

Supporting Information

SYNTHESIS OF 2,3-ANTHRACENEDICARBOXYLIC-ACID-DERIVED FLUOROPHORE AND CHEMILUMINOPHORE INCORPORATING DIPICOLYLAMINOMETHYL RECEPTORS, AND THEIR LUMINESCENCE RESPONSES TO METAL IONS

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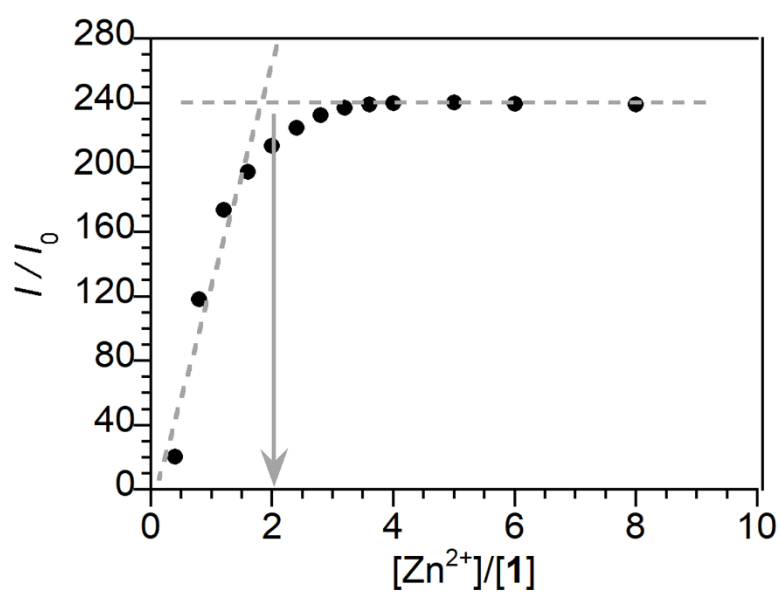


Figure S1. Fluorescence titration curve for compound **1** (1×10^{-5} M) with Zn^{2+} in MeCN.

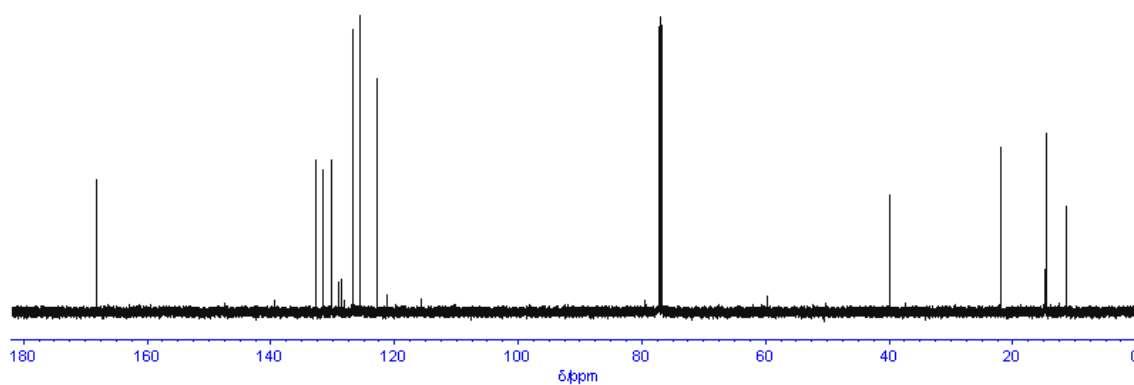
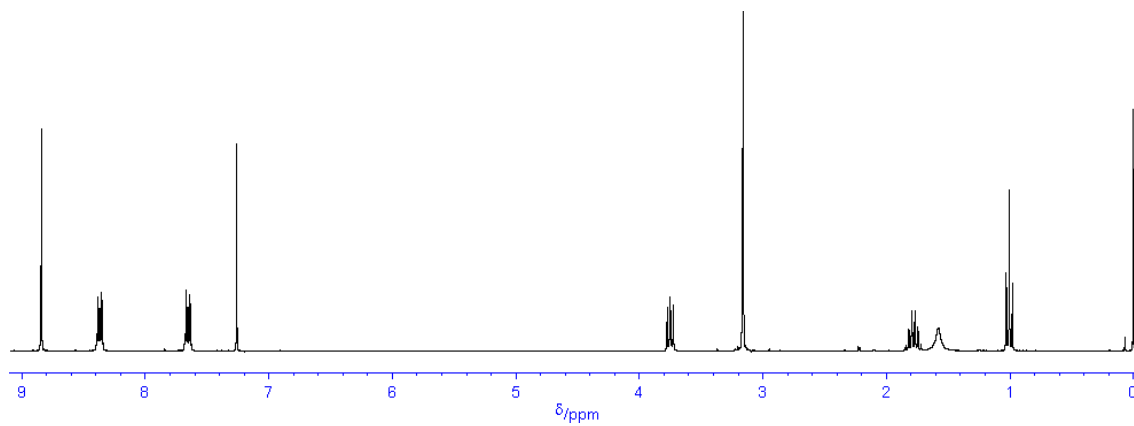
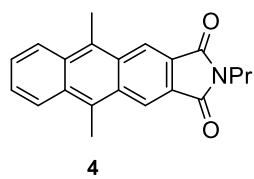


Figure S2 ^1H (upper, 300 MHz) and ^{13}C (lower, 151 MHz) NMR spectra of compound **4** (CDCl_3).

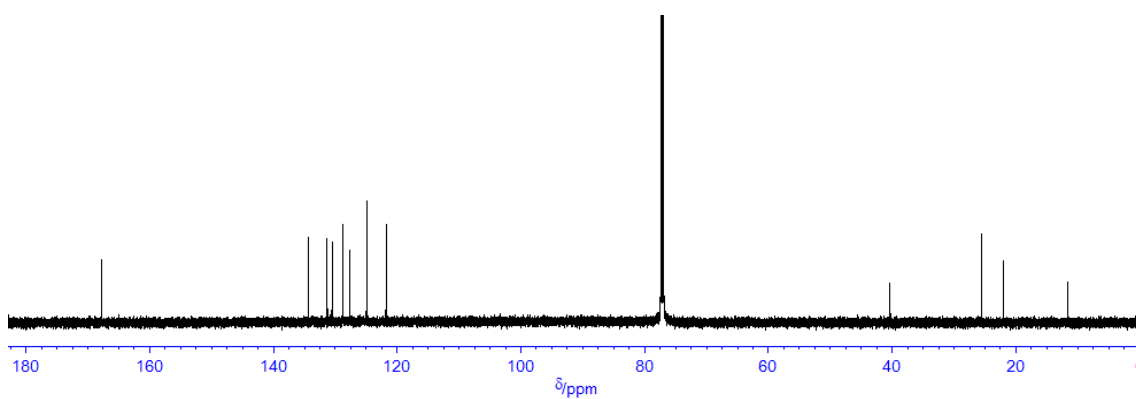
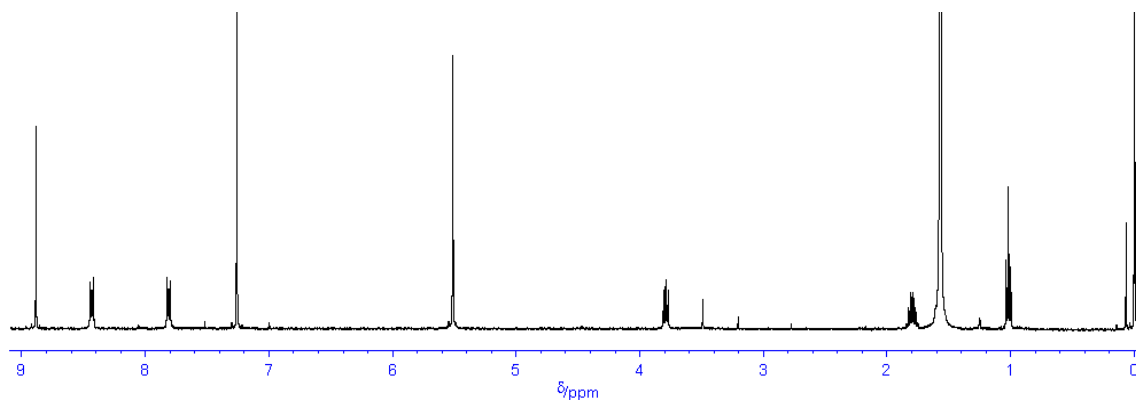
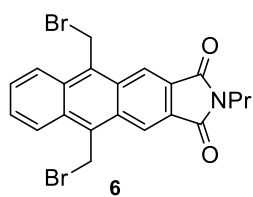


Figure S3 ^1H (upper, 300 MHz) and ^{13}C (lower, 151 MHz) NMR spectra of compound **6** (CDCl_3).

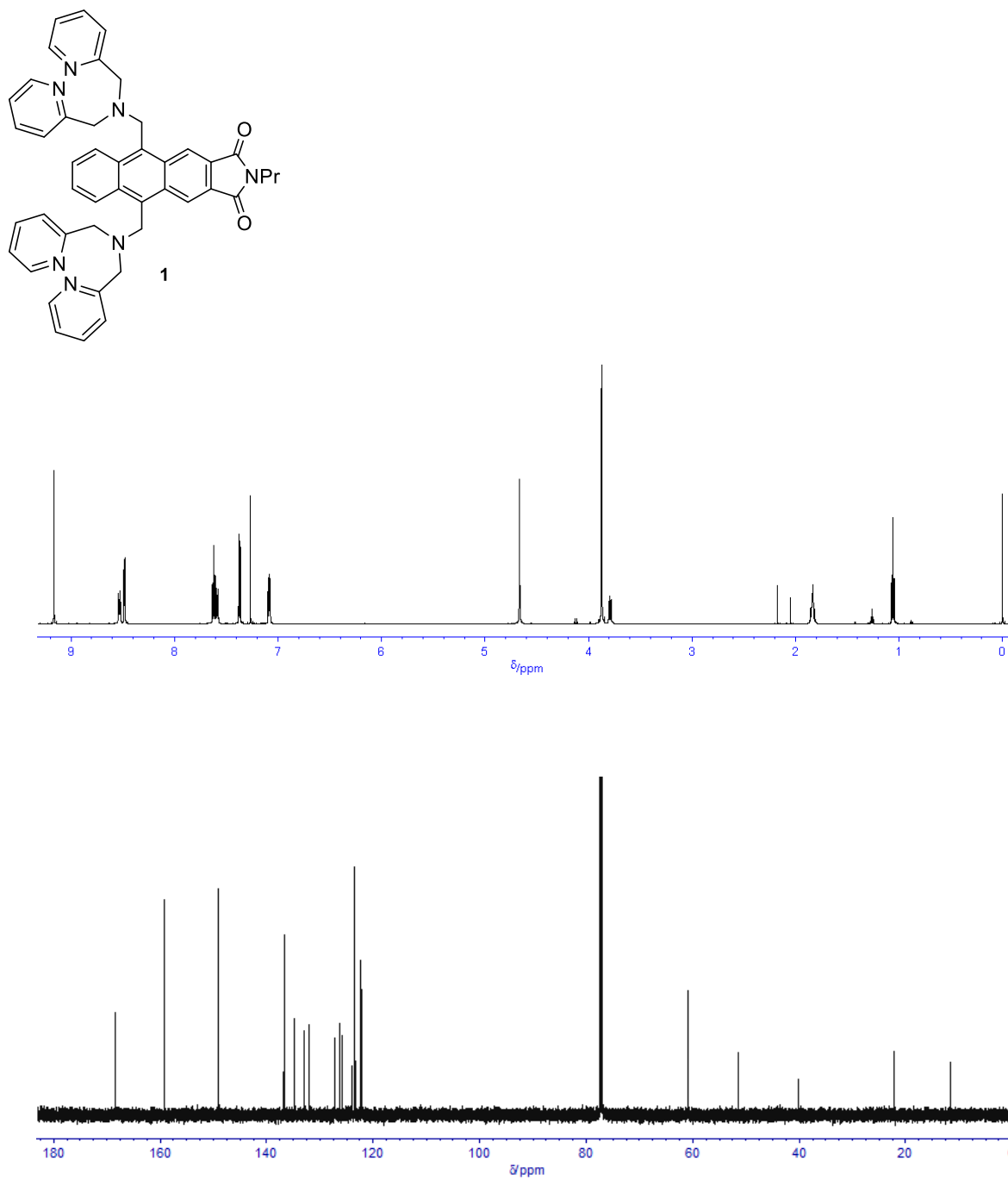


Figure S4 ¹H (upper, 300 MHz) and ¹³C (lower, 151 MHz) spectra of carboximide **1** (CDCl₃).

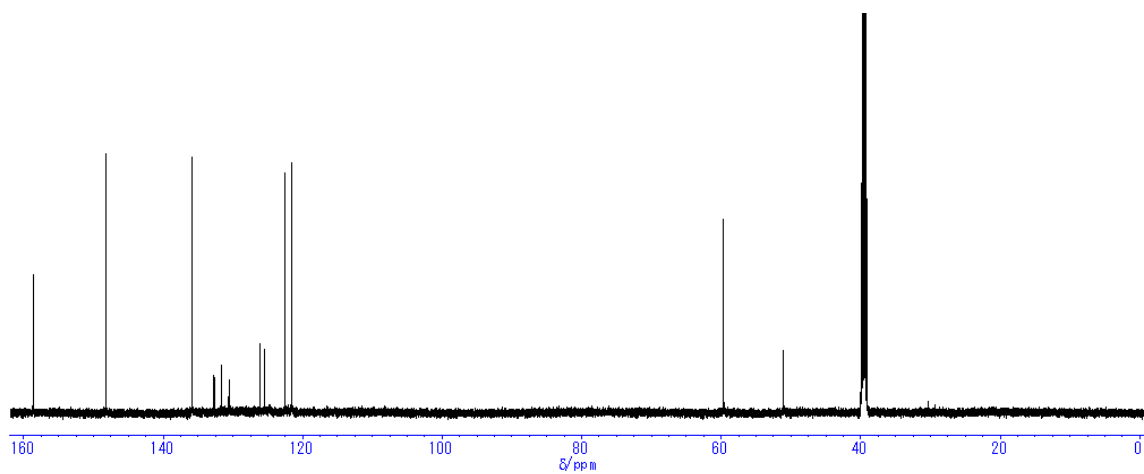
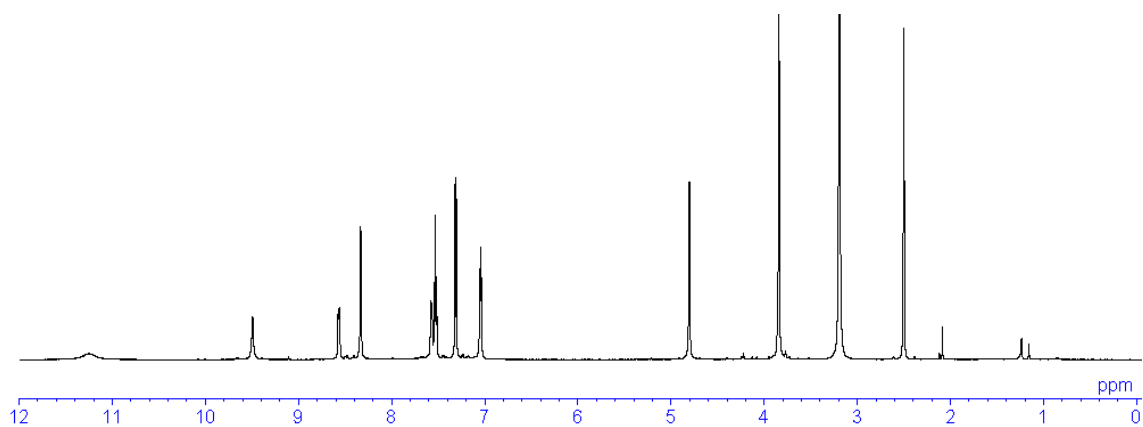
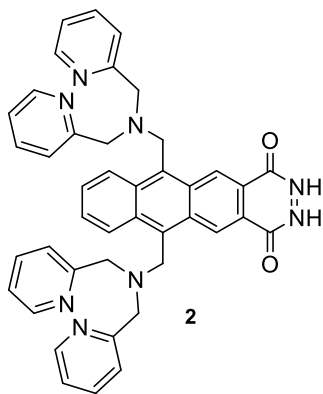


Figure S5 ^1H (upper, 600 MHz) and ^{13}C (lower, 151 MHz) spectra of carbohydrazide **2** (DMSO- d_6).