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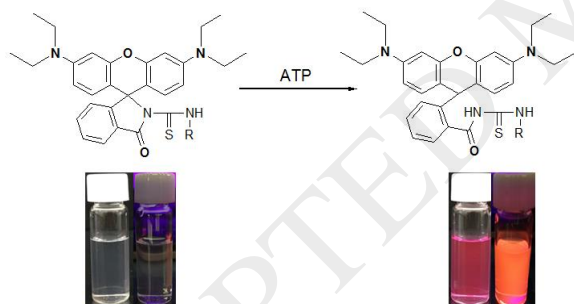
A New Kind of Rhodamine-Based Fluorescence Turn-on Probe for Monitoring ATP in Mitochondria

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Graphical Abstract



Highlights

- Three new rhodamine derivatives bearing thiourea group are synthesized and reported as chemosensors for ATP.
- Probe **1**, **2** and **3** showed distinct colorimetric and fluorescence changes with ATP.
- Probe **2** was successfully applied to monitor ATP in mitochondria.

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