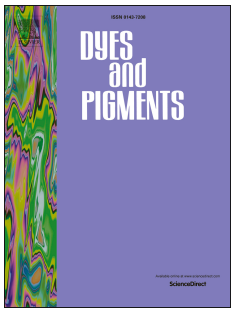
# Accepted Manuscript




A colorimetric and ratiometric fluorescent probe with enhanced near-infrared fluorescence for selective detection of cysteine and its application in living cells

Shumin Feng, Yang Fang, Weiyong Feng, Qingfeng Xia, Guoqiang Feng

PII: S0143-7208(17)31229-9

DOI: 10.1016/j.dyepig.2017.07.002

Reference: DYPI 6091

To appear in: *Dyes and Pigments*

Received Date: 27 May 2017

Revised Date: 24 June 2017

Accepted Date: 2 July 2017

Please cite this article as: Feng S, Fang Y, Feng W, Xia Q, Feng G, A colorimetric and ratiometric fluorescent probe with enhanced near-infrared fluorescence for selective detection of cysteine and its application in living cells, *Dyes and Pigments* (2017), doi: 10.1016/j.dyepig.2017.07.002.

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

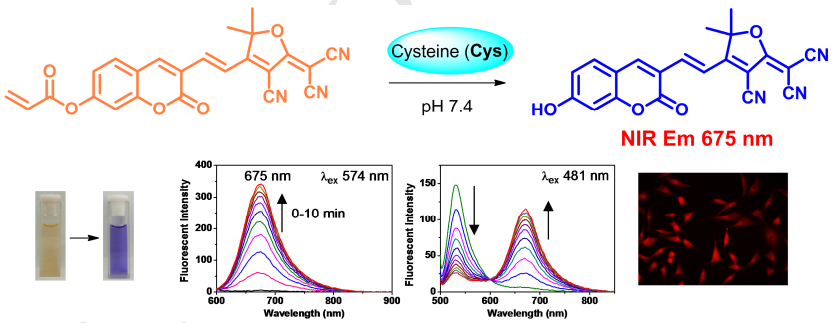
# A colorimetric and ratiometric fluorescent probe with enhanced near-infrared fluorescence for selective detection of cysteine and its application in living cells

Shumin Feng, Yang Fang, Weiyong Feng, Qingfeng Xia, and Guoqiang Feng*

Key Laboratory of Pesticide and Chemical Biology of Ministry of Education, College of Chemistry, Central China Normal University,152 Luoyu Road, Wuhan 430079, PR China

*Corresponding author E-mail: gf256@mail.ccnu.edu.cn

## Graphical Abstract



Download English Version:

https://daneshyari.com/en/article/4765572

Download Persian Version:

https://daneshyari.com/article/4765572

Daneshyari.com