60601265; E-mail: yjdai@126.com(Yujie Dai), qlwu@sebs.rutgers.edu (Qingli Wu)

Graphical Abstract

Download English Version:

https://daneshyari.com/en/article/6486828

Download Persian Version:

https://daneshyari.com/article/6486828

<u>Daneshyari.com</u>