## Accepted Manuscript

Title: A red-emitting fluorescent and colorimetric dual-channel sensor for cyanide based on a hybrid naphthopyran-benzothiazol in aqueous solution

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PII: S0925-4005(16)30491-9

DOI: http://dx.doi.org/doi:10.1016/j.snb.2016.04.021

Reference: SNB 19995

To appear in: Sensors and Actuators B

Received date: 9-12-2015 Revised date: 5-4-2016 Accepted date: 5-4-2016

Please cite this article as: Junjian Li, Xiaoliang Qi, Wei Wei, Gancheng Zuo, Wei Dong, A red-emitting fluorescent and colorimetric dual-channel sensor for cyanide based on a hybrid naphthopyran-benzothiazol in aqueous solution, Sensors and Actuators B: Chemical http://dx.doi.org/10.1016/j.snb.2016.04.021

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### ACCEPTED MANUSCRIPT

# A red-emitting fluorescent and colorimetric dual-channel sensor for cyanide based on a hybrid naphthopyran benzothiazol in aqueous solution

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