

A Novel coumarin-based colorimetric and fluorescent probe for detecting increasing concentrations of Hg²⁺ *in vitro* and *in vivo*

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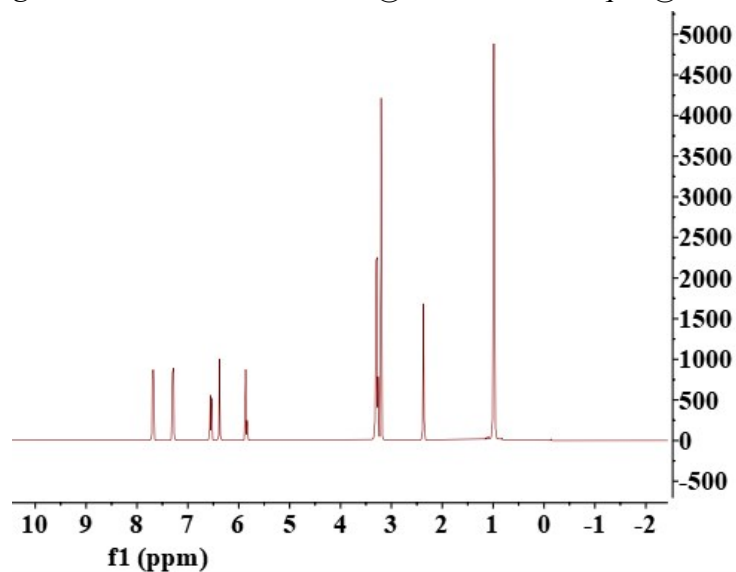


Figure S1. ¹H NMR of compound 1

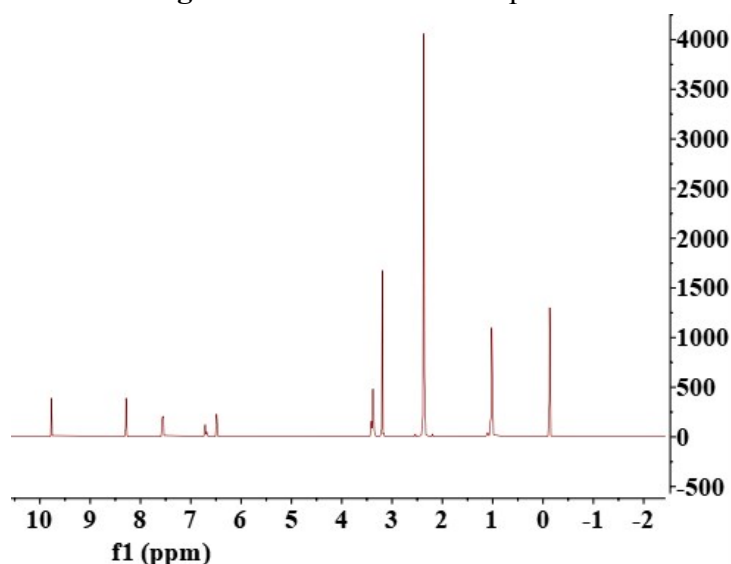


Figure S2. ¹H NMR of compound 2

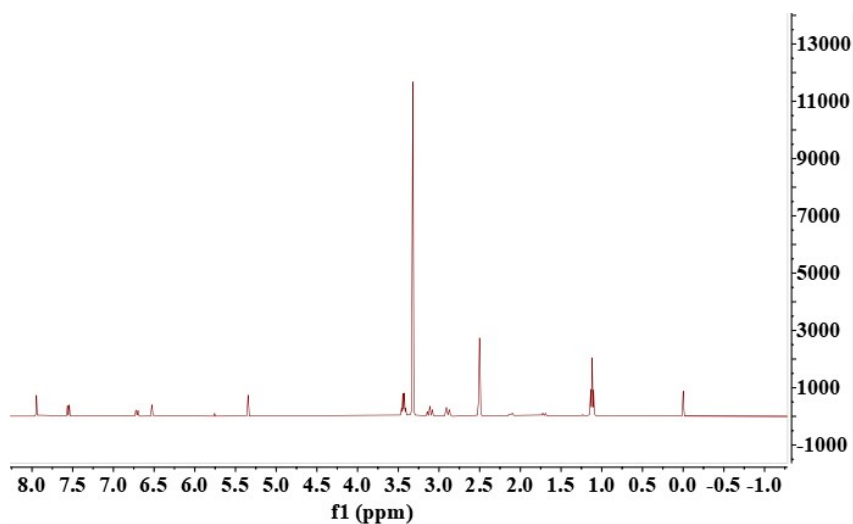


Figure S3. ^1H NMR of probe CNS

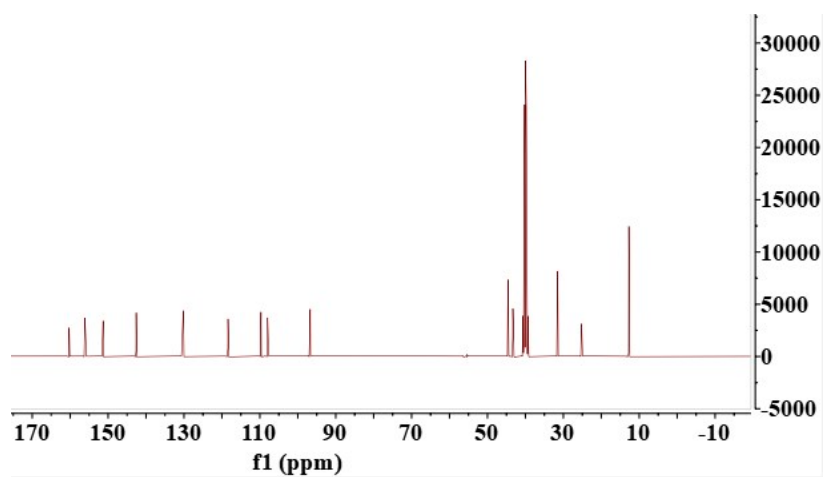


Figure S4. ^{13}C NMR of probe CNS

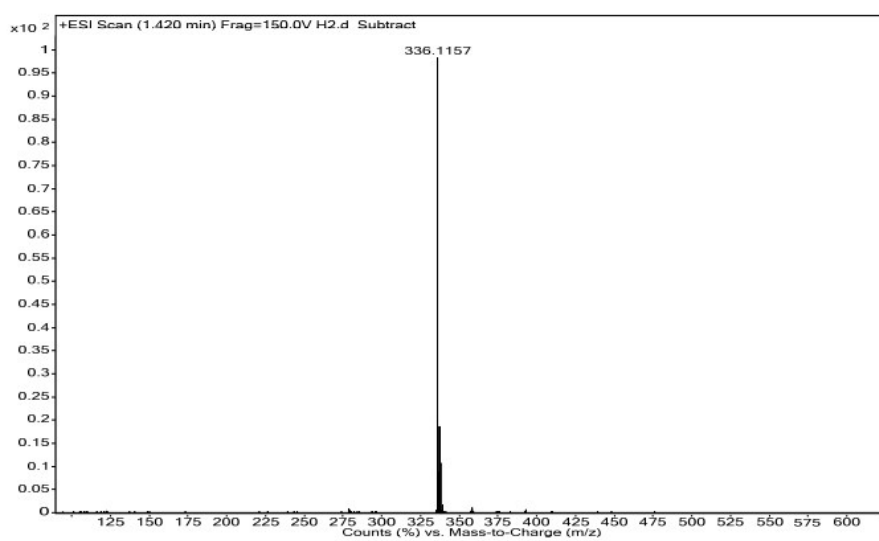


Figure S5. HRMS of probe CNS

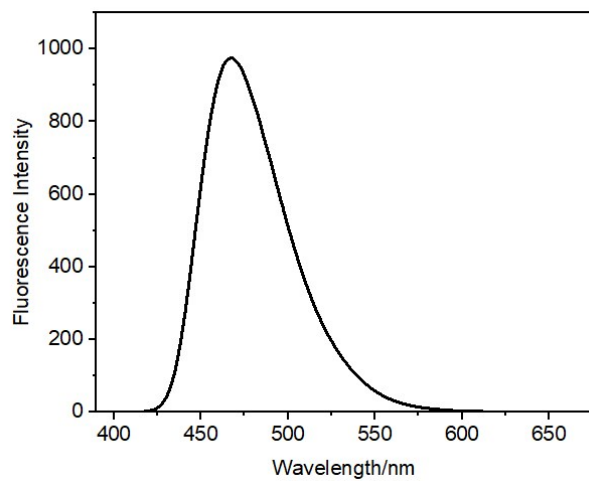


Figure S6. The emission wavelength of CNS. Excitation wavelength =390nm.