

A Polymer-Based Turn-on Fluorescent Sensor for Specific Detection of Hydrogen Sulfide

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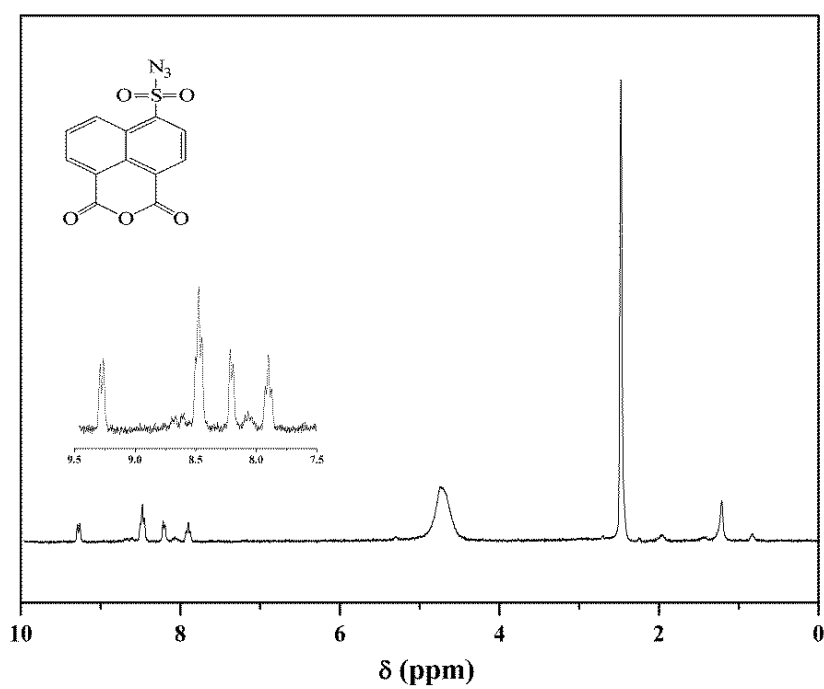


Figure S1. ¹H NMR spectra of compound 2

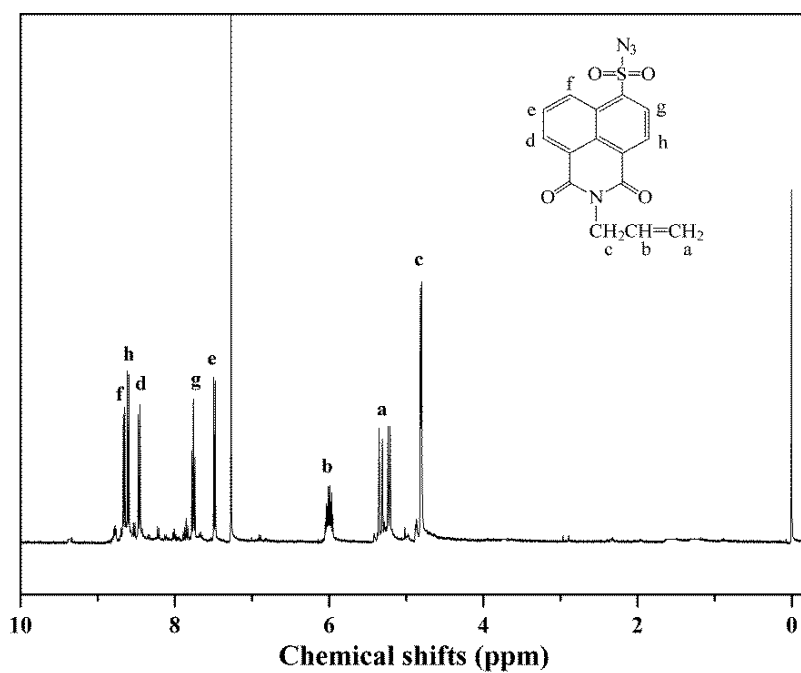


Figure S2. ¹H NMR spectra of AISA

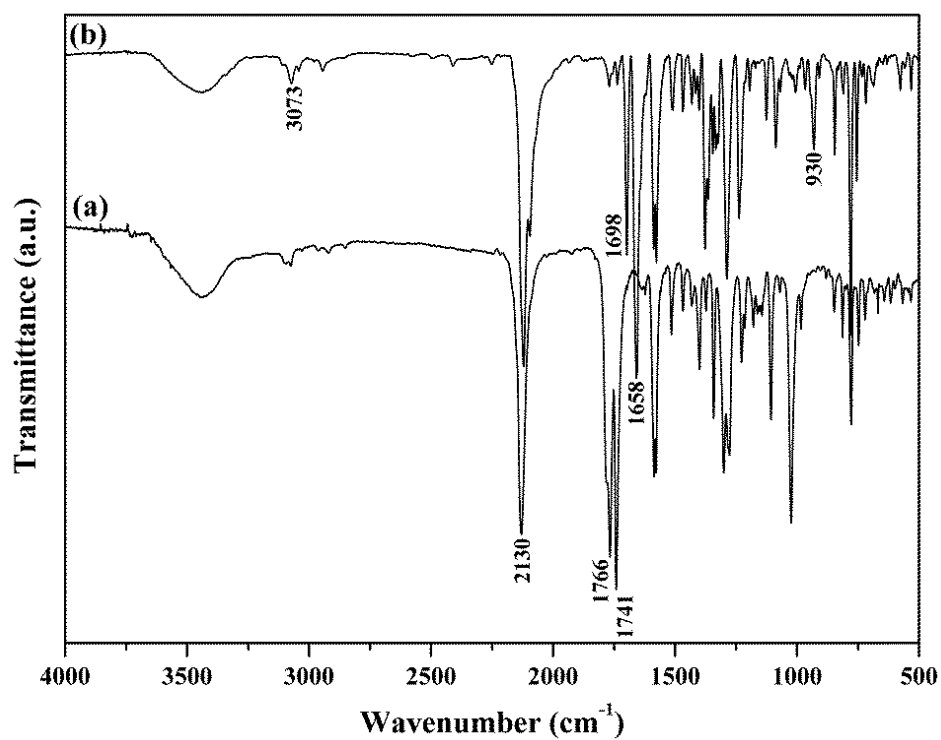


Figure S3. FT-IR spectra of (a) compound 2, (b) AISA

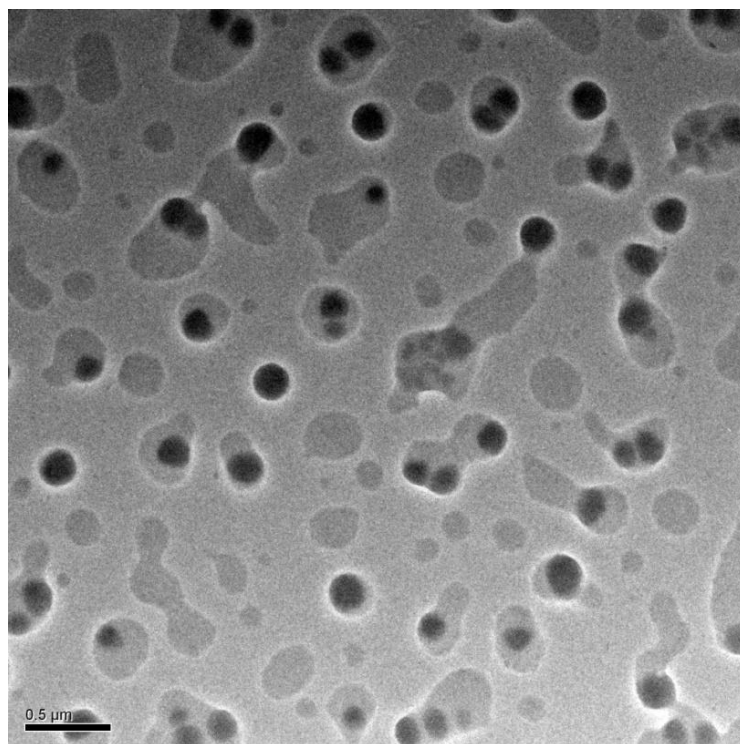


Figure S4. TEM images of PSAISA

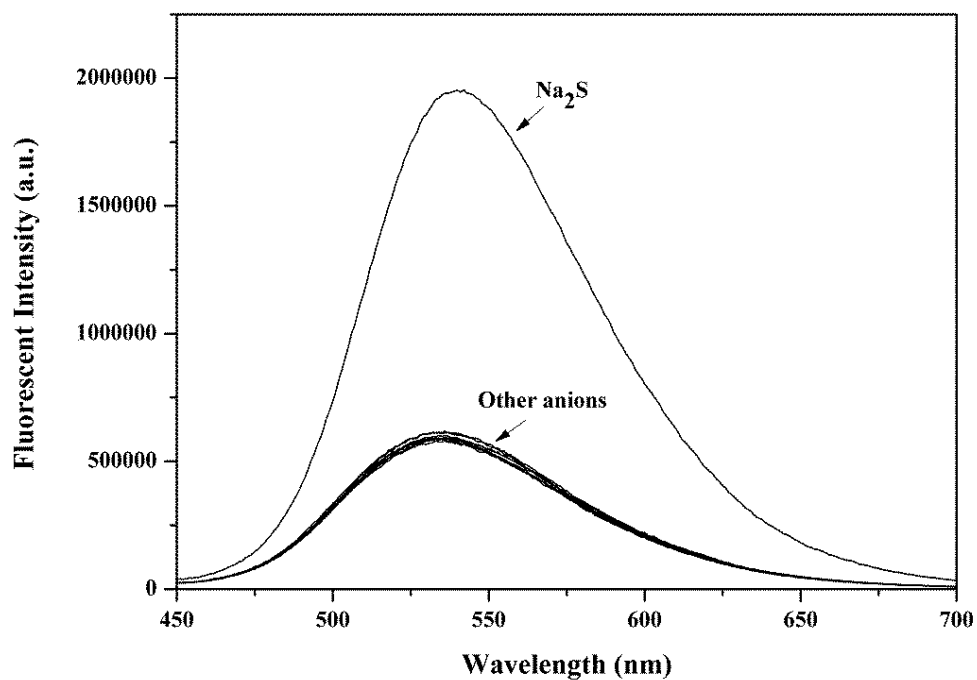


Figure S5. Fluorescence spectra of PSAISA (100 $\mu\text{g}/\text{mL}$) in PBS/ CH_3CN (1/1, v/v, pH 7.4) in presence of different biologically relevant anions (1 mM Cl^- , 1 mM Br^- , 150 μM HCO_3^- , 150 μM HSO_3^- , 150 μM SO_4^{2-} , 150 μM $\text{S}_2\text{O}_3^{2-}$, 150 μM SCN^- , 300 μM Na_2S and cysteine).