

Accepted Manuscript

Title: Design, synthesis of novel chitosan derivatives bearing quaternary phosphonium salts and evaluation of antifungal activity

Authors: Wenqiang Tan, Jingjing Zhang, Fang Luan, Lijie Wei, Yuan Chen, Fang Dong, Qing Li, Zhanyong Guo



PII: S0141-8130(16)33086-0
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2017.04.073>
Reference: BIOMAC 7437

To appear in: *International Journal of Biological Macromolecules*

Received date: 31-12-2016
Revised date: 27-3-2017
Accepted date: 9-4-2017

Please cite this article as: Wenqiang Tan, Jingjing Zhang, Fang Luan, Lijie Wei, Yuan Chen, Fang Dong, Qing Li, Zhanyong Guo, Design, synthesis of novel chitosan derivatives bearing quaternary phosphonium salts and evaluation of antifungal activity, *International Journal of Biological Macromolecules* <http://dx.doi.org/10.1016/j.ijbiomac.2017.04.073>

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 of novel chitosan derivatives bearing quaternary phosphonium salts and evaluation of antifungal activity

Wenqiang Tan ^{a, b}, Jingjing Zhang ^{a, b}, Fang Luan ^{a, b}, Lijie Wei ^{a, b}, Yuan Chen ^c, Fang Dong ^a, Qing Li ^a, Zhanyong Guo ^{a, b, *}

^a *Key Laboratory of Coastal Biology and Bioresource Utilization, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yantai 264003, China*

^b *University of Chinese Academy of Sciences, Beijing 100049, China*

^c *School of Ocean, Yantai University, Yantai 264005, China*

***Correspondence to:** Prof. Zhanyong Guo, Key Laboratory of Coastal Biology and Bioresource Utilization, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yantai 264003, China

Tel.: +86-535-2109171; Fax: +86-535-2109000

E-mail address: zhanyongguo@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/5511797>

Download Persian Version:

<https://daneshyari.com/article/5511797>

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