## **Accepted Manuscript**

Antibiofilm activities of norharmane and its derivatives against Escherichia coli O157:H7 and other bacteria

Jin-Hyung Lee, Yong-Guy Kim, Sang Hee Shim, Jintae Lee

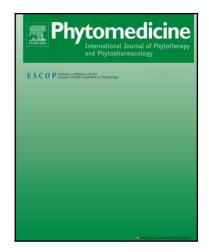
PII: \$0944-7113(17)30153-8

DOI: 10.1016/j.phymed.2017.10.013

Reference: PHYMED 52281

To appear in: Phytomedicine

Received date: 16 March 2017
Revised date: 19 September 2017
Accepted date: 17 October 2017



Please cite this article as: Jin-Hyung Lee , Yong-Guy Kim , Sang Hee Shim , Jintae Lee , Antibiofilm activities of norharmane and its derivatives against Escherichia coli O157:H7 and other bacteria, *Phytomedicine* (2017), doi: 10.1016/j.phymed.2017.10.013

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

# Antibiofilm activities of norharmane and its derivatives against

### Escherichia coli O157:H7 and other bacteria

Jin-Hyung Lee<sup>a</sup>, Yong-Guy Kim<sup>a</sup>, Sang Hee Shim<sup>b,\*</sup>, Jintae Lee<sup>a;\*</sup>

<sup>a</sup>School of Chemical Engineering, Yeungnam University, Gyeongsan 38541, Republic of Korea

<sup>b</sup>College of Pharmacy, Duksung Women's University, Seoul 01369, Republic of Korea

\*Corresponding authors.

E-mail address: sangheeshim@duksung.ac.kr

Tel.: +82-2-901-8774

E-mail address: jtlee@ynu.ac.kr

Tel.: +82-53-810-2533

### Download English Version:

# https://daneshyari.com/en/article/8518855

Download Persian Version:

https://daneshyari.com/article/8518855

<u>Daneshyari.com</u>