

## Spectrophotometric determination of trace concentrations of copper in waters using the chromogenic reagent 4-amino-3-mercapto-6-[2-(2-thienyl)vinyl]-1,2,4-triazin-5(4H)-one: Synthesis, characterization, and analytical applications.

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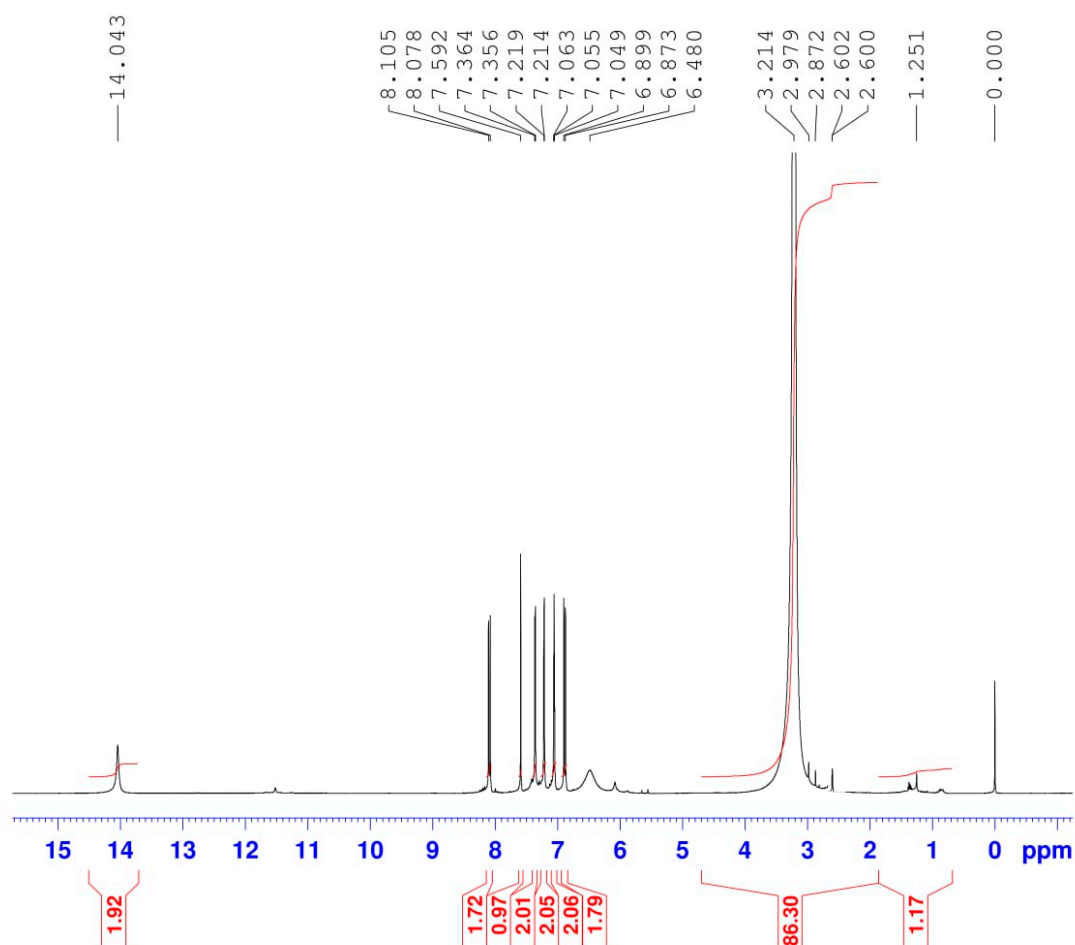


Figure 1. <sup>1</sup>H NMR spectrum of AMT ligand.

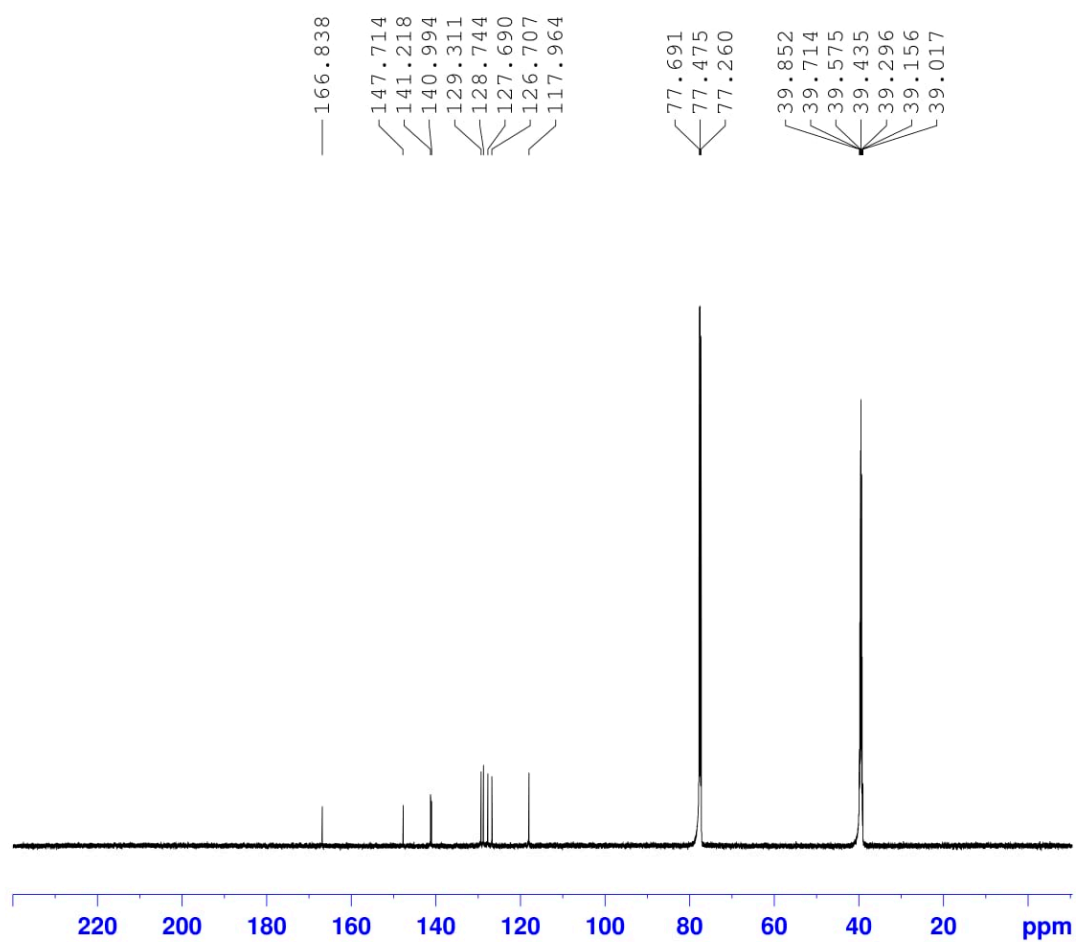
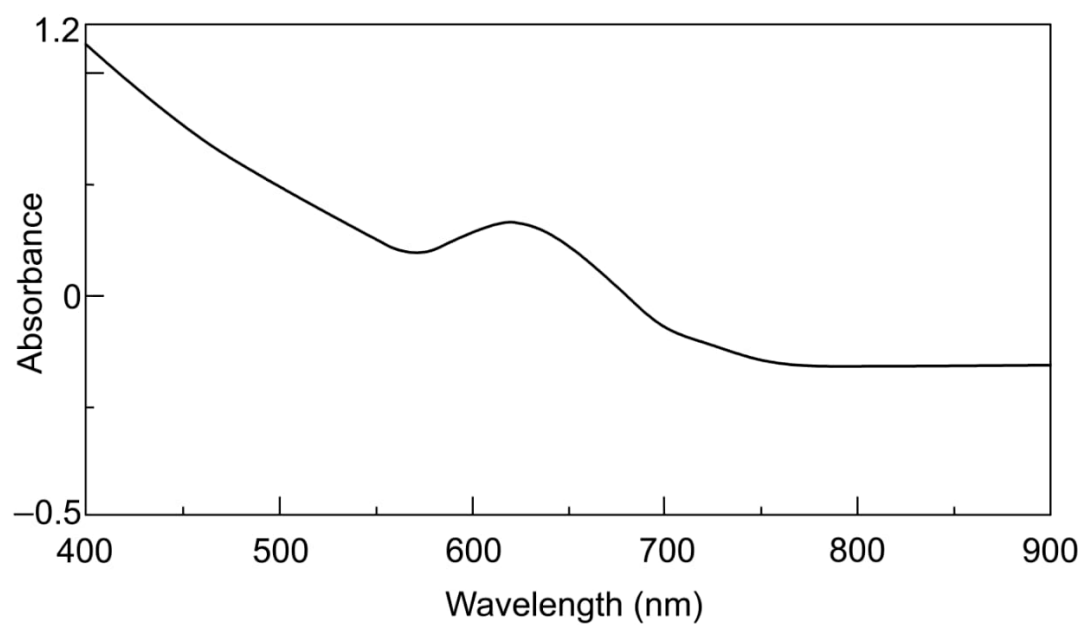


Figure S2 <sup>13</sup>C NMR spectrum of AMT ligand



**Figure S3.** The electronic spectrum of [Cu(L)(NO<sub>3</sub>)(H<sub>2</sub>O)<sub>2</sub>]·H<sub>2</sub>O.