

Accepted Manuscript

Title: A mitochondria-targeting ratiometric fluorescent probe for imaging hydrogen peroxide with long-wavelength emission and large Stokes shift

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PII: S0925-4005(18)31557-0
DOI: <https://doi.org/10.1016/j.snb.2018.08.119>
Reference: SNB 25267

To appear in: *Sensors and Actuators B*

Received date: 24-4-2018
Revised date: 20-8-2018
Accepted date: 24-8-2018

Please cite this article as: He L, Liu X, Zhang Y, Yang L, Fang Q, Geng Y, Chen W, Song X, A mitochondria-targeting ratiometric fluorescent probe for imaging hydrogen peroxide with long-wavelength emission and large Stokes shift, *Sensors and amp; Actuators: B. Chemical* (2018), <https://doi.org/10.1016/j.snb.2018.08.119>

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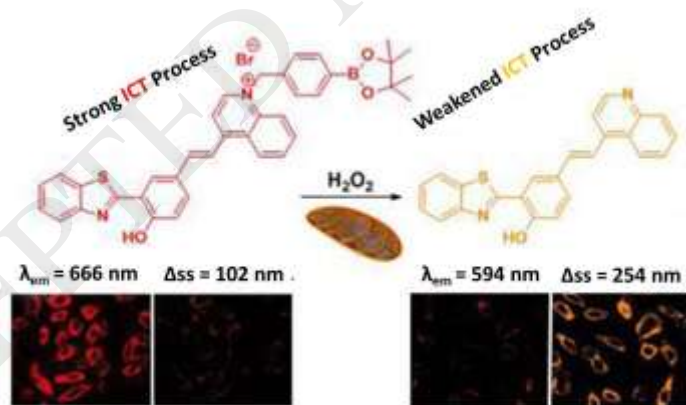
A mitochondria-targeting ratiometric fluorescent probe for imaging hydrogen peroxide with long-wavelength emission and large Stokes shift

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Graphical Abstract



A mitochondria-targeting fluorescence probe with long-wavelength emissions and large Stokes shifts for the sensitive and selective detection of H_2O_2 has been developed in a ratio manner under a single-wavelength excitation. The application of this new probe for intracellular H_2O_2 detection in mitochondria was successfully demonstrated.

Research Highlights

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