

Author's Accepted Manuscript

Fluorescent ligand fishing combination with *in-situ* imaging and characterizing to screen Hsp 90 inhibitors from *Curcuma longa L* based on InP/ZnS quantum dots embedded mesoporous nanoparticles

Yue Hu, Anchen Fu, Zhaoyi Miao, Xiaojing Zhang, Tianlin Wang, An Kang, Jinjun Shan, Dong Zhu, Wei Li



PII: S0039-9140(17)30978-5
DOI: <http://dx.doi.org/10.1016/j.talanta.2017.09.035>
Reference: TAL17938

To appear in: *Talanta*

Received date: 30 May 2017
Revised date: 5 September 2017
Accepted date: 12 September 2017

Cite this article as: Yue Hu, Anchen Fu, Zhaoyi Miao, Xiaojing Zhang, Tianlin Wang, An Kang, Jinjun Shan, Dong Zhu and Wei Li, Fluorescent ligand fishing combination with *in-situ* imaging and characterizing to screen Hsp 90 inhibitors from *Curcuma longa L* based on InP/ZnS quantum dots embedded mesoporous nanoparticles, *Talanta*, <http://dx.doi.org/10.1016/j.talanta.2017.09.035>

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 galley proof before it is published in its final citable 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.

Fluorescent ligand fishing combination with *in-situ* imaging and characterizing to screen Hsp 90 inhibitors from *Curcuma longa L.* based on InP/ZnS quantum dots embedded mesoporous nanoparticles

Yue Hu^a, Anchen Fu^a, Zhaoyi Miao^a, Xiaojing Zhang^a, Tianlin Wang^a, An Kang^a, Jinjun Shan^c, Dong Zhu^{a,b,*}, Wei Li^a

^aSchool of Pharmacy, Nanjing University of Chinese Medicine, Nanjing, Jiangsu, 210023, P. R. China

^bJiangsu Key Laboratory for Functional Substance of Chinese Medicine and State Key Laboratory Cultivation Base for TCM Quality and Efficacy, Nanjing 210023, China

^cJiangsu Key Laboratory of Pediatric Respiratory Disease, Nanjing 210023, China

***Corresponding author at:** School of Pharmacy, Nanjing University of Chinese Medicine, Nanjing, Jiangsu, 210023, P. R. China. Tel./fax: +86 2585811839. dongzhu@njucm.edu.cn

Abstract

Although ligand fishing has been shown to be an efficient technique for the identification of bioactive components from complex mixtures such as natural products, it cannot be applied to biomedical image processing. Herein, a specific fluorescent ligand fishing

Download English Version:

<https://daneshyari.com/en/article/5140395>

Download Persian Version:

<https://daneshyari.com/article/5140395>

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