

## Supporting Information

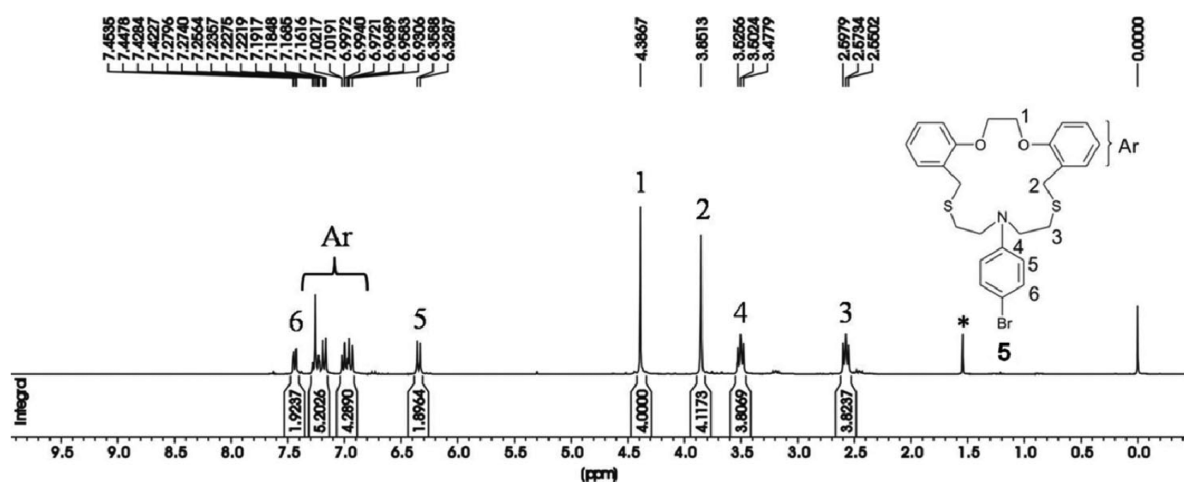
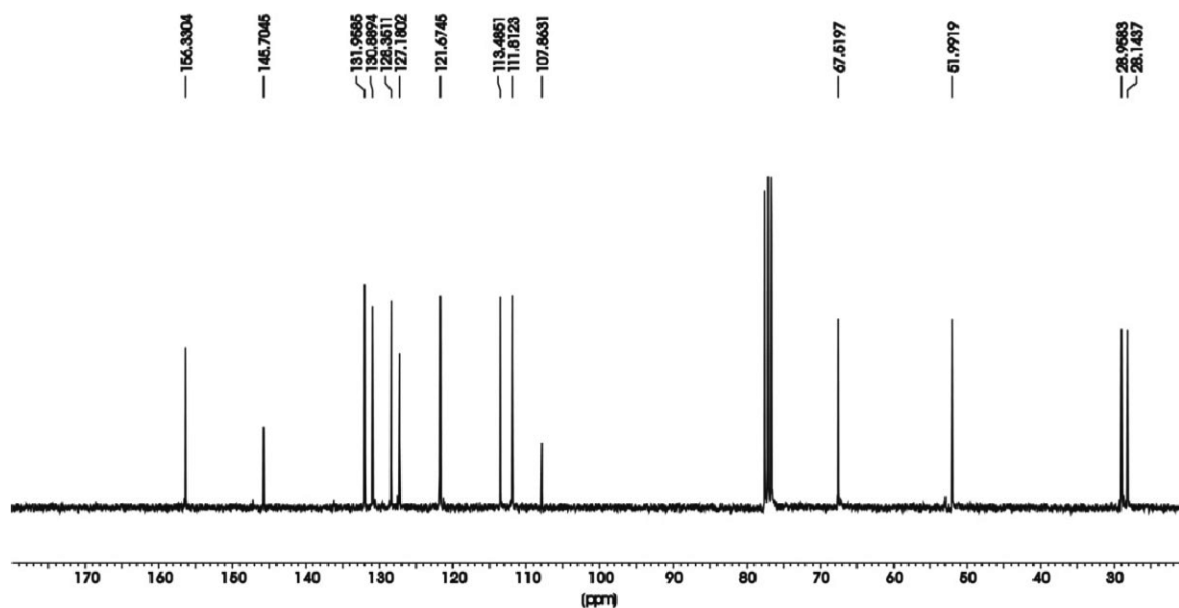
A Carbazole-Attached NO<sub>2</sub>S<sub>2</sub>-Macrocycle Exhibiting Hg<sup>2+</sup> and Cu<sup>2+</sup> Selectivity

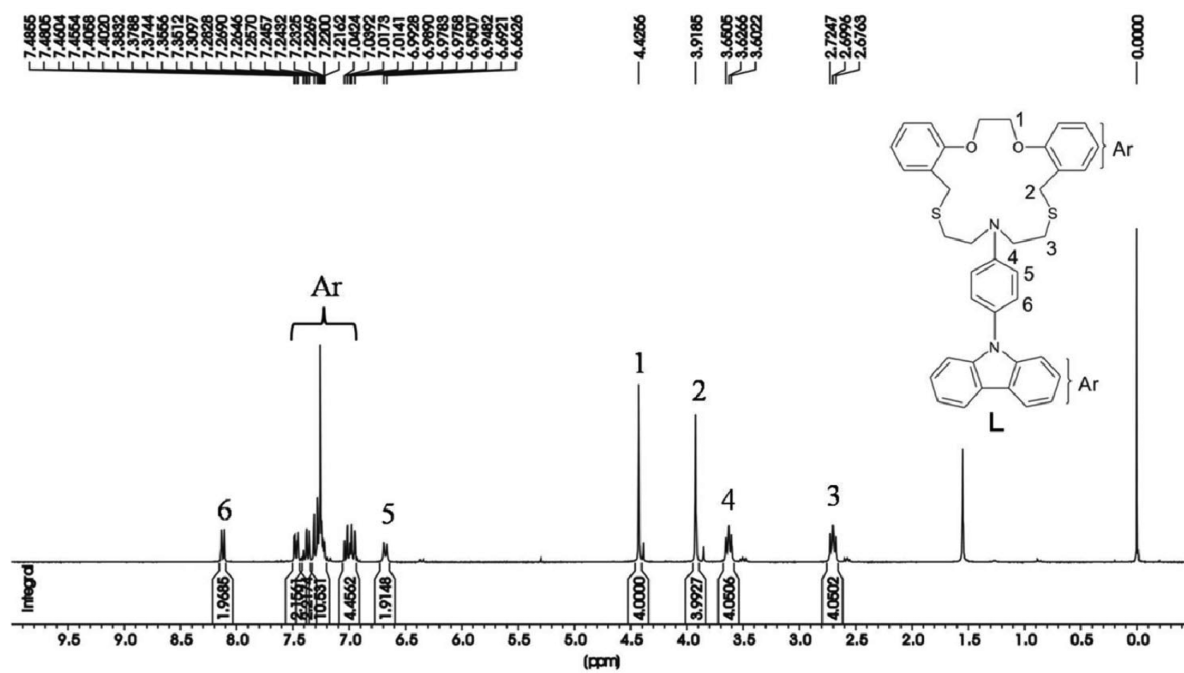
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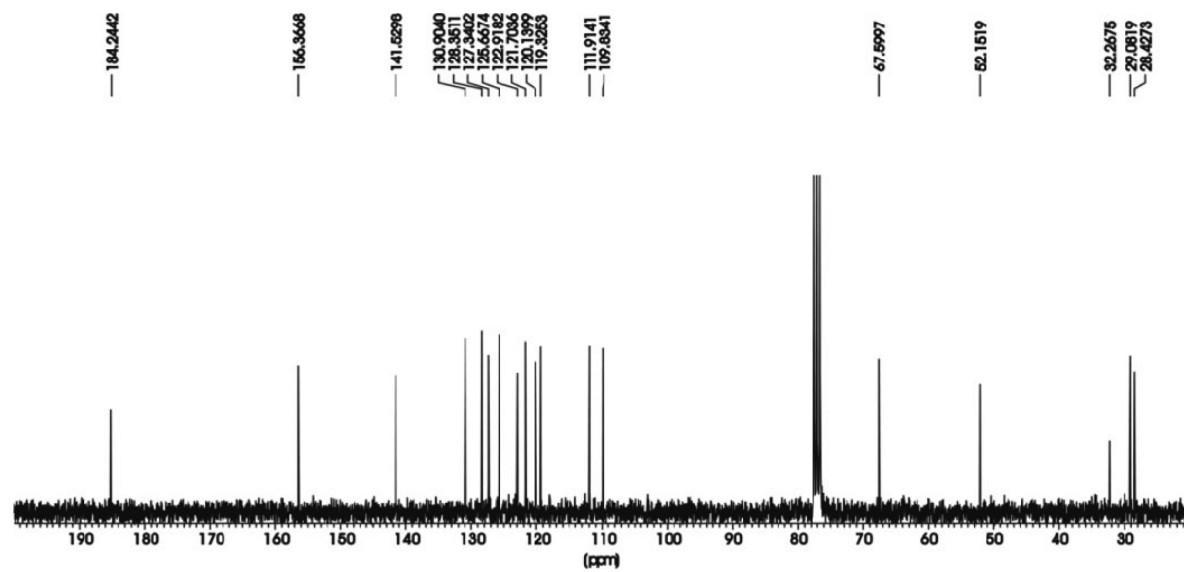
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Figure S1. <sup>1</sup>H NMR spectrum of **5** in CDCl<sub>3</sub>.Figure S2. <sup>13</sup>C NMR spectrum of **5** in CDCl<sub>3</sub>.



**Figure S3.** <sup>1</sup>H NMR spectrum of **L** in CDCl<sub>3</sub>.



**Figure S4.** <sup>13</sup>C NMR spectrum of **L** in CDCl<sub>3</sub>.