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pH-mediated reversible fluorescence nanoswitch based on inner filter effect induced fluorescence quenching for selective and visual detection of 4-nitrophenol

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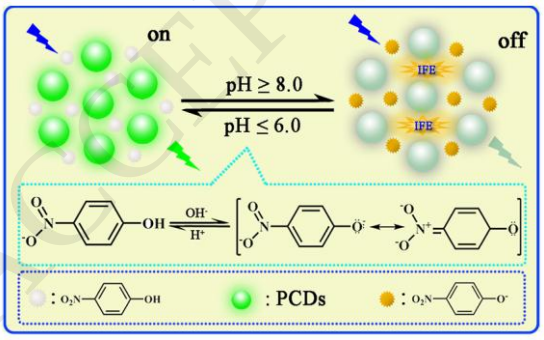
Graphical abstract



Highlights

- A pH-mediated reversible fluorescence nanoswitch was designed for sensing 4-NP.