Accepted Manuscript

A benzothiazole-based fluorescent probe for selective detection of H_2S in living cells and mouse hippocampal tissues

Yi Liu, Yan Ding, Jie Huang, Xiaofei Zhang, Tongyong Fang, Yuyun Zhang, Xian Zheng, Xia Yang

PII: S0143-7208(16)30712-4

DOI: 10.1016/j.dyepig.2016.11.038

Reference: DYPI 5607

To appear in: Dyes and Pigments

Received Date: 13 September 2016

Revised Date: 22 October 2016
Accepted Date: 20 November 2016

Please cite this article as: Liu Y, Ding Y, Huang J, Zhang X, Fang T, Zhang Y, Zheng X, Yang X, A benzothiazole-based fluorescent probe for selective detection of H₂S in living cells and mouse hippocampal tissues, *Dyes and Pigments* (2016), doi: 10.1016/j.dyepig.2016.11.038.

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

1 A benzothiazole-based fluorescent probe for selective detection of $\mathbf{H}_2\mathbf{S}$

2	in living cells and mouse hippocampal tissues
3	
4	Yi Liu, *** Yan Ding, ** Jie Huang, ** Xiaofei Zhang, ** Tongyong Fang, ** Yuyun Zhang, **
5	Xian Zheng, ^a and Xia Yang ^a
6	
7	^a Jiangsu Key Laboratory of New Drug Research and Clinical Pharmacy, School of
8	Pharmacy, Xuzhou Medical University, Xuzhou, Jiangsu 221004, China.
9	
10	#Fax: +86-0516-83262136, E-mail: cbpeliuyinew@163.com.
11	
12	†Electronic Supplementary Information (ESI) available: Synthesis, additional
13	methods, additional plots of UV and fluorescence, NMR and HR-MS analysis data,
14	additional other supporting data.
15	
16	*These authors contributed equally to this paper.

Download English Version:

https://daneshyari.com/en/article/4766272

Download Persian Version:

https://daneshyari.com/article/4766272

<u>Daneshyari.com</u>