

**Supplementary Material: Determination of Mercury
(II) on a Centrifugal Microfluidic Device Using Ionic Liquid Dispersive Liquid-Liquid
Microextraction**

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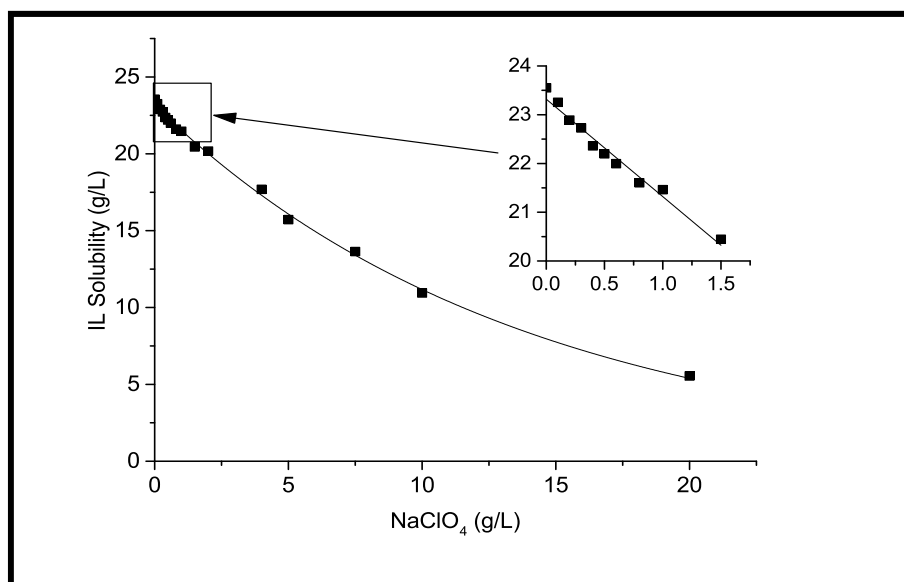


Figure S1. Influence of NaClO₄ on the solubility of [OPy]⁺[BF₄]⁻ in water at room temperature.

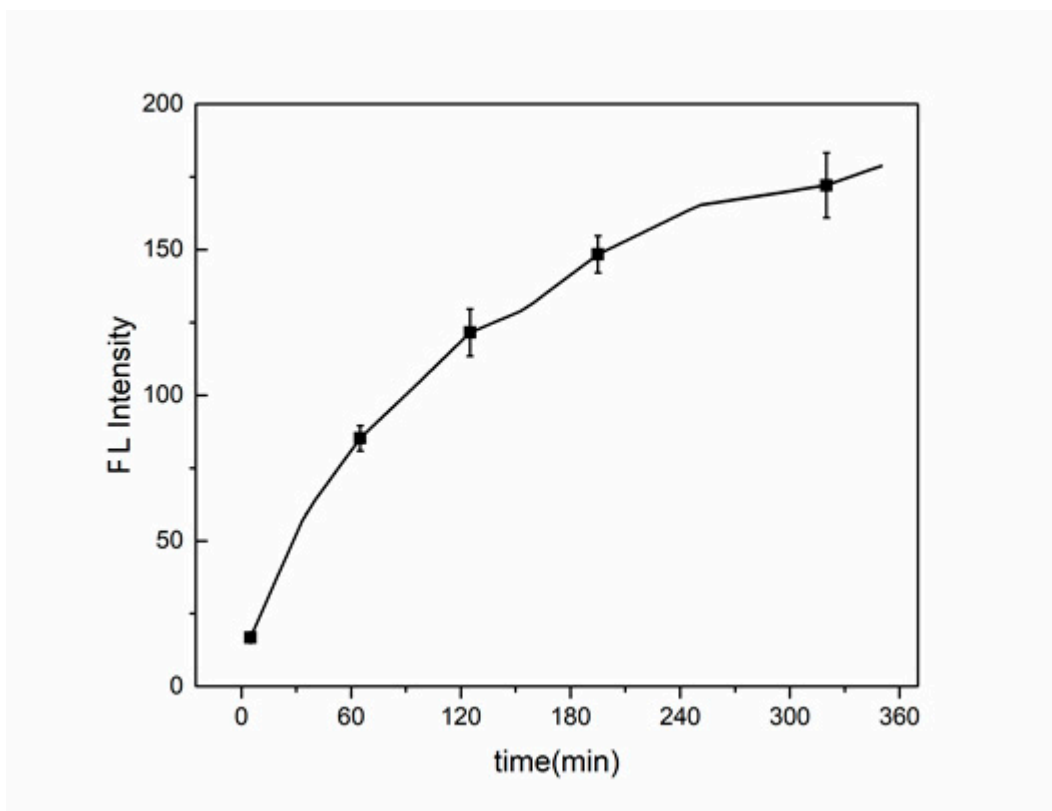


Figure S2. The FL intensity of 10 μ M PTR and 10 μ M mercury solutions with 25% IL, water fraction of 70%, in water bath (55°C).

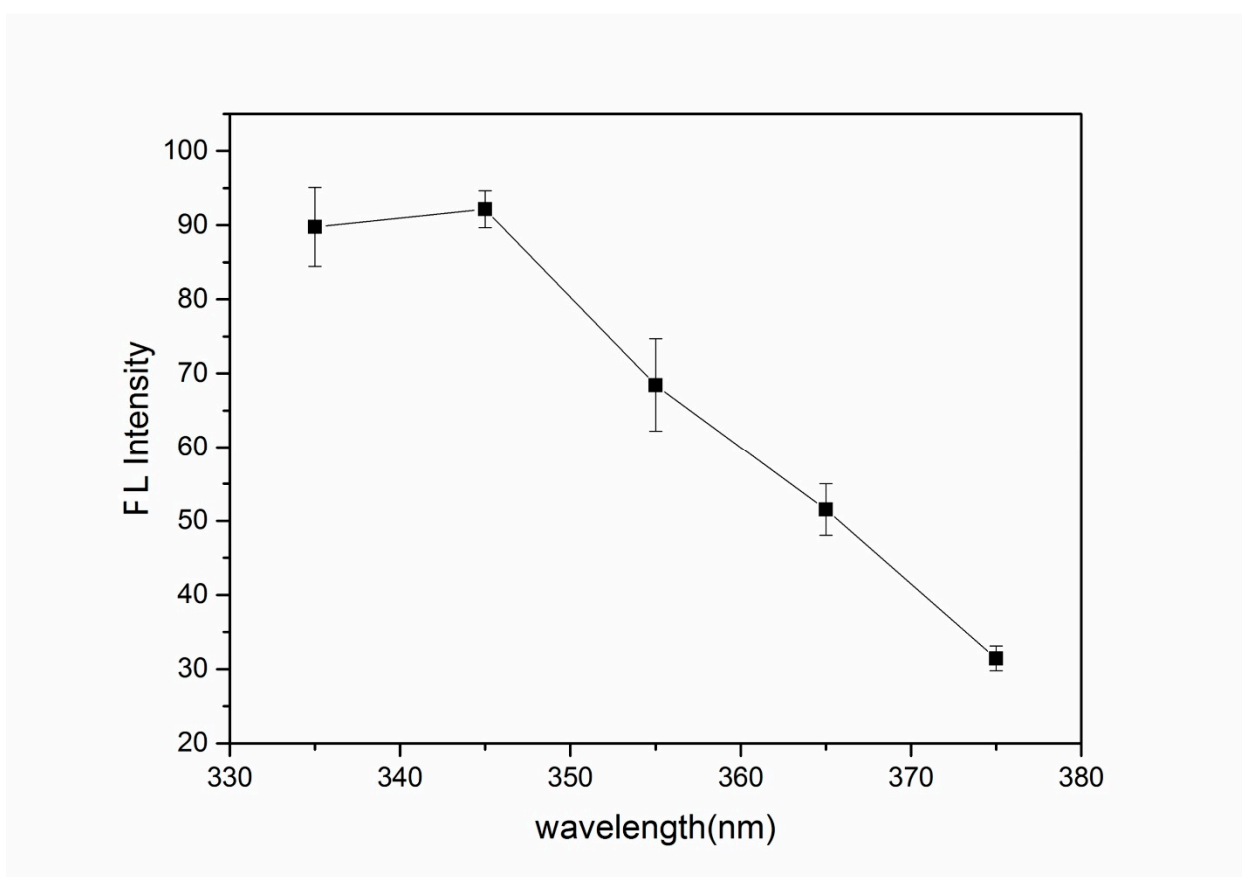


Figure S3. The fluorescence (FL) intensity at 589.2 nm under different excitation wavelengths.