

Accepted Manuscript

Antimicrobial and antioxidant effects of a hydroxypyridinone derivative containing an oxime ether moiety and its application in shrimp preservation

Kai Chen, Le-Le Shao, Yun-Feng Huo, Jia-Min Zhou, Qing Zhu, Robert C. Hider, Tao Zhou



PII: S0956-7135(18)30412-2
DOI: 10.1016/j.foodcont.2018.08.008
Reference: JFCO 6272
To appear in: *Food Control*
Received Date: 05 June 2018
Accepted Date: 11 August 2018

Please cite this article as: Kai Chen, Le-Le Shao, Yun-Feng Huo, Jia-Min Zhou, Qing Zhu, Robert C. Hider, Tao Zhou, Antimicrobial and antioxidant effects of a hydroxypyridinone derivative containing an oxime ether moiety and its application in shrimp preservation, *Food Control* (2018), doi: 10.1016/j.foodcont.2018.08.008

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.

1 Antimicrobial and antioxidant effects of a hydroxypyridinone
2 derivative containing an oxime ether moiety and its application in
3 shrimp preservation

4 Kai Chen^a, Le-Le Shao^a, Yun-Feng Huo^a, Jia-Min Zhou^a, Qing Zhu^b, Robert C Hider^c,

5 Tao Zhou^{a,*}

6 *^a School of Food Science and Biotechnology, Zhejiang Gongshang University, 18*
7 *Xuezheng Street, Xiasha, Hangzhou, Zhejiang 310018, P. R. China.*

8 *^bKey Laboratory of Bioorganic Synthesis of Zhejiang Province, College of*
9 *Biotechnology and Bioengineering, Zhejiang University of*
10 *Technology, Hangzhou, Zhejiang 310014, P. R. China.*

11 *^c Institute of Pharmaceutical Sciences, King's College London, 150 Stamford Street,*
12 *London, SE1 9NH, UK*

13
14 *Corresponding Author: T. Zhou

15 *School of Food Science and Biotechnology, Zhejiang Gongshang University*

16 E-mail: taozhou@zjgsu.edu.cn; tel: +86 571 28008976; fax: +86 571 88905733

17 ORCID: 0000-0003-4510-3639 (Tao Zhou)

18

19 Running title: a hydroxypyridinone derivative as potential shrimp preservative

Download English Version:

<https://daneshyari.com/en/article/8887653>

Download Persian Version:

<https://daneshyari.com/article/8887653>

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