Accepted Manuscript

A mitochondria targetable two-photon excited near-infrared fluorescent probe for imaging of H2O2 in live cells and tissues

Liyi Zhou, Haiyuan Ding, Wen Zhao, Shunqin Hu

PII:	S1386-1425(18)30818-7
DOI:	doi:10.1016/j.saa.2018.08.042
Reference:	SAA 16417
To appear in:	*Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*
Received date:	28 March 2018
Revised date:	21 August 2018
Accepted date:	24 August 2018

Please cite this article as: Liyi Zhou, Haiyuan Ding, Wen Zhao, Shunqin Hu , A mitochondria targetable two-photon excited near-infrared fluorescent probe for imaging of H2O2 in live cells and tissues. Saa (2018), doi:10.1016/j.saa.2018.08.042

A mitochondria targetable two-photon excited near-infrared fluorescent probe for imaging of H_2O_2 in live cells and tissues

Liyi Zhou[a,b,c,d,*] *, Haiyuan Ding*[a]*, Wen Zhao*[a]*, Shunqin Hu*[b]

[a]College of Food Science and Technology, Central South University of Forestry and Technology, Changsha 410004, P. R. China

[b]College of Life Sciences and Chemistry, Hunan University of Technology, Hunan 412007, P.R. China

[c]Hunan Key Laboratory of Processed Food for Special Medical Purpose, Hunan 410004, P. R. China

[d]State Key Laboratory for Chemo/Biosensing and Chemometrics, Hunan University, Changsha 410082, P.R. China

*To whom correspondence should be addressed.

E-mail: zhouly0817@163.com(L. Zhou)