

Figure S1. IR spectra of B1NIn, B2NIn, B3NIn and as-prepared boehmite.

Figure S2. Calibration curve for the determination of the amount of attached indole in B1NIn, B2NIn and B3NIn.

Figure S3. . A and B show Emission Intensity vs. Concentration of Cu^{2+} Ions and Fluorescence Emission Intensity vs. pH curves for the system Cu^{2+} -**B3NIn**. Figures C and D represent similar plots for the sytem Zn^{2+} -**B3NIn**.

Figure S4. Fluorescence Emission vs. molar concentration of ATP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ATP-**B2NIn**.

Figure S5. Fluorescence Emission vs. molar concentration of ADP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ADP-**B2NIn**.

Figure S6. Fluorescence Emission vs. molar concentration of AMP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system AMP-**B2NIn**.

Figure S7. Fluorescence Emission vs. molar concentration of ATP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ATP-**B1NIn**.

Figure S8. Fluorescence Emission vs. molar concentration of ADP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ADP-**B1NIn**.

Figure S9. Fluorescence Emission vs. molar concentration of AMP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system AMP-**B1NIn**.

Figure S10. Stern-Volmer plot for the system ADP-**B2NIn**.

Figure S11. Stern-Volmer plot for the system AMP-**B2NIn**.

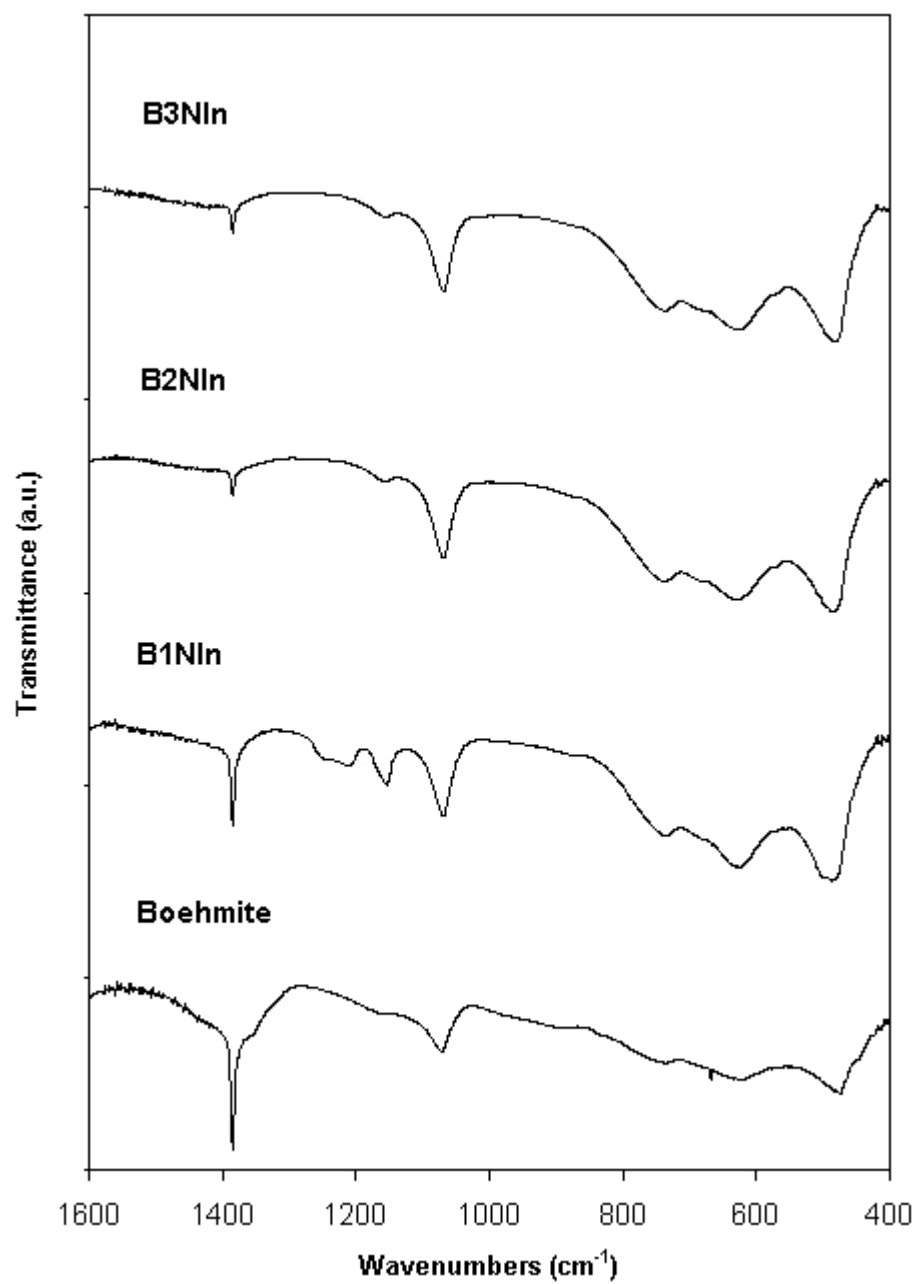


Figure S1. IR spectra of B1NIn, B2NIn, B3NIn and as-prepared boehmite.

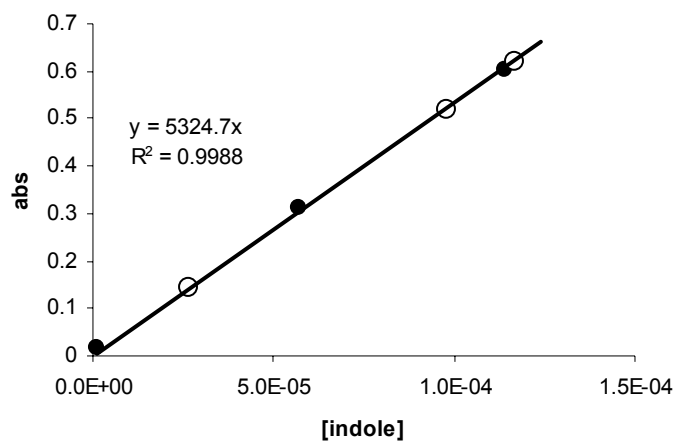


Figure S2. Calibration curve for the determination of the amount of attached indole in B1NIn, B2NIn and B3NIn.

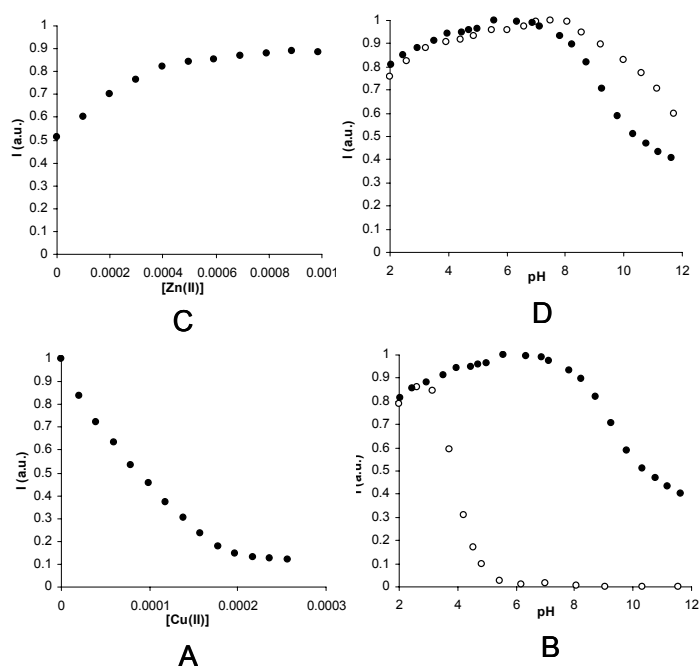


Figure S3. A and B show Emission Intensity vs. Concentration of Cu^{2+} Ions and Fluorescence Emission Intensity vs. pH curves for the system Cu^{2+} -**B3NIn**. Figures C and D represent similar plots for the system Zn^{2+} -**B3NIn**.

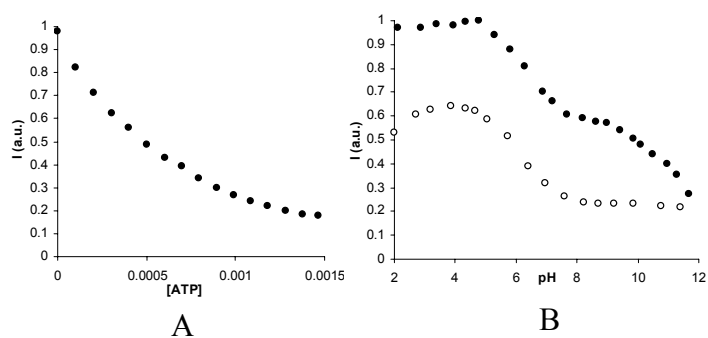


Figure S4. Fluorescence Emission vs. molar concentration of ATP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ATP-**B2NIn**.

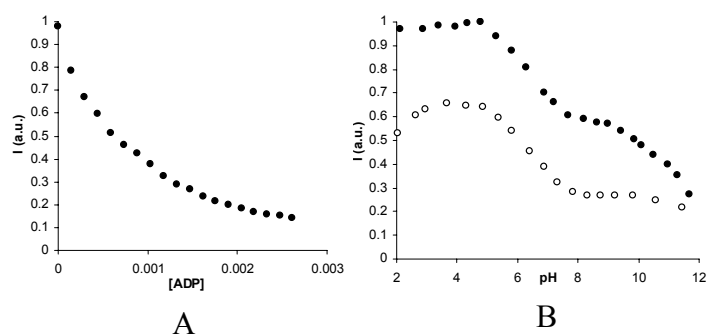


Figure S5. Fluorescence Emission vs. molar concentration of ADP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ADP-B2NIn.

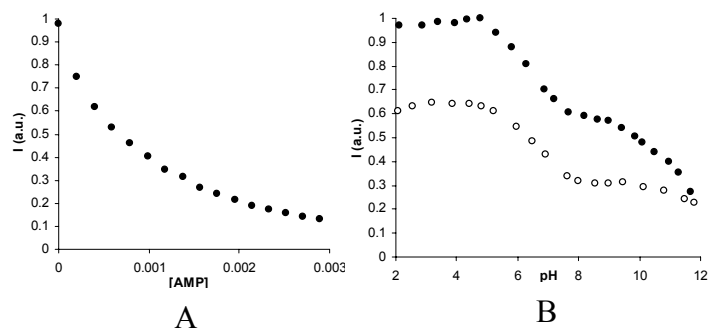


Figure S6. Fluorescence Emission vs. molar concentration of AMP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system AMP-B2NIn.

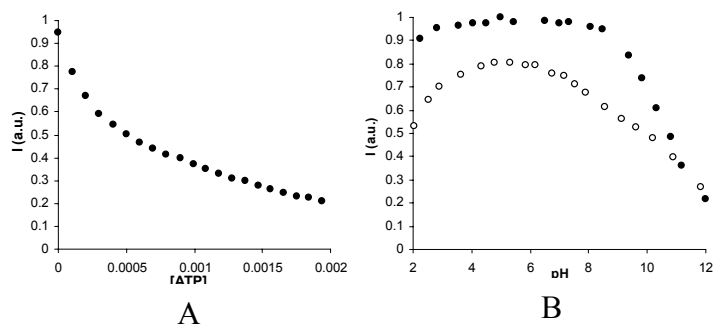


Figure S7. Fluorescence Emission vs. molar concentration of ATP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ATP-**B1NIn**.

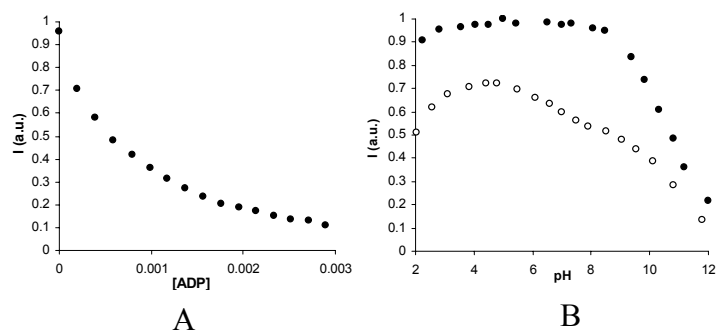


Figure S8. Fluorescence Emission vs. molar concentration of ADP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system ADP-B1NIn.

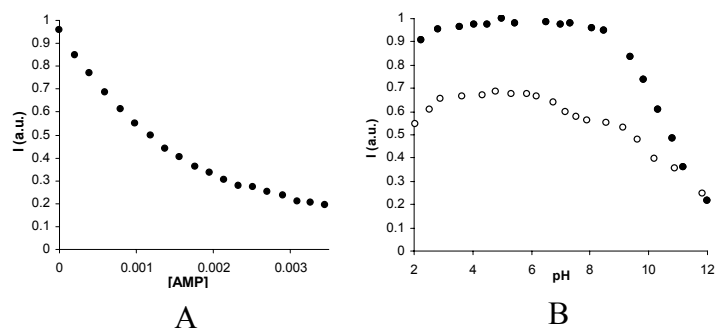


Figure S9. Fluorescence Emission vs. molar concentration of AMP (A) and Fluorescence Emission Intensity vs. pH (B) curves for the system AMP-B1NIn.

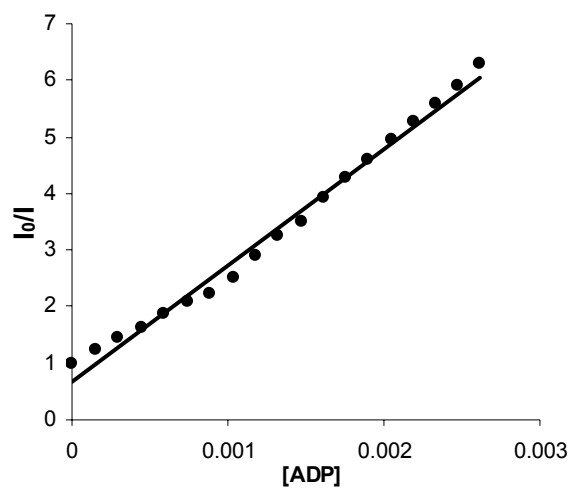


Figure S10. Stern-Volmer plot for the system ADP-B2NIn.

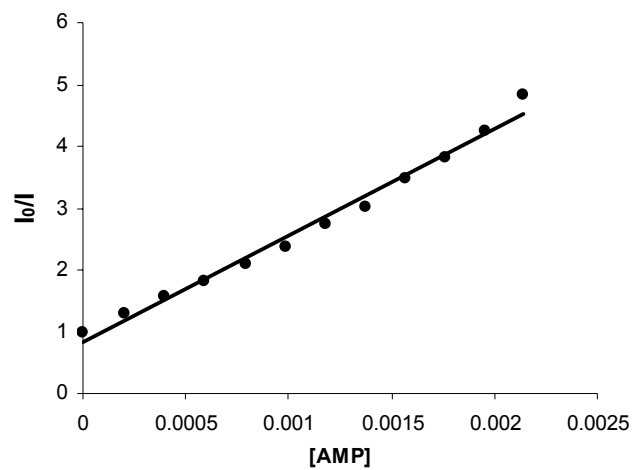


Figure S11. Stern-Volmer plot for the system AMP-B2NIn.