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Title: A two-photon fluorescent probe derived from spirobifluorene for fast sensing of hypochlorite and mercury ions

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# A two-photon fluorescent probe derived from spirobifluorene for fast sensing of hypochlorite and mercury ions

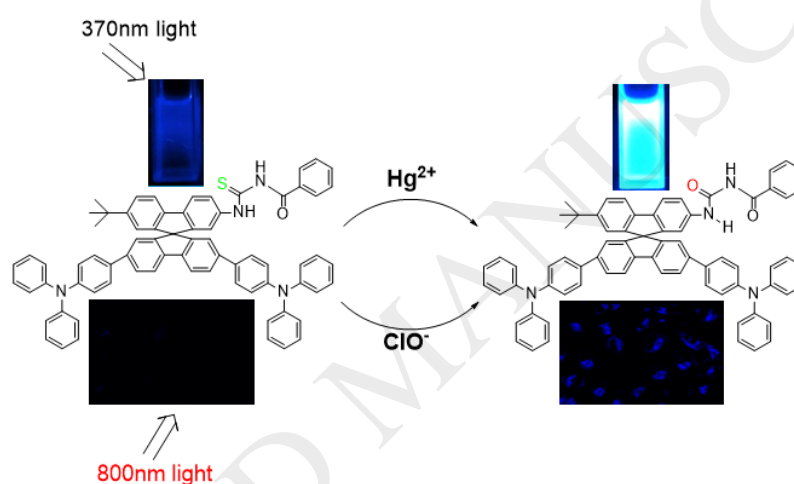
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## Graphical Abstract



## Highlights

- The probe displayed fast response toward  $\text{ClO}^-$  /  $\text{Hg}^{2+}$  with high sensitivity and selectivity.
- The probe was successfully applied to the two-photon fluorescence imaging of  $\text{ClO}^-$  /  $\text{Hg}^{2+}$  in living cells.
- This work provides a two-photon fluorescence probe for  $\text{ClO}^-$ , which is rarely reported till now.
- The detection limits for  $\text{ClO}^-$  /  $\text{Hg}^{2+}$  were lower than there obtained with most reported two-photon fluorescent probes.

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