

## Accepted Manuscript

Title: Purification, chemical structure and antioxidant activity of active ingredient (LPT-3d) separated from *Lachnum sp.*

Authors: Qingqing Wang, Shan Liu, Wu Tai, Jinglei Li, Ming Ye, Liu Yang



PII: S1359-5113(18)30016-3  
DOI: <https://doi.org/10.1016/j.procbio.2018.04.012>  
Reference: PRBI 11328

To appear in: *Process Biochemistry*

Received date: 4-1-2018  
Revised date: 13-2-2018  
Accepted date: 20-4-2018

Please cite this article as: Wang Qingqing, Liu Shan, Tai Wu, Li Jinglei, Ye Ming, Yang Liu. Purification, chemical structure and antioxidant activity of active ingredient (LPT-3d) separated from *Lachnum sp.* *Process Biochemistry* <https://doi.org/10.1016/j.procbio.2018.04.012>

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.

Purification, chemical structure and antioxidant activity of active ingredient (LPT-3d) separated from *Lachnum sp.*

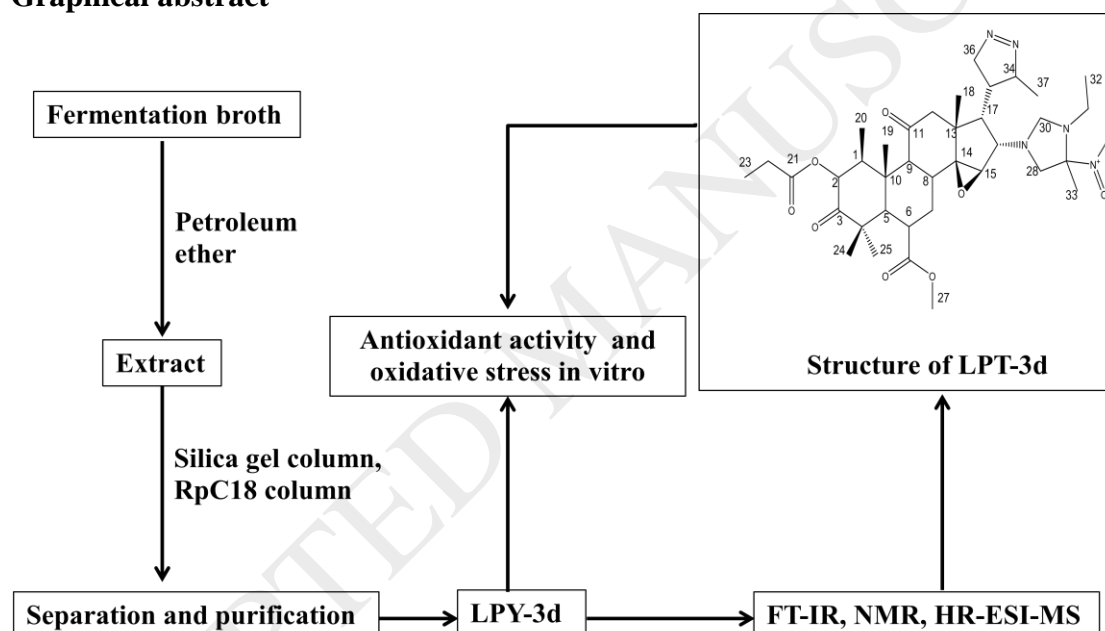
Qingqing Wang, Shan Liu, Wu Tai, Jinglei Li, Ming Ye, Liu Yang\*

*Microbial Resources and Application Laboratory, School of Food Science and Engineering, Hefei University of Technology, Hefei 230009, China*

\* Corresponding author.

E-mail addresses: yangliu199@163.com.

### Graphical abstract



### Highlights

- A new extracellular terpenoid pigment LPT-3d was isolated from *Lachnum sp.* DP5.
- The structure of LPT-3d was investigated through FT-IR, NMR and HR-ESI-MS.
- The antioxidant activity of LPT-3d was superior to Vitamin E.

Download English Version:

<https://daneshyari.com/en/article/6495037>

Download Persian Version:

<https://daneshyari.com/article/6495037>

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