

Accepted Manuscript

Title: Selective detection and quantification of tryptophan and cysteine with pyrenedione as a turn-on fluorescent probe

Authors: Yuannian Zhang, Wei Yao, Dong Liang, Mingtai Sun, Suhua Wang, Dejian Huang



PII: S0925-4005(17)32385-7
DOI: <https://doi.org/10.1016/j.snb.2017.12.059>
Reference: SNB 23747

To appear in: *Sensors and Actuators B*

Received date: 27-7-2017
Revised date: 10-12-2017
Accepted date: 11-12-2017

Please cite this article as: Yuannian Zhang, Wei Yao, Dong Liang, Mingtai Sun, Suhua Wang, Dejian Huang, Selective detection and quantification of tryptophan and cysteine with pyrenedione as a turn-on fluorescent probe, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2017.12.059>

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.

Selective detection and quantification of tryptophan and cysteine with pyrenedione as a turn-on fluorescent probe

Yuannian Zhang ^a, Wei Yao ^a, Dong Liang ^a, Mingtai Sun ^a, Suhua Wang ^b, Dejian Huang ^{a, c} *

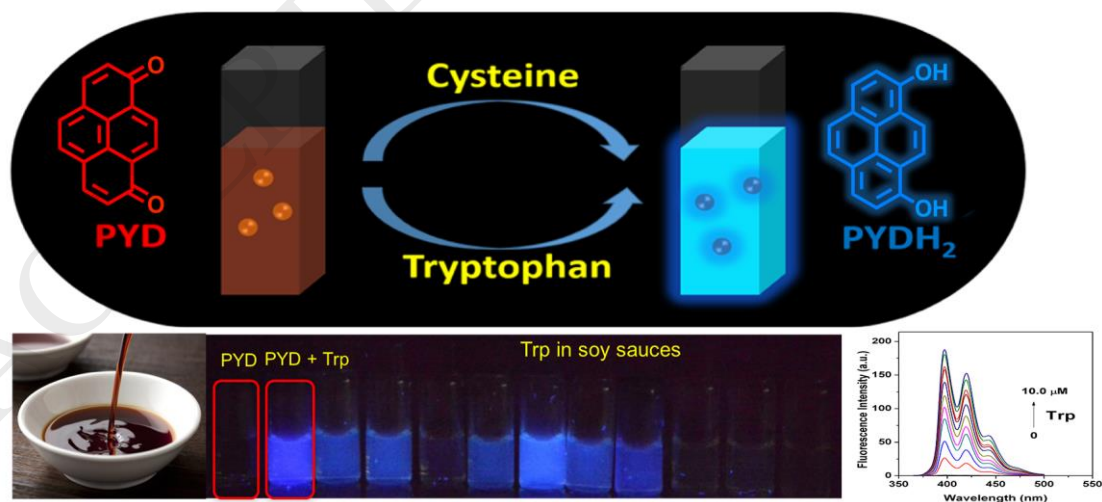
^a Food Science and Technology Program, Department of Chemistry, National University of Singapore, 3 Science Drive 3, Singapore 117543

^b School of Chemistry and Environment, North China Electric Power University, Beijing, 102206, China

^c National University of Singapore (Suzhou) Research Institute, 377 Lin Quan Street, Suzhou Industrial Park, Jiangsu 215123, China

Corresponding Author. E-mail address: chmhdj@nus.edu.sg (D. Huang)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7141153>

Download Persian Version:

<https://daneshyari.com/article/7141153>

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