

## **Supplementary Materials**

# **Schiff Base Compounds as Fluorescent Probes for the Highly Sensitive and Selective Detection of Al<sup>3+</sup> Ions**

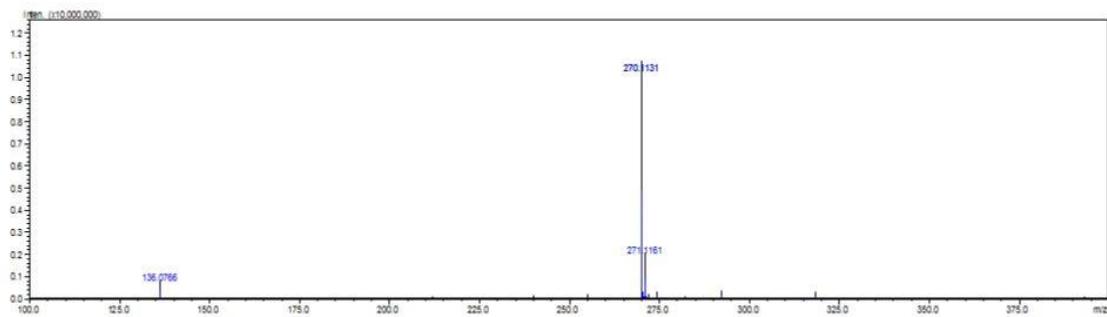
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and Xinshu Long <sup>1</sup>

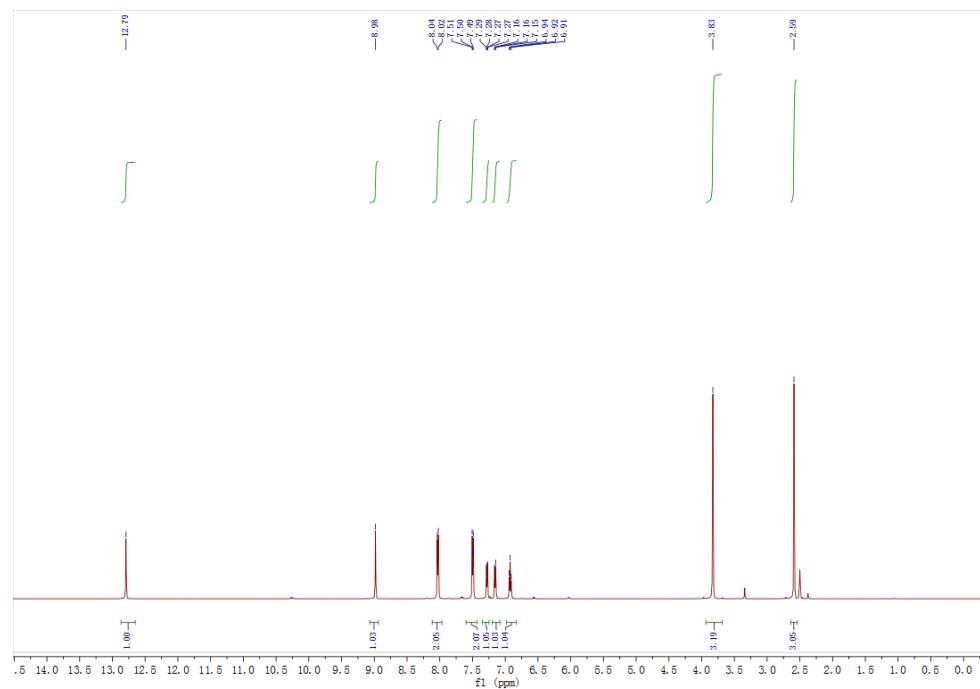
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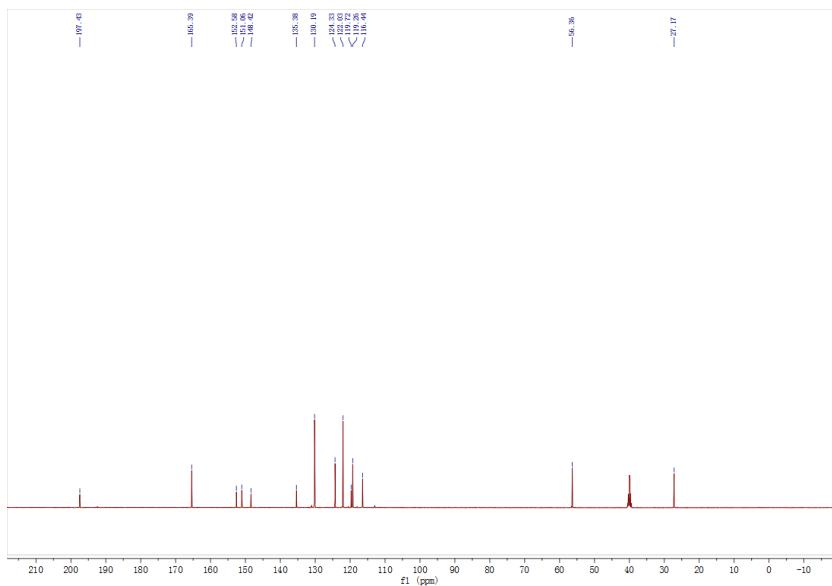
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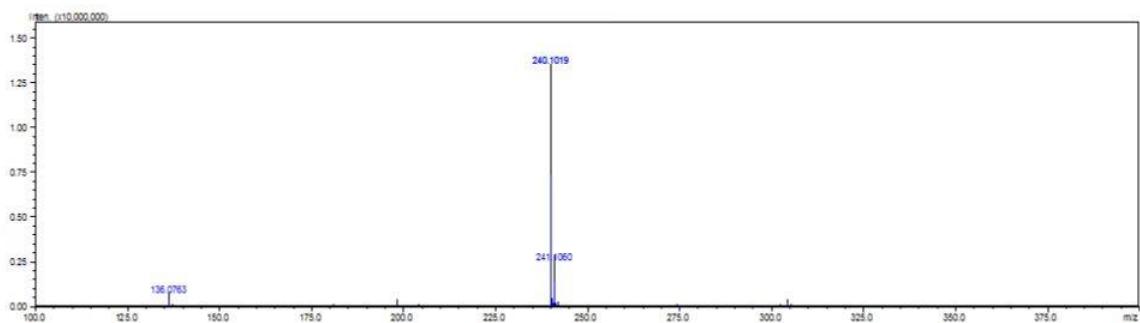
**Figure S1** HRMS spectrum of L.



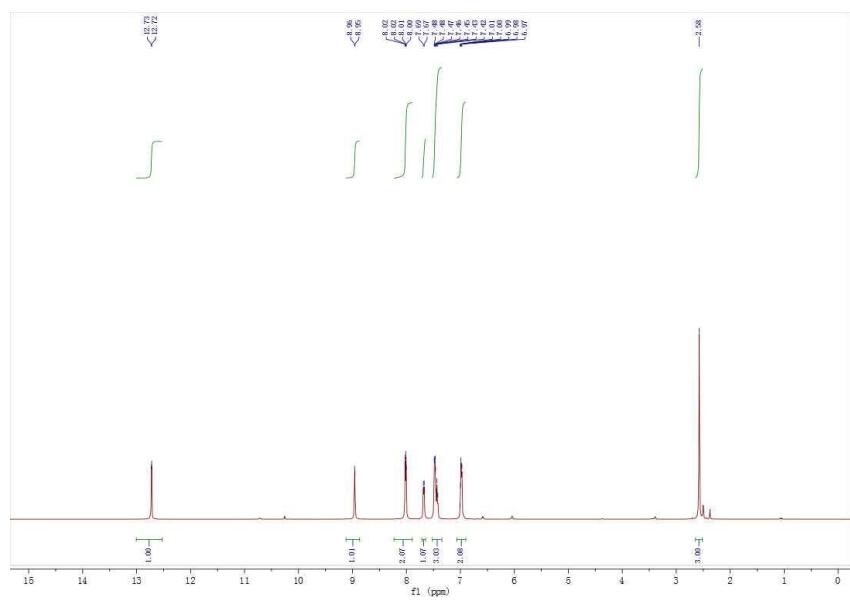
**Figure S2** <sup>1</sup>H NMR spectrum of L.



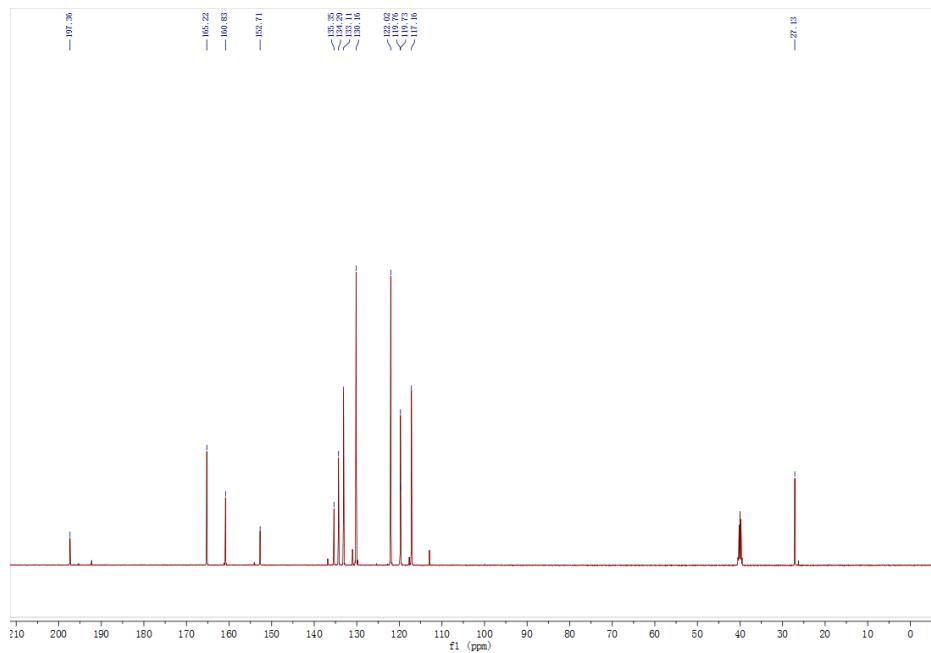
**Figure S3**  $^{13}\text{C}$  NMR spectrum of L.



**Figure S4** HRMS spectrum of S.



**Figure S5**  $^1\text{H}$  NMR spectrum of S.



**Figure S6**  $^{13}\text{C}$  NMR spectrum of S.