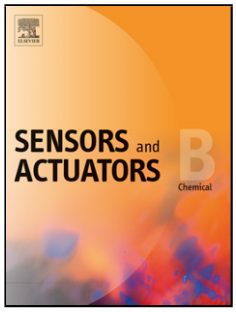

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PII: S0925-4005(17)32208-6
DOI: https://doi.org/10.1016/j.snb.2017.11.077
Reference: SNB 23571

To appear in: *Sensors and Actuators B*

Received date: 7-7-2017
Revised date: 14-11-2017
Accepted date: 15-11-2017

Please cite this article as: Jingjing Xu, Elise Prost, Karsten Haupt, Bernadette Tse Sum Bui, Direct and Sensitive Determination of Trypsin in Human Urine Using a Water-Soluble Signaling Fluorescent Molecularly Imprinted Polymer Nanoprobe, Sensors and Actuators B: Chemical https://doi.org/10.1016/j.snb.2017.11.077

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