

*Supplementary Information*

# A Pyridine-Containing Cu<sup>2+</sup>-Selective Probe Based on a Naphthalimide Derivative. *Sensors* 2014, **14**, 24146-24155

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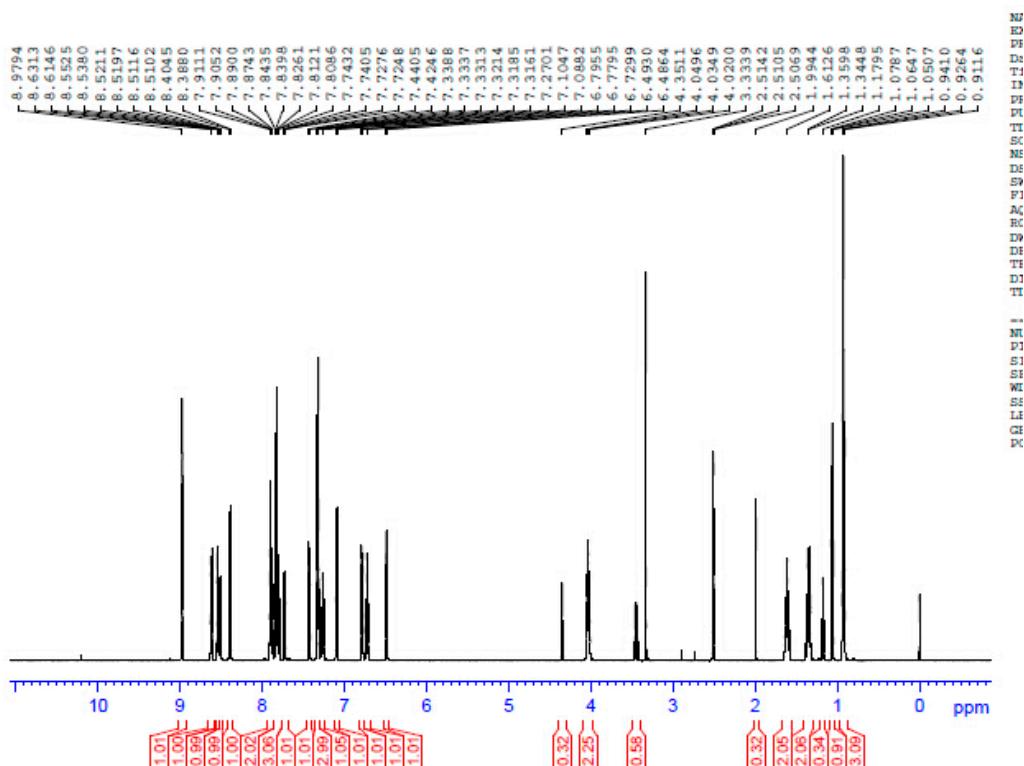
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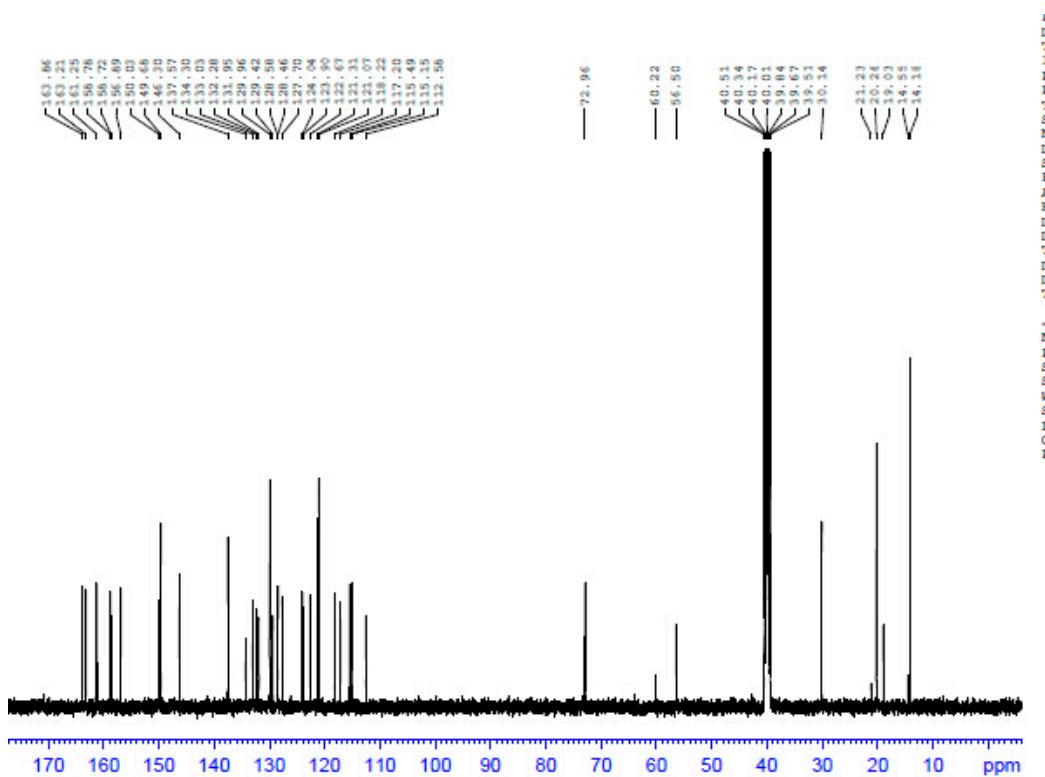
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Tel.: +86-898-6697-3190; Fax: +86-898-6698-9173.

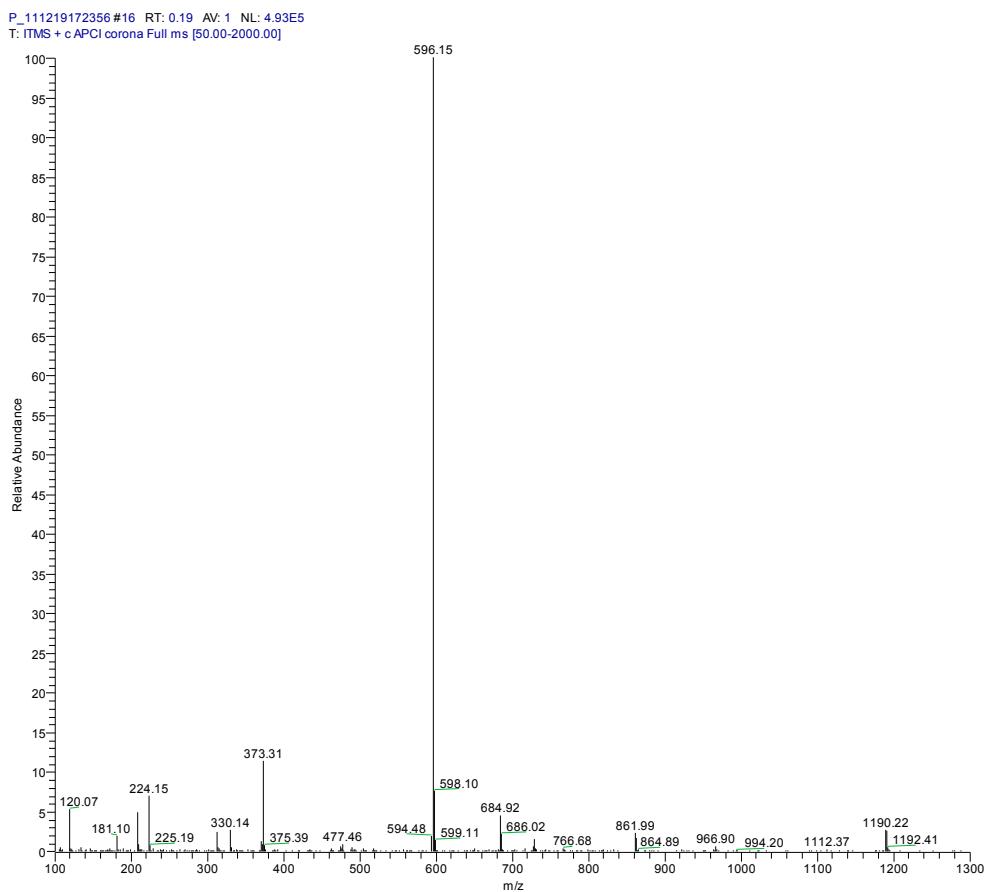
**Figure S1.** <sup>1</sup>H NMR spectrum of P.



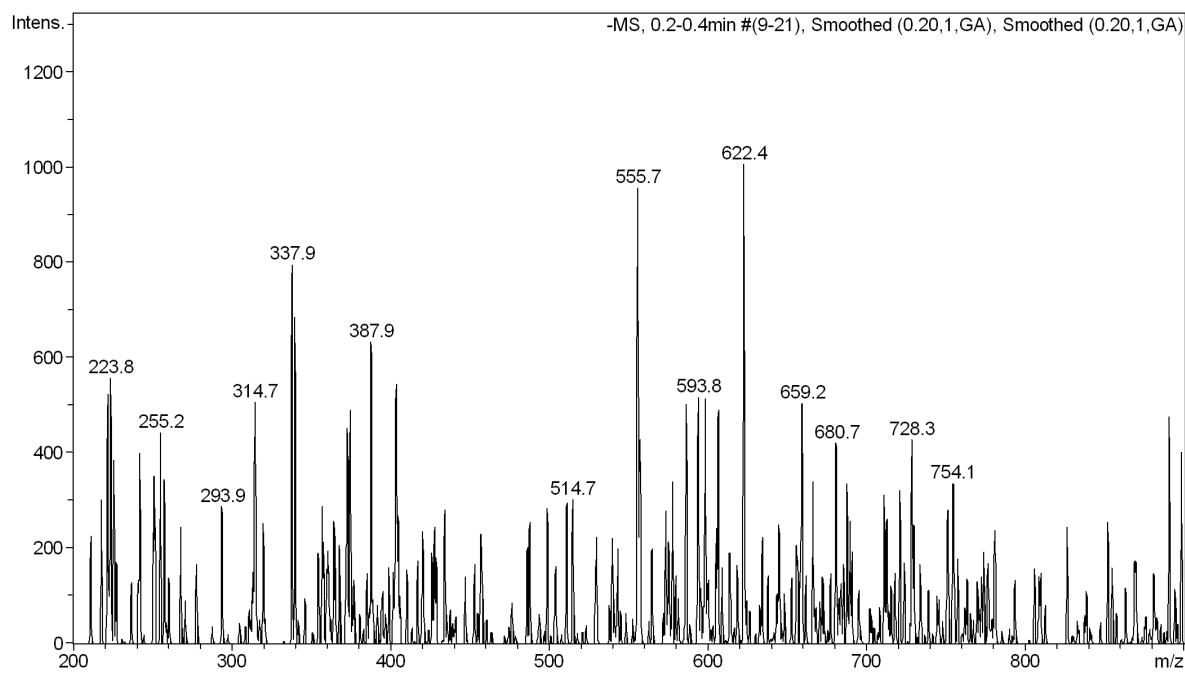
**Figure S2.**  $^{13}\text{C}$  NMR spectrum of P.



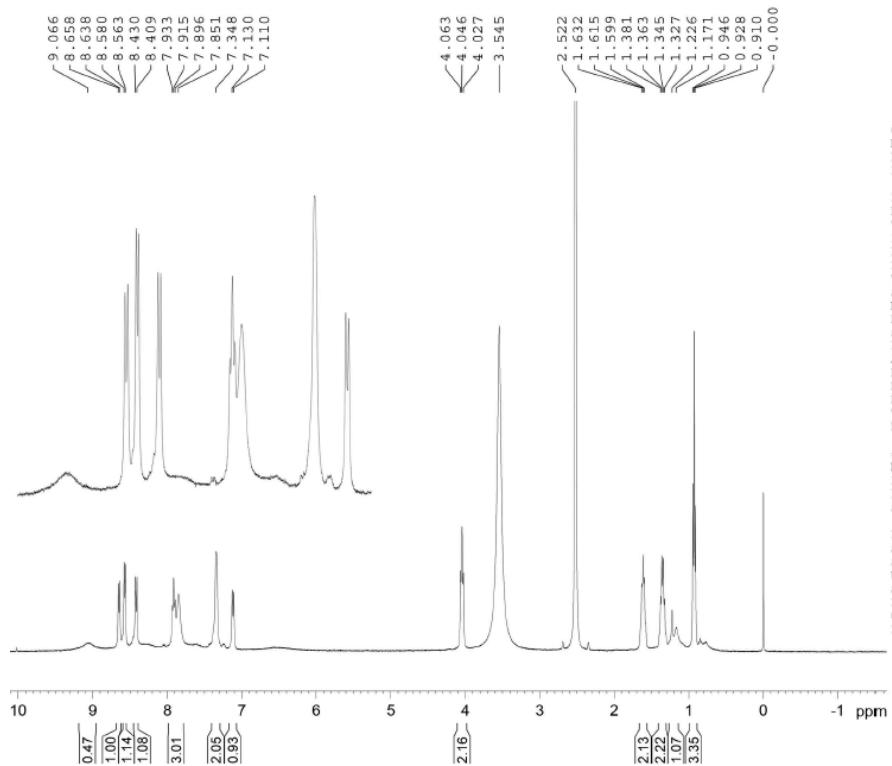
**Figure S3.** ESI-MS mass spectrum of P.



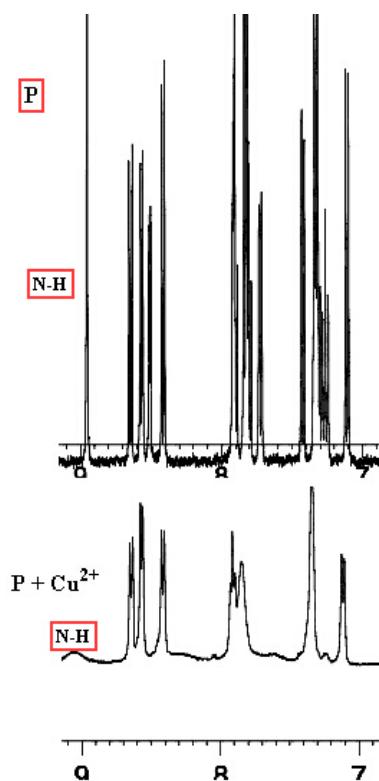
**Figure S4.**  $^1\text{H}$  NMR spectrum of  $\text{P}-\text{Cu}^{2+}$ .



**Figure S5.** ESI-MS mass spectrum of  $\text{P}-\text{Cu}^{2+}$ .



**Figure S6.** Comparison of  $^1\text{H}$  NMR spectrum of **P** and **P-Cu<sup>2+</sup>**.



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