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Direct and Sensitive Determination of Trypsin in Human Urine Using a Water-Soluble Signaling Fluorescent Molecularly Imprinted Polymer Nanoprobe

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Highlights

- Aqua nanoMIP was synthesized by incorporating a signaling fluorescent monomer
- The signaling monomer contains a benzamidine moiety, an inhibitor of trypsin
- Trypsin exhibits fluorescence enhancement when binding to the MIP
- MIP was applied for the sensitive and selective quantification of trypsin in urine

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