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A Self-Assembled Micellar Nanoprobe for Specific Recognition of Hydrazine *In Vitro* and *In Vivo*

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Highlights:

- The nanoprobe exhibits ultra-sensitivity, fast response and high selectivity for hydrazine and good biocompatibility.
- The nanoprobe shows favourable cellular uptaken and was successfully used to detect intracellular hydrazine in living cells.

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