Accepted Manuscript

Title: A novel fluorescent turn-on probe for highly selective detection of nitroreductase in tumor cells

Authors: Kangning Zhu, Tianyi Qin, Chen Zhao, Zijie Luo, Yingying Huang, Bin Liu, Lei Wang

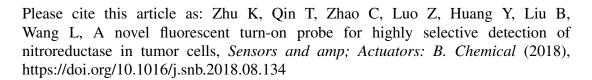
PII: S0925-4005(18)31572-7

DOI: https://doi.org/10.1016/j.snb.2018.08.134

Reference: SNB 25282

To appear in: Sensors and Actuators B

Received date: 3-5-2018 Revised date: 19-8-2018 Accepted date: 26-8-2018



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

A novel fluorescent turn-on probe for highly selective detection of nitroreductase in tumor cells

Kangning Zhu,^{a,b} Tianyi Qin,^{a,b} Chen Zhao,^c Zijie Luo,^a Yingying Huang,^a Bin Liu,^{a*} and Lei Wang^{a*}

^a Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen, 518060, China

^b Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, 518060, China

^c Key Laboratory of Natural Pesticide and Chemical Biology of Ministry of Education, South China Agricultural University, Guangzhou, 510642, China

Corresponding Authors:

Prof. Bin Liu, bliu@szu.edu.cn

Prof. Lei Wang, wl@szu.edu.cn

Download English Version:

https://daneshyari.com/en/article/10133679

Download Persian Version:

https://daneshyari.com/article/10133679

Daneshyari.com