

An 2-(2'-aminophenyl)benzoxazole-based OFF–ON fluorescent chemosensor for Zn^{2+} in aqueous solution

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Electronic Supplementary Information (ESI†)

Contents

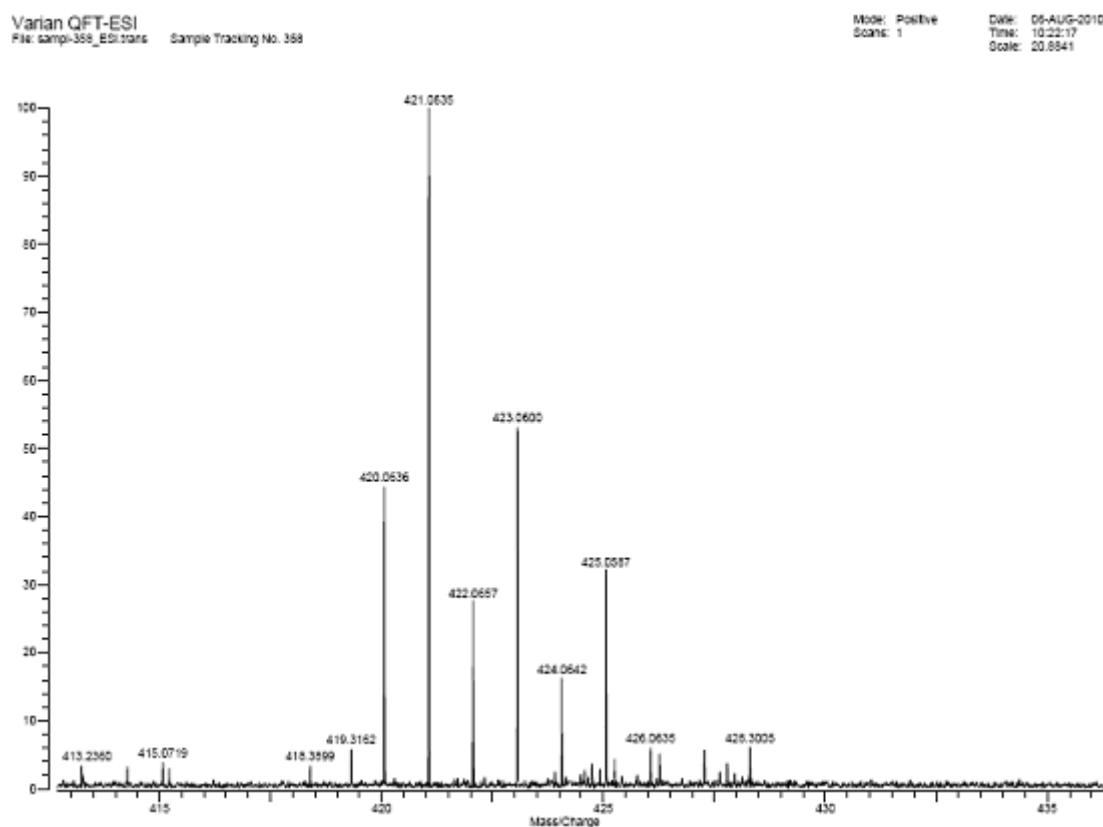


Figure S1. The ESI-MS for 1- Zn^{2+} .

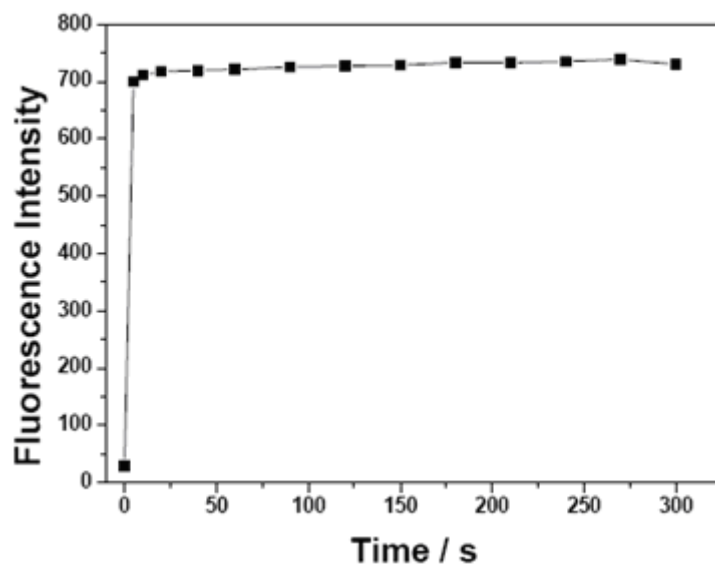


Figure S2. Time course of the fluorescence response of **1** (10 μ M) in Tris-HCl buffer (10 mM, pH = 7.2) upon addition of 3 equiv of $\text{Zn}(\text{NO}_3)_2$.

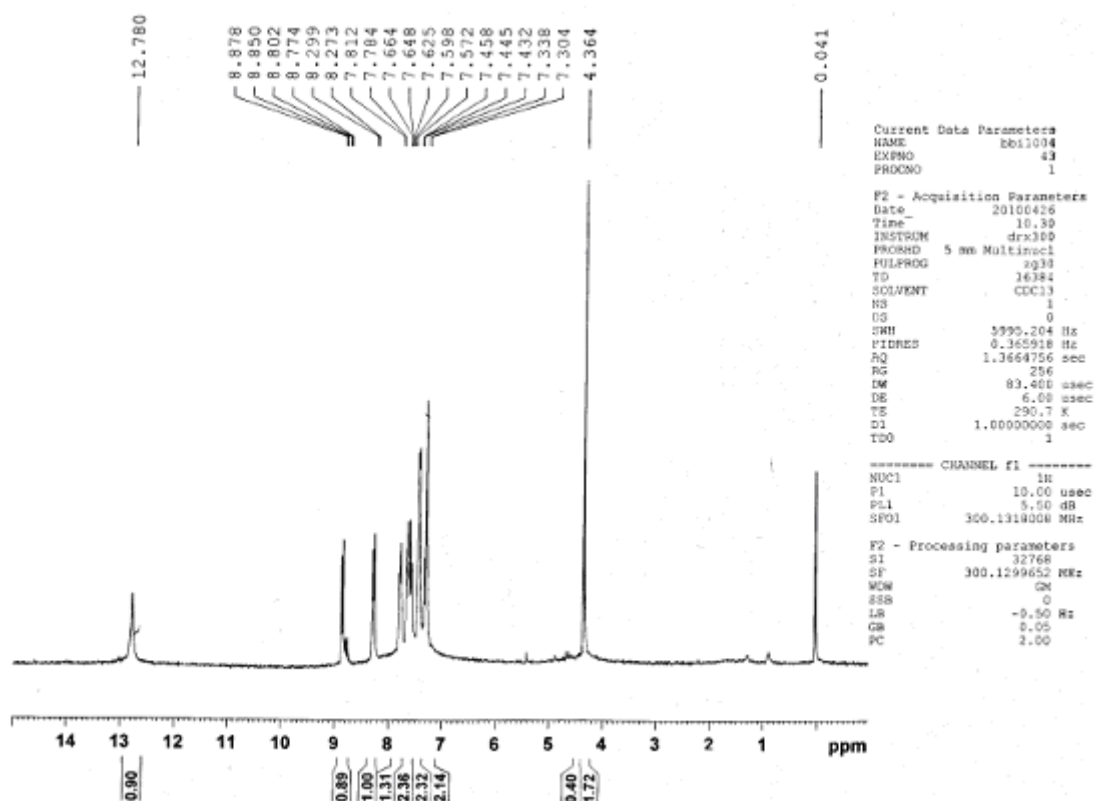


Figure S3. The ^1H NMR spectra of **2**.

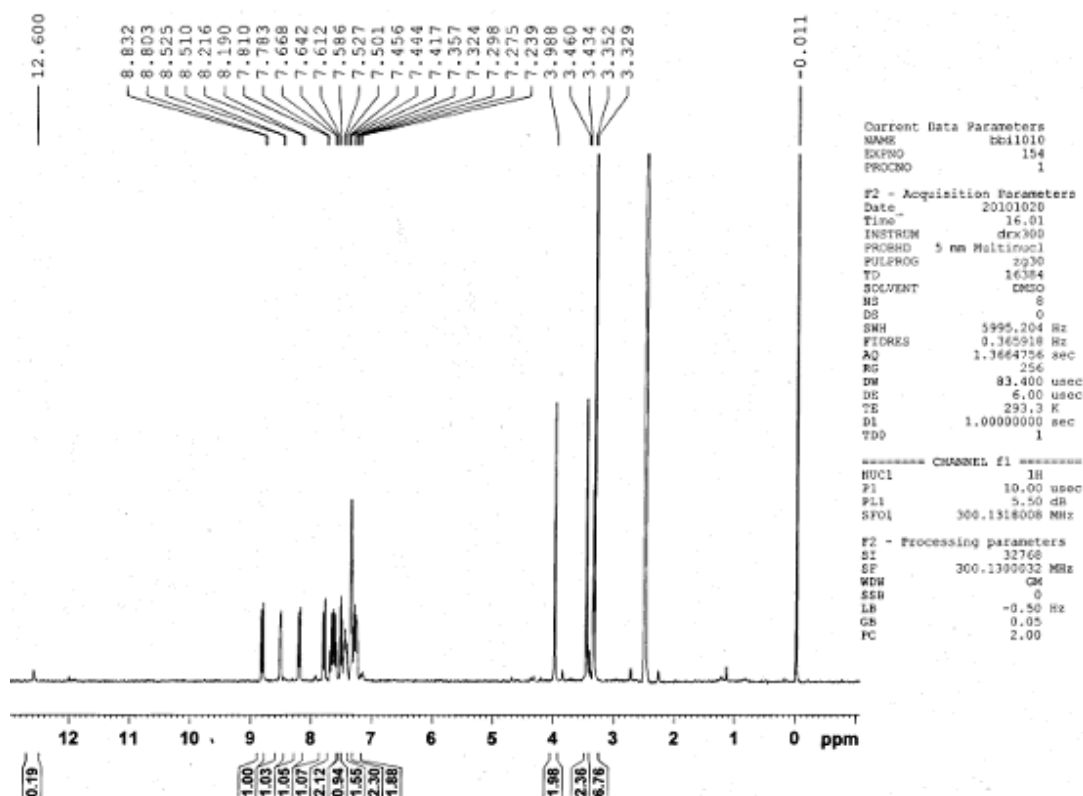


Figure S4. The ^1H NMR spectra of 1.

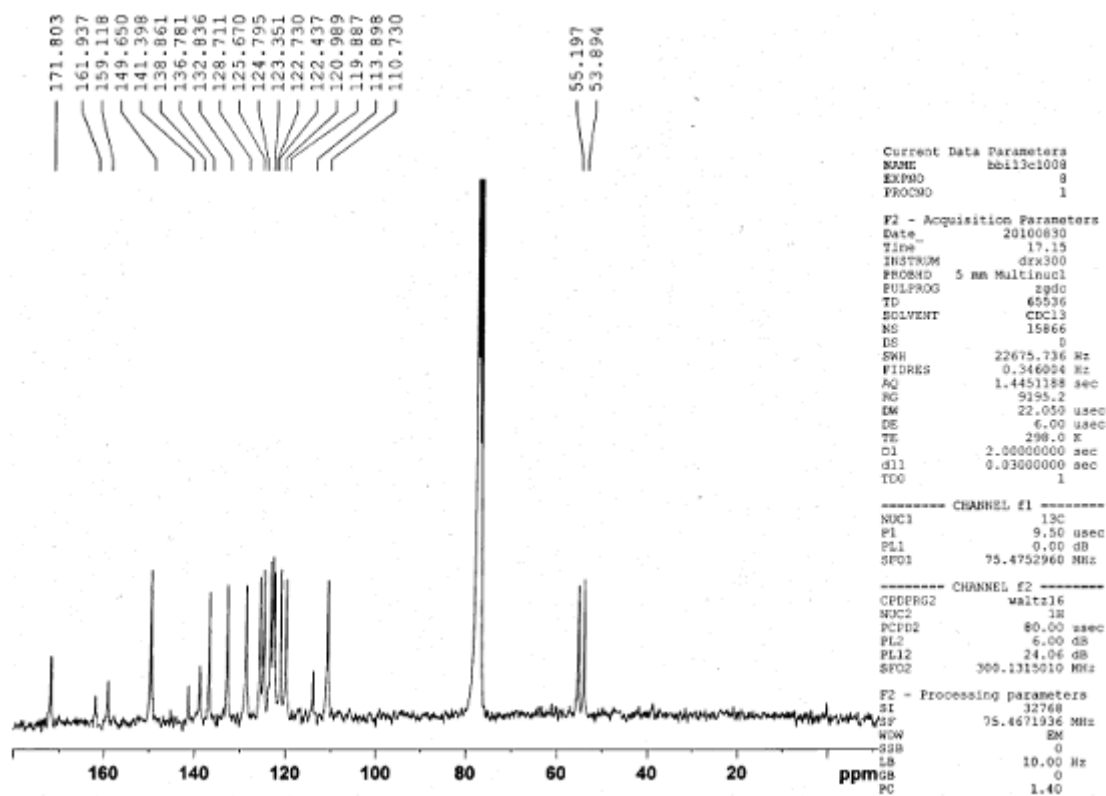


Figure S5. The ^{13}C NMR spectra of 1.

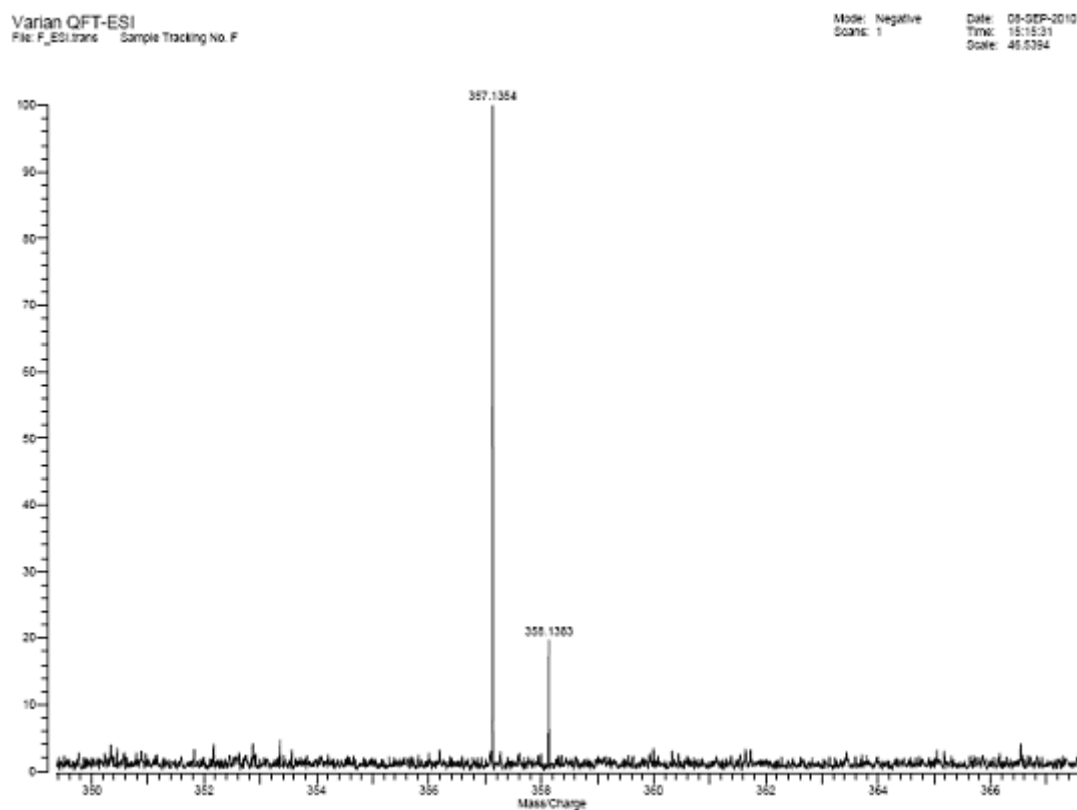


Figure S6. The ESI-MS for **1**.

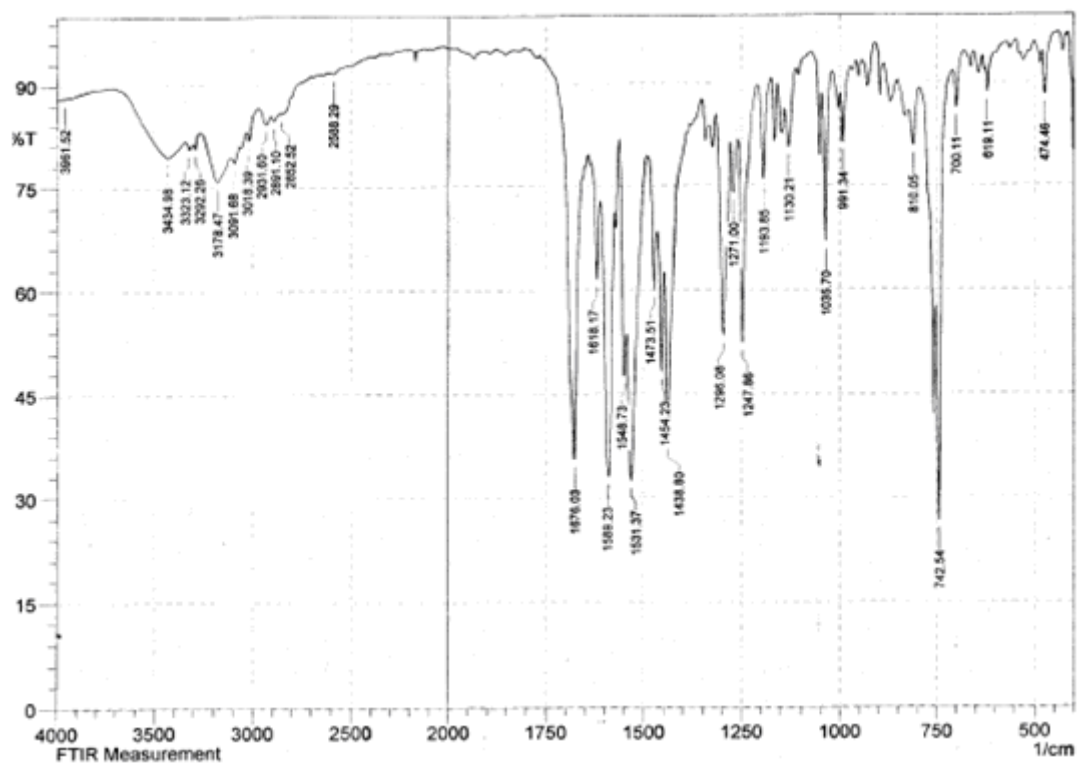


Figure S7. FTIR chart for **1**.