

Accepted Manuscript

Title: A polysaccharide of *Dendrobium officinale* ameliorates H₂O₂-Induced apoptosis in H9c2 cardiomyocytes via PI3K/AKT and MAPK Pathways

Authors: Jing-yi Zhang, Ying Guo, Jin-ping Si, Xiao-bo Sun, Gui-bo Sun, Jing-jing Liu



PII: S0141-8130(16)33012-4
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2017.05.169>
Reference: BIOMAC 7658

To appear in: *International Journal of Biological Macromolecules*

Received date: 23-12-2016
Revised date: 5-5-2017
Accepted date: 30-5-2017

Please cite this article as: Jing-yi Zhang, Ying Guo, Jin-ping Si, Xiao-bo Sun, Gui-bo Sun, Jing-jing Liu, A polysaccharide of *Dendrobium officinale* ameliorates H₂O₂-Induced apoptosis in H9c2 cardiomyocytes via PI3K/AKT and MAPK Pathways, *International Journal of Biological Macromolecules* <http://dx.doi.org/10.1016/j.ijbiomac.2017.05.169>

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.

A polysaccharide of *Dendrobium officinale* ameliorates H₂O₂-Induced apoptosis in H9c2 cardiomyocytes via PI3K/AKT and MAPK Pathways

Jing-yi Zhang², Ying Guo¹, Jin-ping Si¹, Xiao-bo Sun^{2*}, Gui-bo Sun^{2*}, Jing-jing Liu^{1*}

(1. State Key Laboratory of Subtropical Silviculture, Zhejiang A & F University, Lin'an 311300, China

2. Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing 100193, China

* Corresponding author. E-mail address: sun_xiaobo163@163.com, sunguibo@126.com, jj6-jj6@hotmail.com)

Download English Version:

<https://daneshyari.com/en/article/5511618>

Download Persian Version:

<https://daneshyari.com/article/5511618>

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