

Accepted Manuscript

Title: A highly sensitive and selective turn-on fluorescent sensor for dihydrogen phosphate in living cells

Authors: Kun-Peng Wang, Si-Jie Zhang, Cheng-Dong Lv, Hui-Shi Shang, Zhi-Hui Jin, Shaojin Chen, Qi Zhang, Yu-Bing Zhanga, Zhi-Qiang Hu



PII: S0925-4005(17)30467-7
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2017.03.052>
Reference: SNB 21964

To appear in: *Sensors and Actuators B*

Received date: 5-12-2016
Revised date: 6-3-2017
Accepted date: 11-3-2017

Please cite this article as: Kun-Peng Wang, Si-Jie Zhang, Cheng-Dong Lv, Hui-Shi Shang, Zhi-Hui Jin, Shaojin Chen, Qi Zhang, Yu-Bing Zhanga, Zhi-Qiang Hu, A highly sensitive and selective turn-on fluorescent sensor for dihydrogen phosphate in living cells, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.03.052>

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.

**A highly sensitive and selective turn-on fluorescent sensor for
dihydrogen phosphate in living cells**

Kun-Peng Wang,^a Si-Jie Zhang,^a Cheng-Dong Lv,^a Hui-Shi Shang,^a Zhi-Hui Jin,^a

Shaojin Chen,^a Qi Zhang,^a Yu-Bing Zhang^a and Zhi-Qiang Hu ^{*a}

^a *College of Chemistry and Molecular Engineering, Qingdao University of Science
and Technology, Qingdao 266042, P. R. China.*

* Corresponding author at: College of Chemistry and Molecular Engineering, Qingdao

University of Science and Technology, Qingdao 266042, P. R. China.

E-mail: huzhiqiang@qust.edu.cn (Z.Q. Hu)

Download English Version:

<https://daneshyari.com/en/article/5009438>

Download Persian Version:

<https://daneshyari.com/article/5009438>

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