## Author's Accepted Manuscript

Multivalent Calix[4]arene-Based FluorescentSensorfor Detecting Silver Ions in Aqueous Media and Physiological Environment

Behzad Lotfi, Aliakbar Tarlani, Peyman Akbari-Moghaddam, Maryam Mirza-Aghayan, Ali Ahmadi Peyghan, Jacques Muzart, Reza Zadmard



www.elsevier.com/locate/bios

PII: S0956-5663(16)31222-2

DOI: http://dx.doi.org/10.1016/j.bios.2016.11.065

Reference: BIOS9387

To appear in: Biosensors and Bioelectronic

Received date: 28 September 2016 Revised date: 21 November 2016 Accepted date: 29 November 2016

Cite this article as: Behzad Lotfi, Aliakbar Tarlani, Peyman Akbari-Moghaddam Maryam Mirza-Aghayan, Ali Ahmadi Peyghan, Jacques Muzart and Reza Zadmard, Multivalent Calix[4]arene-Based FluorescentSensorfor Detecting Silver Ions in Aqueous Media and Physiological Environment, *Biosensors and Bioelectronic*, http://dx.doi.org/10.1016/j.bios.2016.11.065

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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 MANUSCR

Multivalent Calix[4]arene-Based FluorescentSensorfor Detecting Silver Ions

in Aqueous Media and Physiological Environment

Behzad Lotfi<sup>1</sup>, Aliakbar Tarlani<sup>1</sup>\*, Peyman Akbari-Moghaddam<sup>2</sup>, Maryam Mirza-Aghayan<sup>2</sup>, Ali Ahmadi Peyghan<sup>3</sup>, Jacques Muzart<sup>4</sup>, Reza Zadmard<sup>2</sup>

1. Faculty of Chemical Processes Development, Chemistry & Chemical Engineering

Research Center of Iran (CCERCI), Tehran, Iran.

2. Faculty of Modern Technologies, Chemistry & Chemical Engineering Research Center

of Iran (CCERCI), Tehran, Iran.

3. Physical Chemistry Department, Tarbiat Modares University, Tehran, Iran

4. Institut de Chimie Moléculaire de Reims, CNRS-Université de Reims Champagne-

Ardenne, BP 1039 51687, Reims cedex 2, France

\* Corresponding author: Tarlani@ccerci.ac.ir

Tel.: +98 21 44580720-40; Fax: +98 21 44580762

1

## Download English Version:

## https://daneshyari.com/en/article/5031260

Download Persian Version:

https://daneshyari.com/article/5031260

<u>Daneshyari.com</u>