A hybrid method combined electrochemical and fluorescence measurement for highly selective and sensitive detection of Cd$^{2+}$

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**Figure S1.** The procedure of fabricating the screen-printed electrodes (SPEs).
**Figure S2.** The fluorescence spectra of serial concentration of (A) Ag⁺, (B) Pb²⁺, (C) Zn²⁺, (D) Cu²⁺, (E) Mn²⁺, (F) Fe³⁺, (G) Cr³⁺ and (H) Bi³⁺ adding into the 2 mL hexamethylenetetramine buffer containing 10.0 μmol/L Fura-2.