

**Electronic Supplementary Information (ESI) for New Journal of Chemistry**

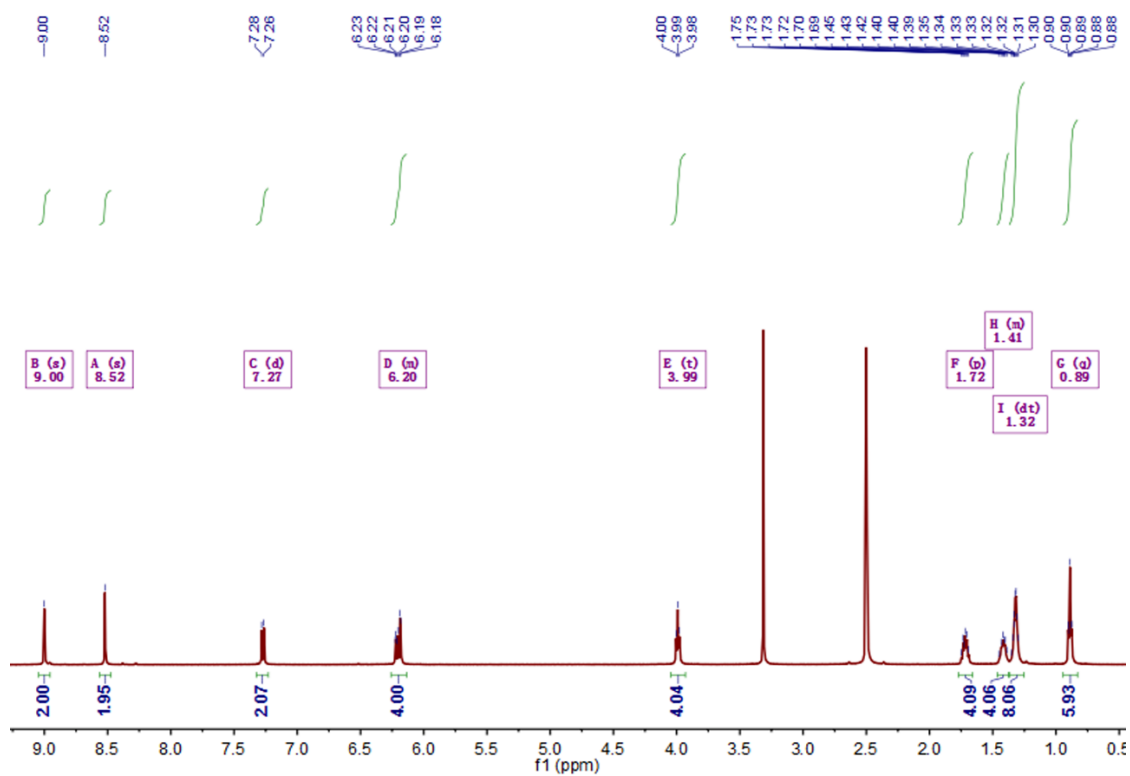
## **Supporting Information**

### **Mechanochromic luminescence based on a phthalonitrile-bridging salophen zinc (II) complex**

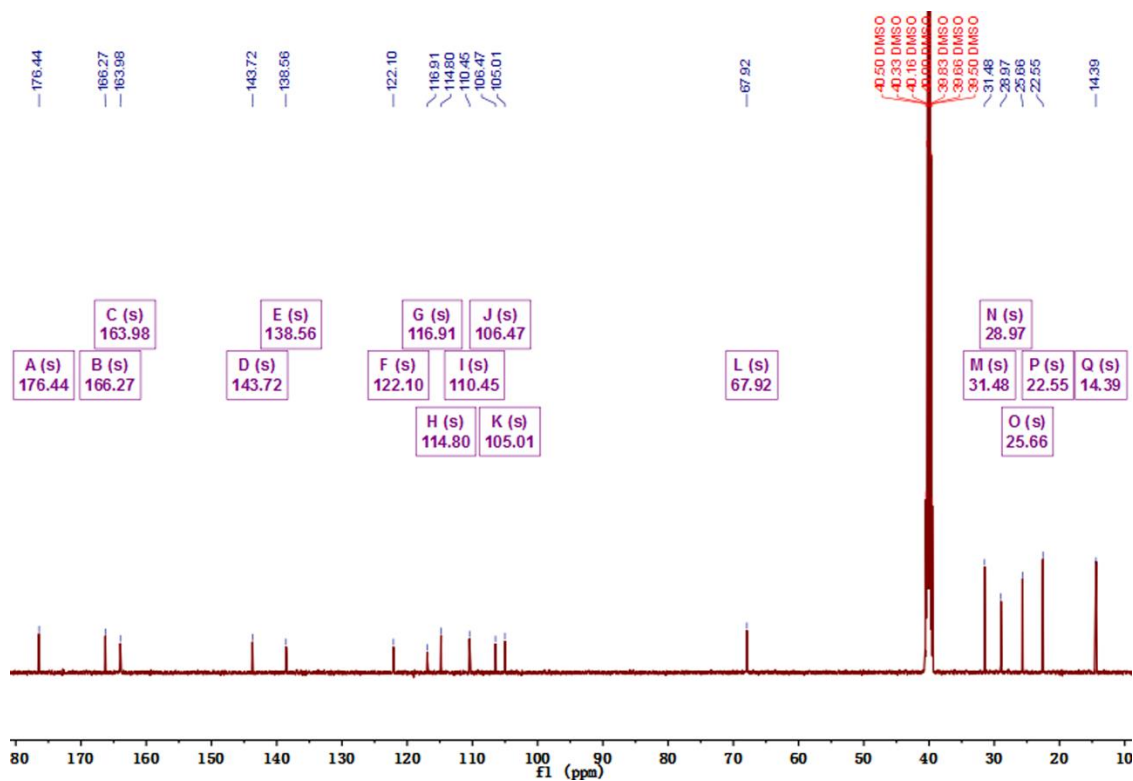
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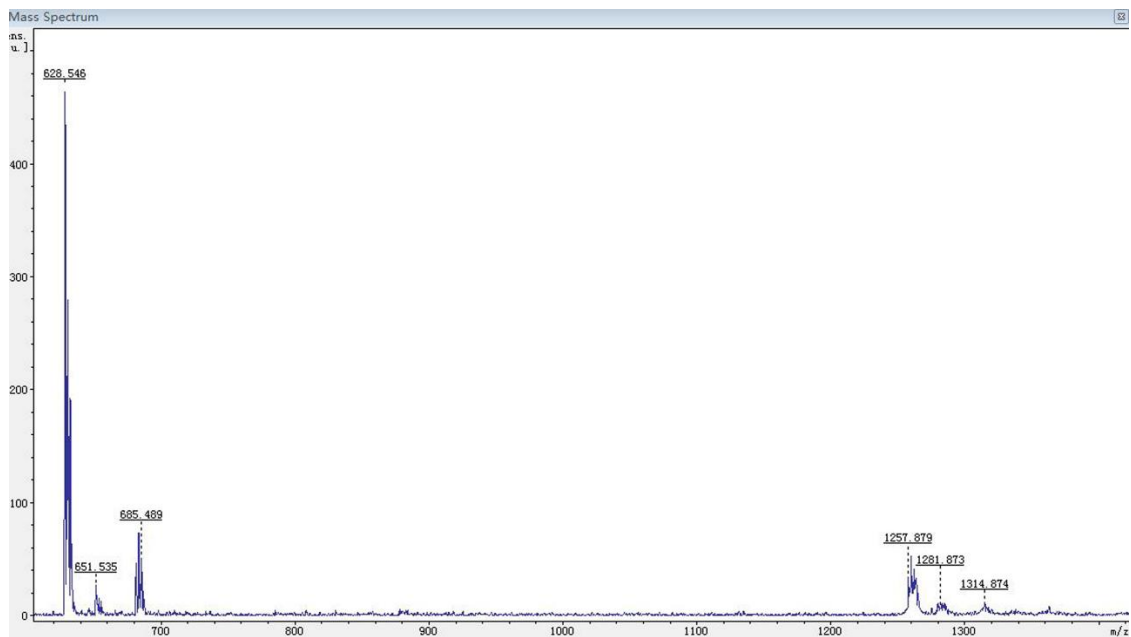
Jilin University, Changchun 130012, P. R. China.



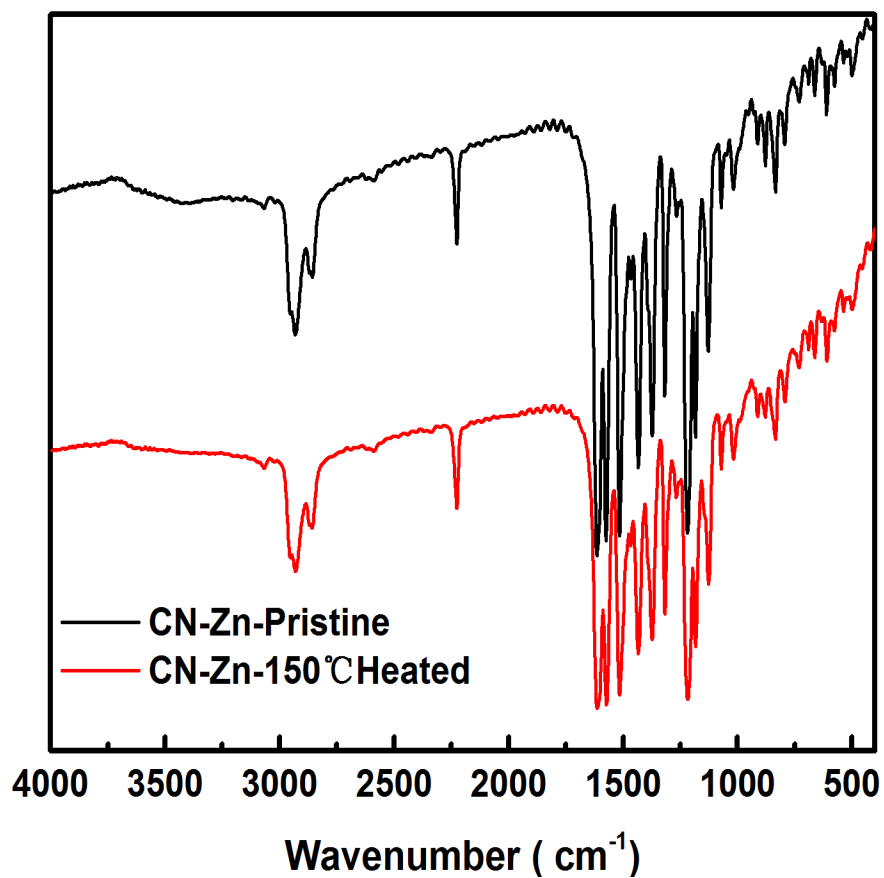
**Figure S1.**  $^1\text{H}$  NMR spectrum of CN-Zn (500 MHz, 25°C, DMSO- $d_6$ ).



**Figure S2.**  $^{13}\text{C}$  NMR spectrum of CN-Zn (125 MHz, 25°C, DMSO- $d_6$ ).



**Figure S3.** MALDI-TOF spectrum of CN-Zn.



**Figure S4.** The pristine and 150°C-heated FT-IR spectra of CN-Zn.