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A fluorescein-based “turn-on” fluorescence probe for hypochlorous acid detection and its application in cell imaging

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Highlights:

- A new C=N isomerization fluorescent probes were developed.
- The probes have excellent selectivity toward HOCl over other ROSs/RNSs and anions low detection limit (17.5 nM)
- The significant changes in color could be used for naked-eye detection
- The fluorescence imaging demonstrated its value of practical application.

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