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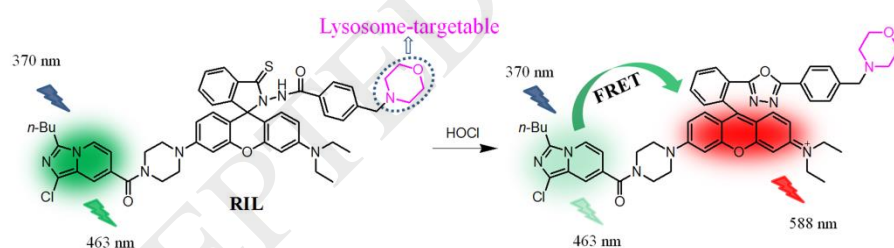
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Graphical abstract



Ratiometric HOCl fluorescent probe was designed on imidazo[1,5-a]pyridine-rhodamine FRET platform. Morpholine moiety, a lysosome-targetable group, was introduced into the probe.

Highlights

- A novel ratiometric HOCl probe was developed based on imidazo[1,5-a]pyridine-rhodamine FRET platform.
- The probe showed excellent selectivity and sensitivity to HOCl.

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