

# Supplementary Materials: Steroidal saponins from the Rhizoma of *Anemarrhena asphodeloides*

Bing-You Yang, Jing Zhang, Yan Liu, and Hai-Xue Kuang

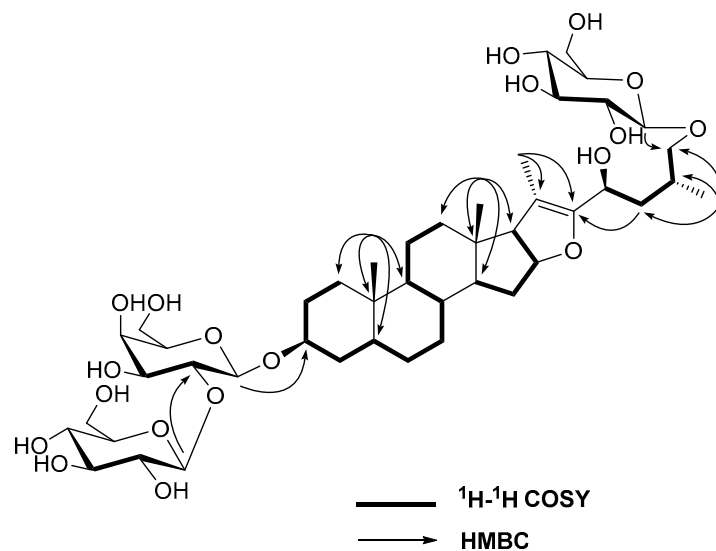


Figure S1. Key HMBC and  $^1\text{H}$ - $^1\text{H}$  COSY correlations of compound 2.

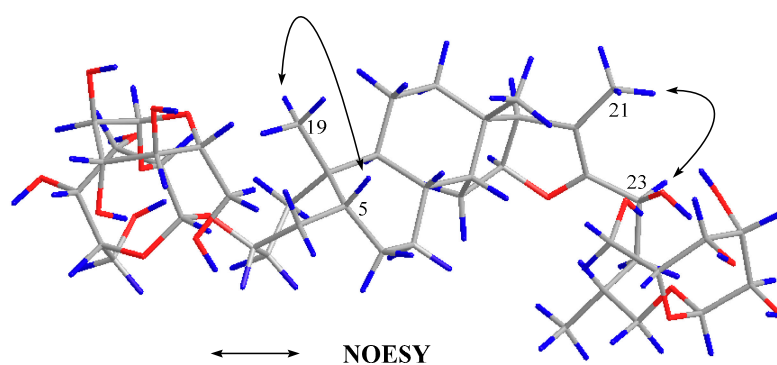


Figure S2. Key NOESY correlations of compound 2.

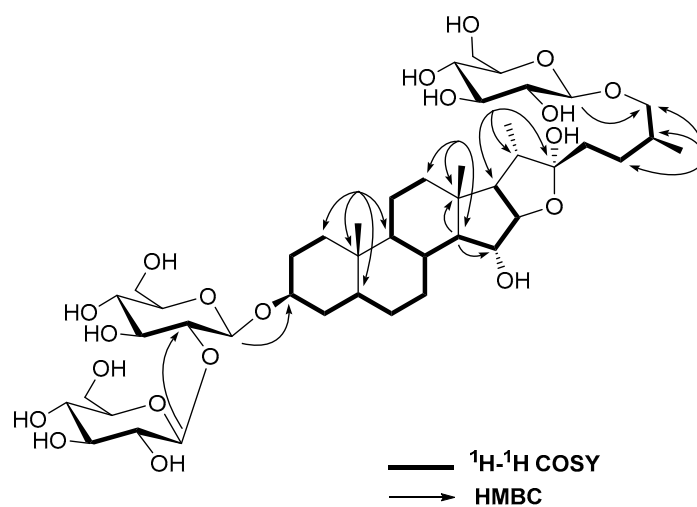


Figure S3. Key HMBC and  $^1\text{H}$ - $^1\text{H}$  COSY correlations of compound 3.

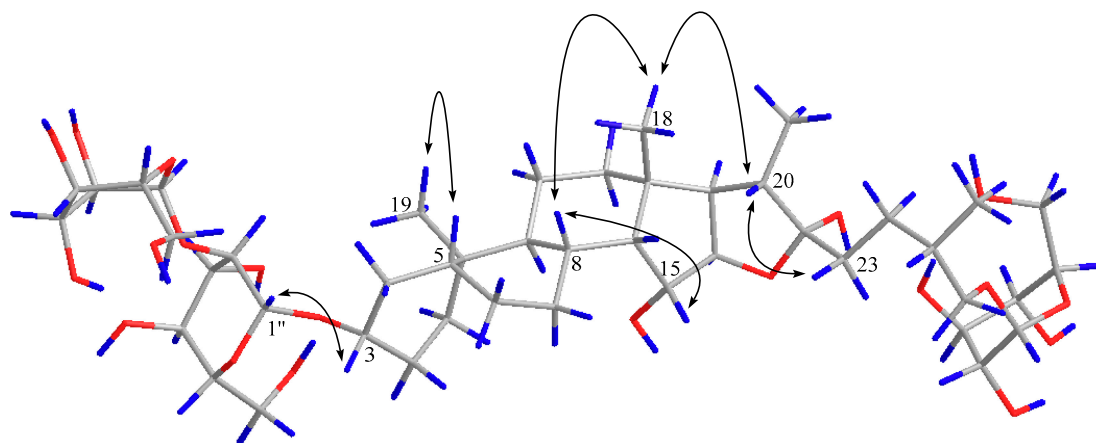


Figure S4. Key NOESY correlations of compound 3.

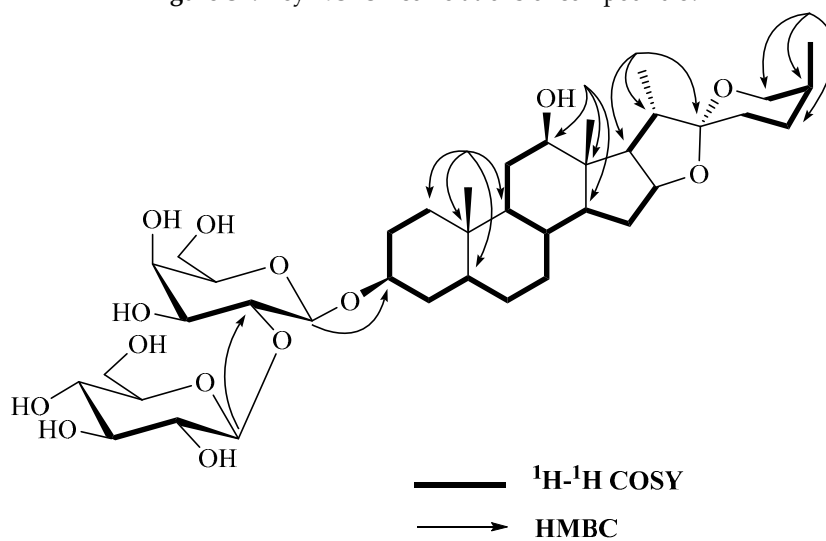


Figure S5. Key HMBC and  $^1\text{H}$ - $^1\text{H}$  COSY correlations of compound 4.

ZJ-27

ZJ-0123-27 772 (13.480)

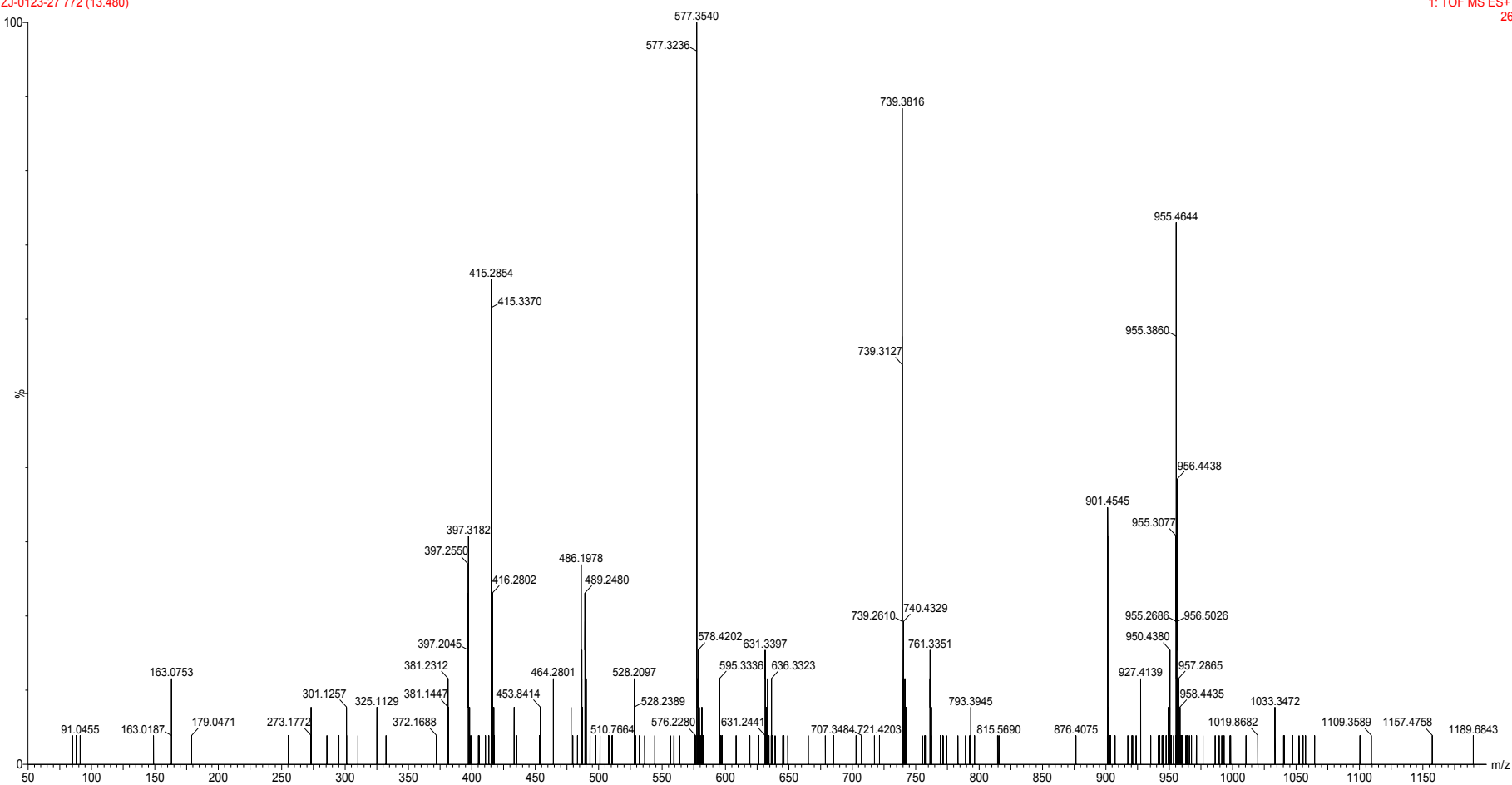
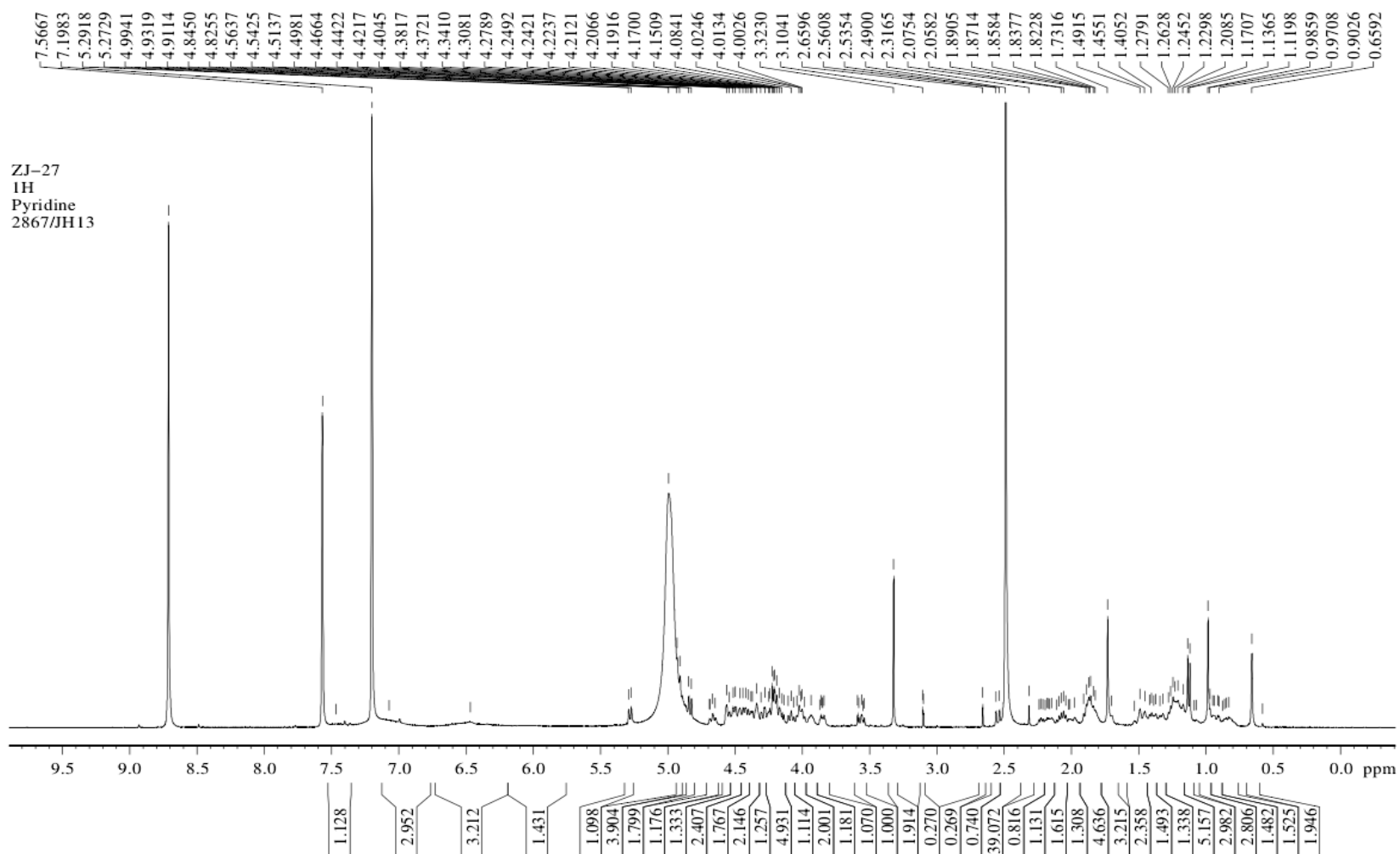
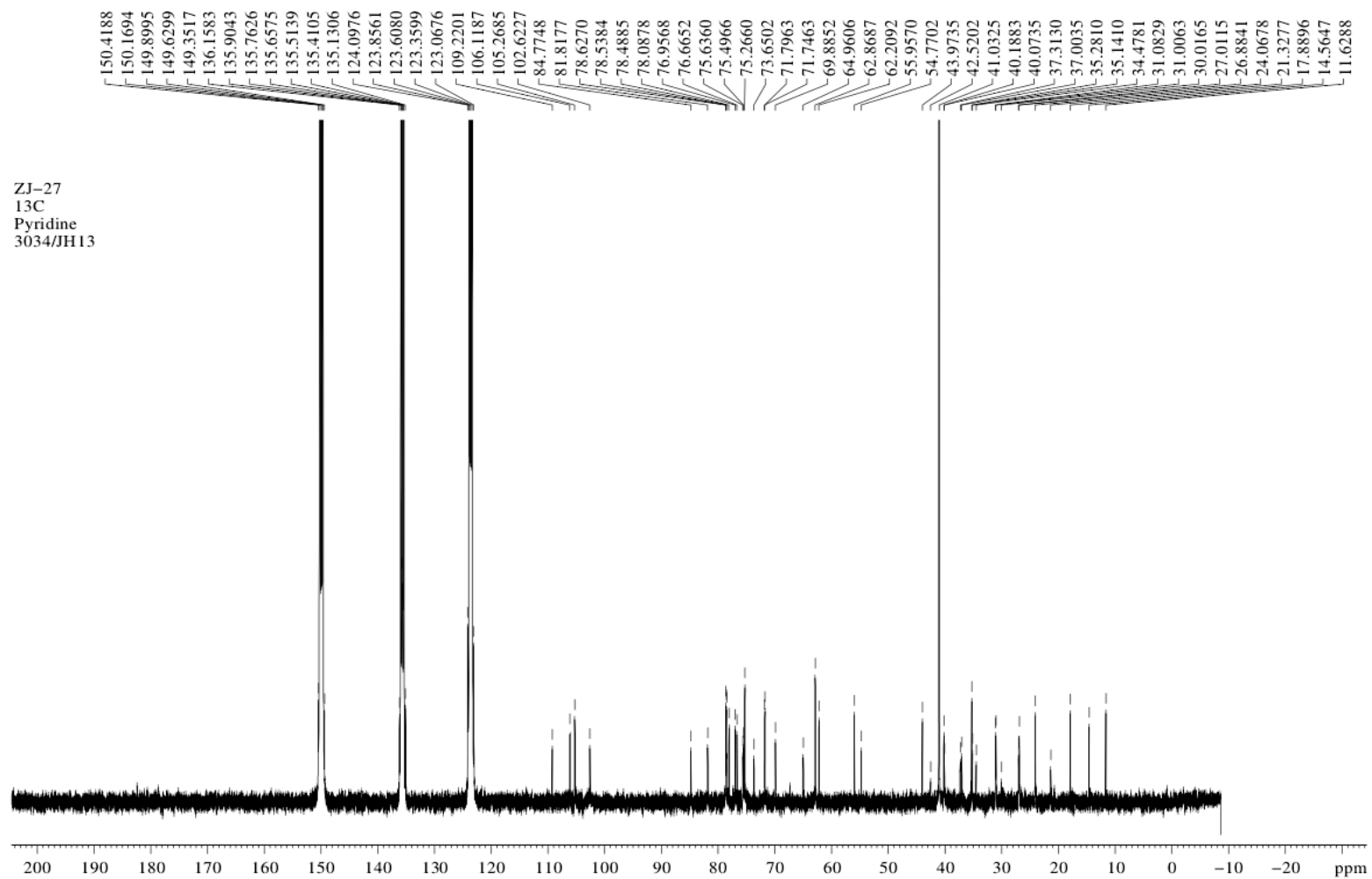
1: TOF MS ES+  
26

Figure S6. HR-ESI-MS spectrum of compound 1.

Figure S7. <sup>1</sup>H-NMR spectrum of compound 1.

Figure S8. <sup>13</sup>C-NMR spectrum of compound 1.

**ZJ-29-POS**

ZJ-29-POS 145 (5.296)

1: TOF MS ES+  
3.75e3

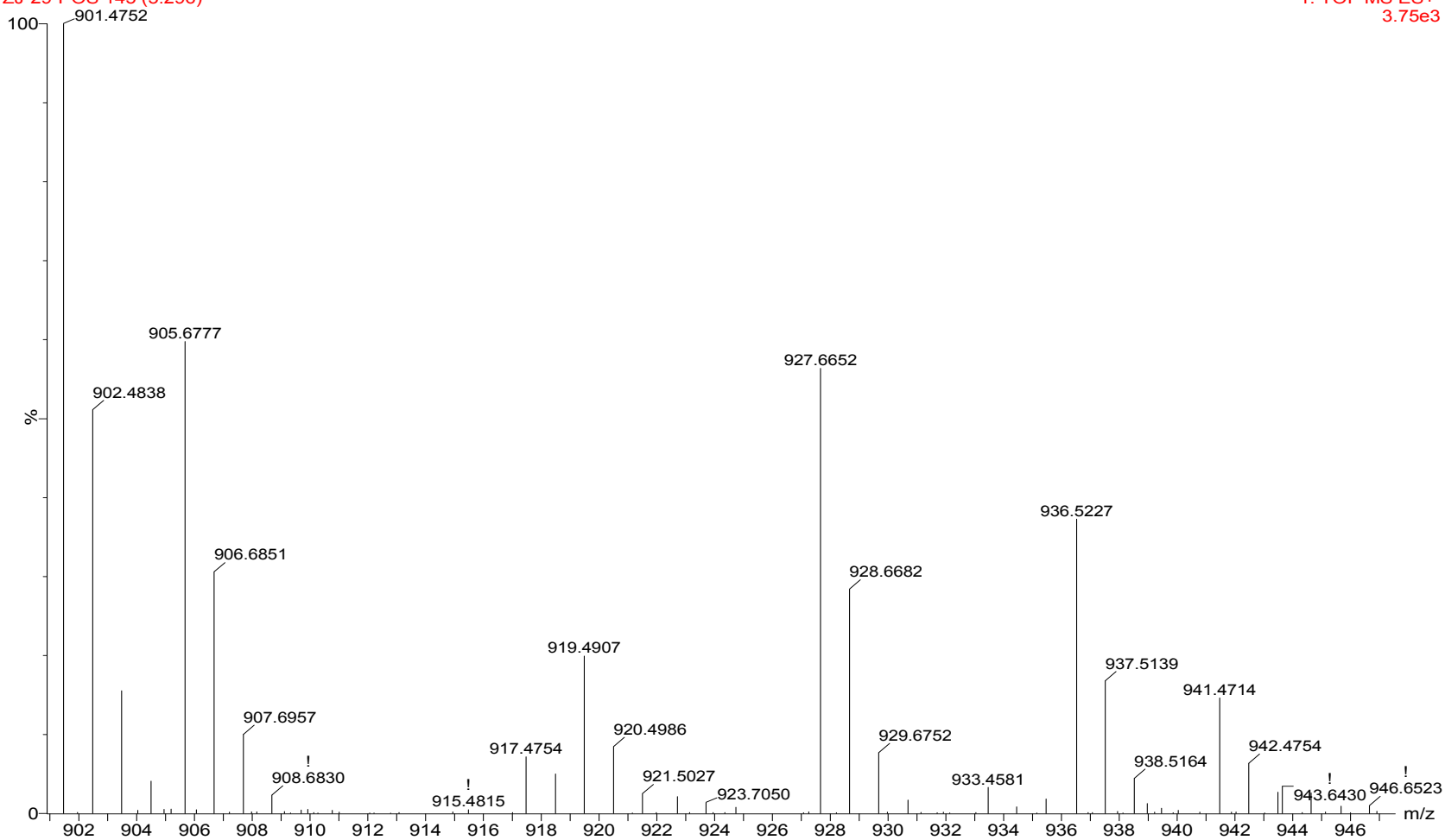
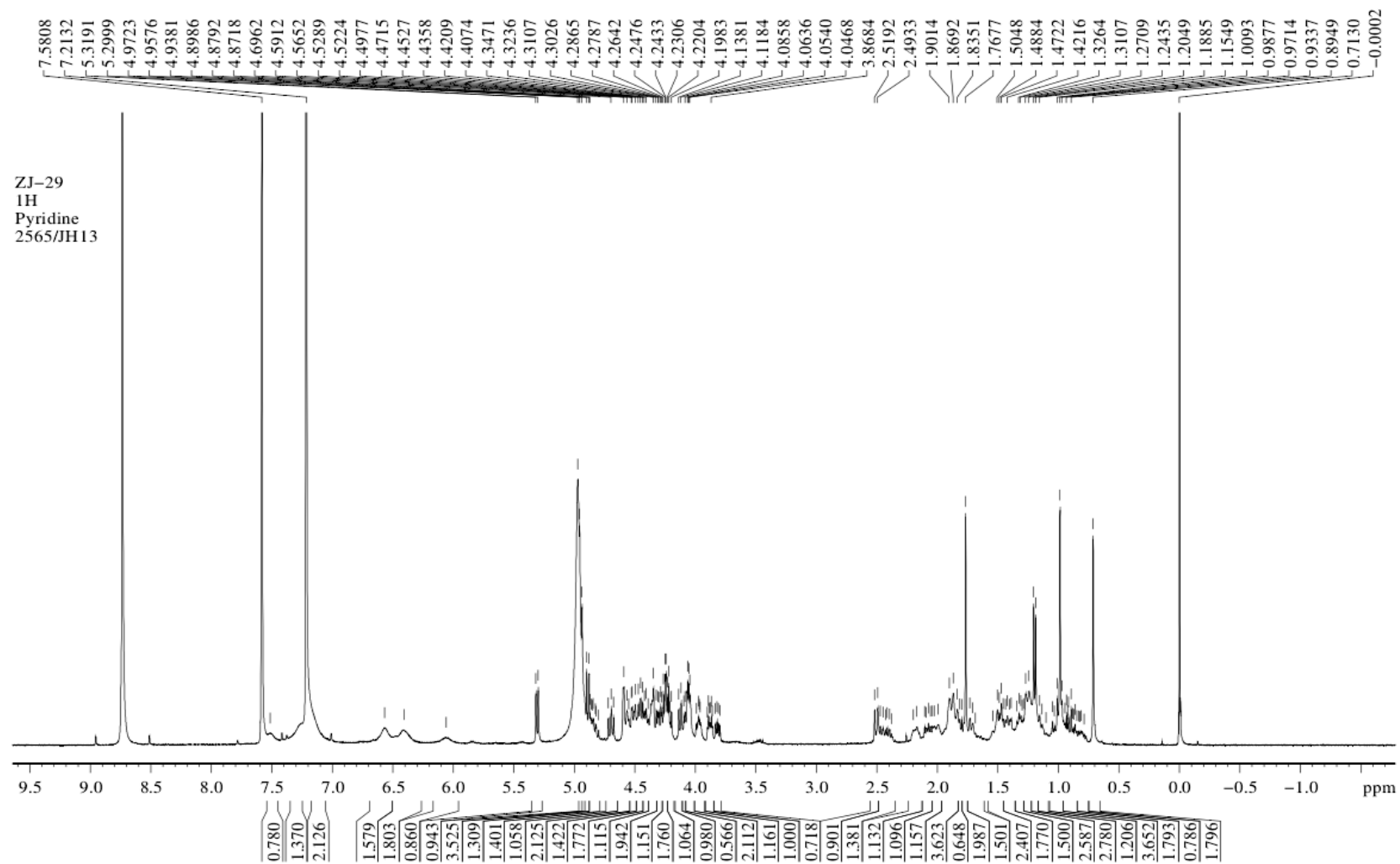
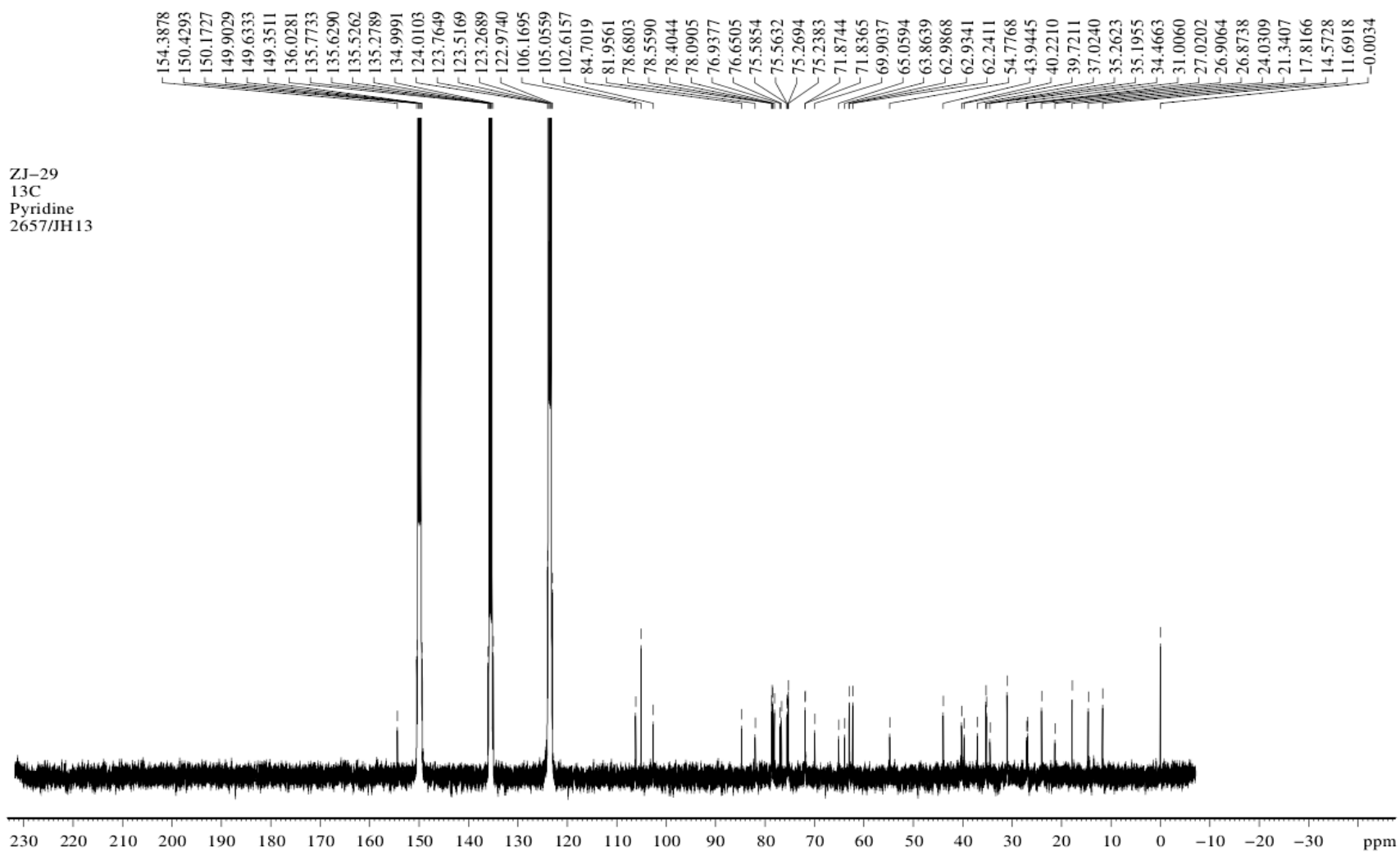


Figure S9. HR-ESI-MS spectrum of compound 2.

Figure S10. <sup>1</sup>H-NMR spectrum of compound 2.

Figure S11. <sup>13</sup>C-NMR spectrum of compound 2.



**ZJ-34-POS**

ZJ-34-POS 148 (5.414)

1: TOF MS ES+  
3.78e4

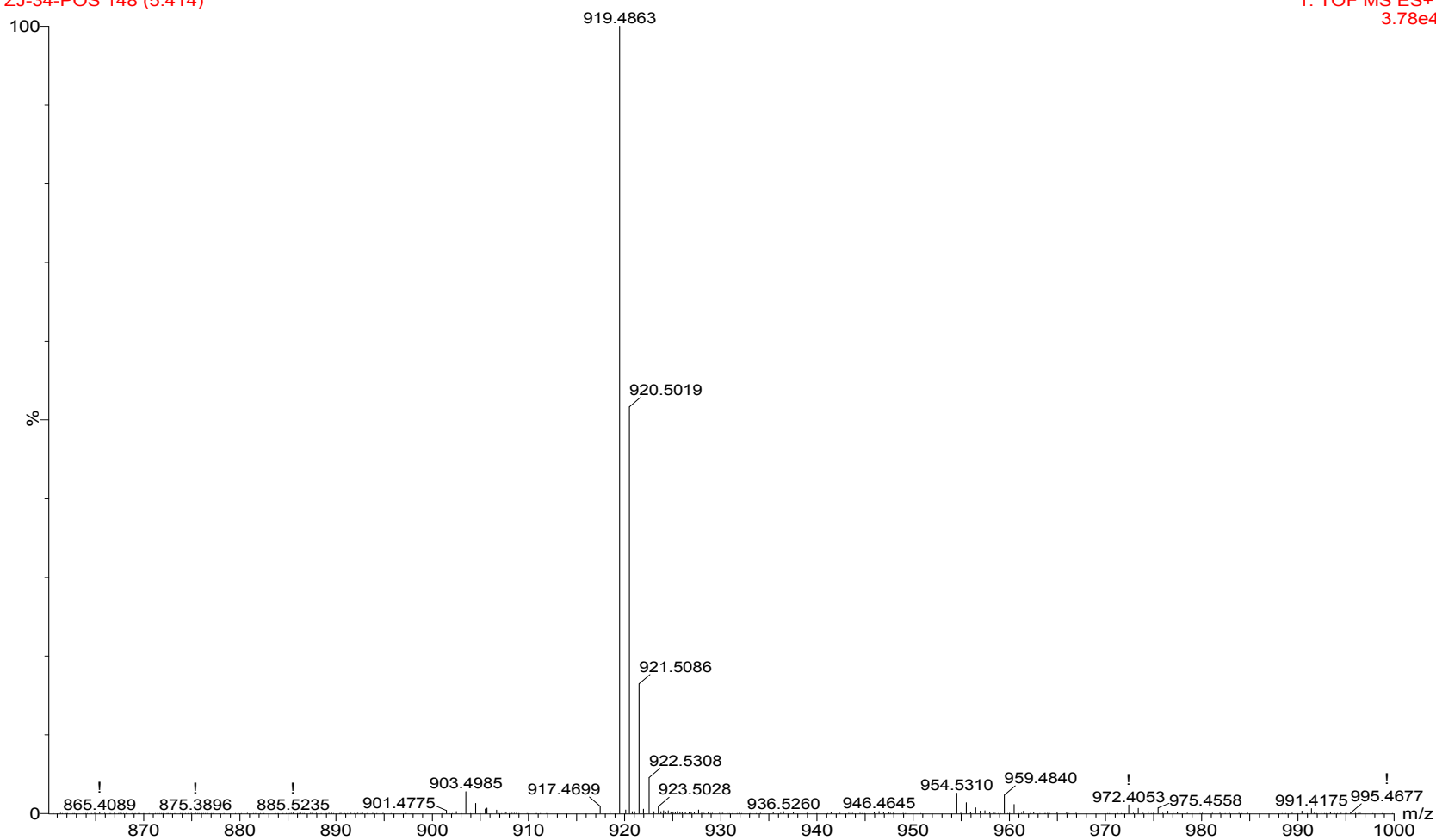
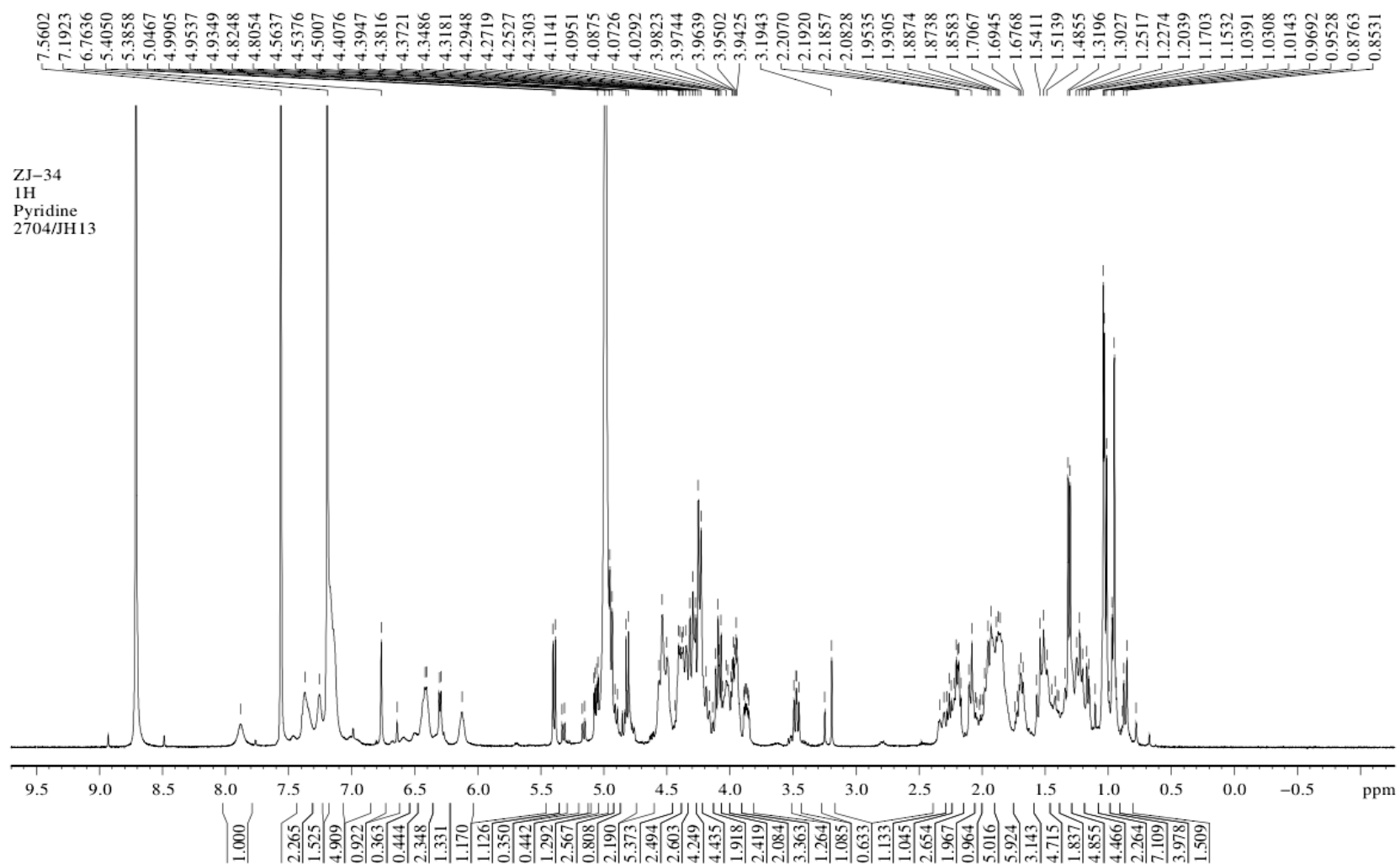
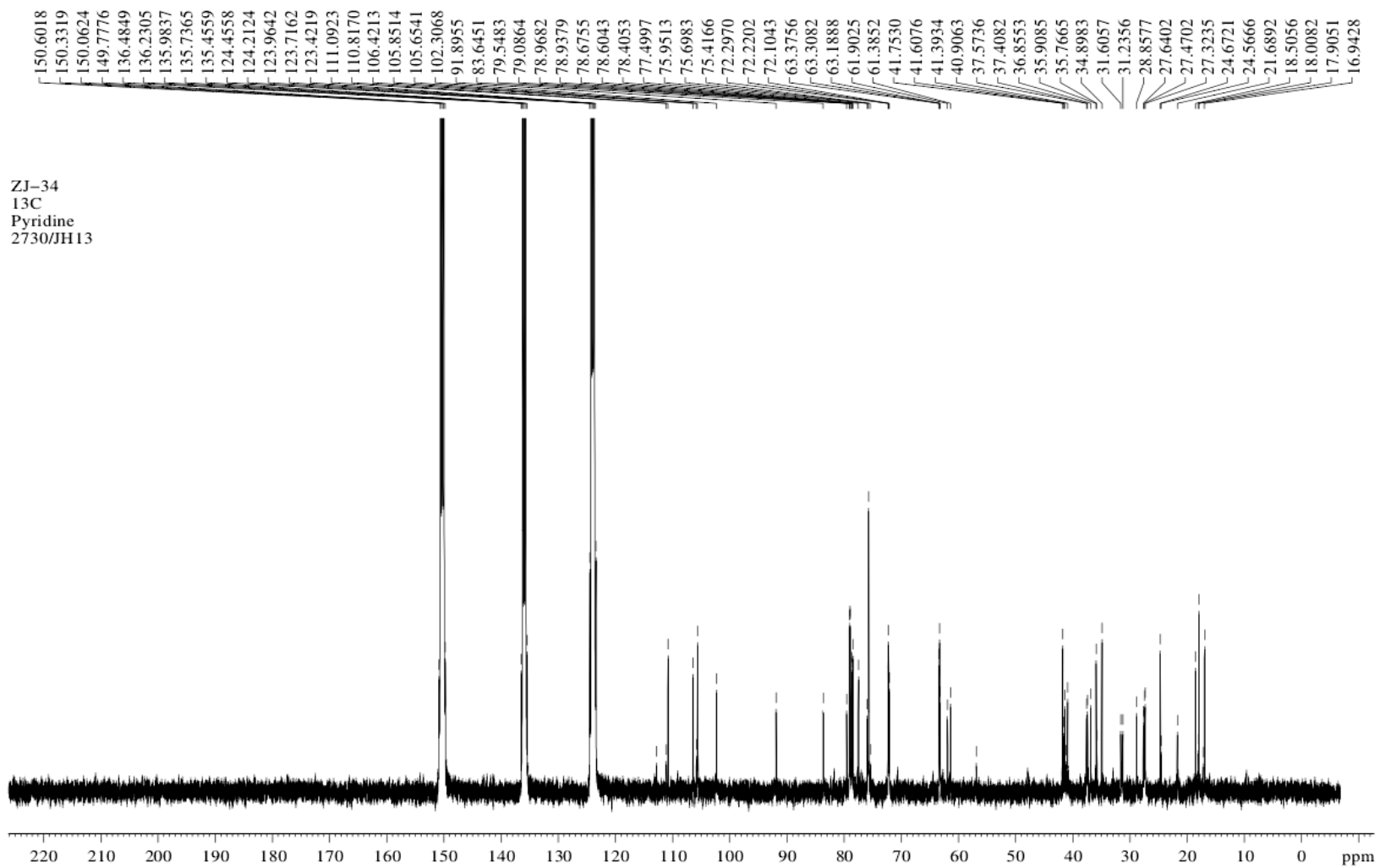


Figure S12. HR-ESI-MS spectrum of compound 3.

Figure S13. <sup>1</sup>H-NMR spectrum of compound 3.

Figure S14. <sup>13</sup>C-NMR spectrum of compound 3.

ZJ-84-0126

ZJ-84-0126 3949 (15.821)

1: TOF MS ES+  
298

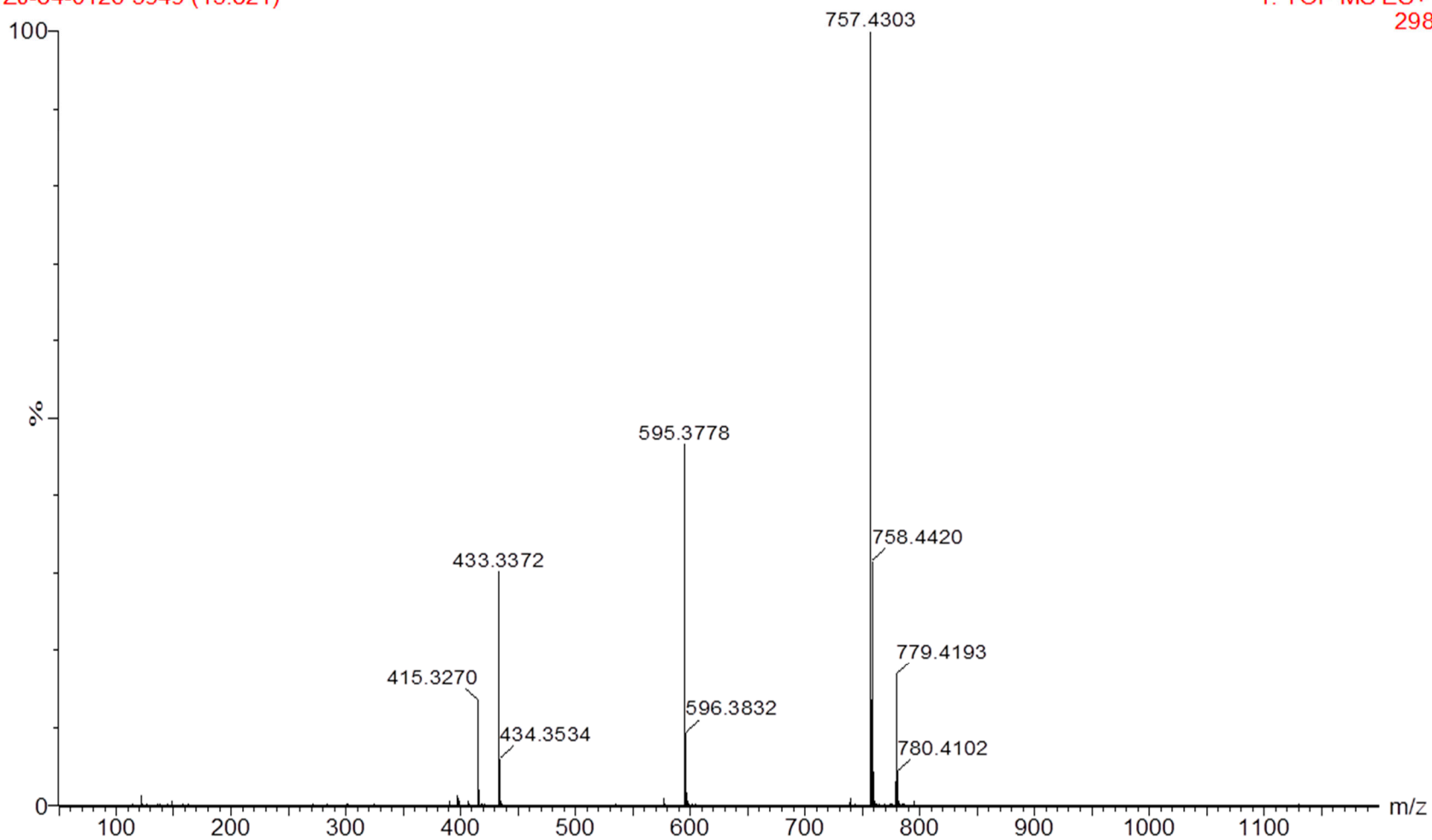
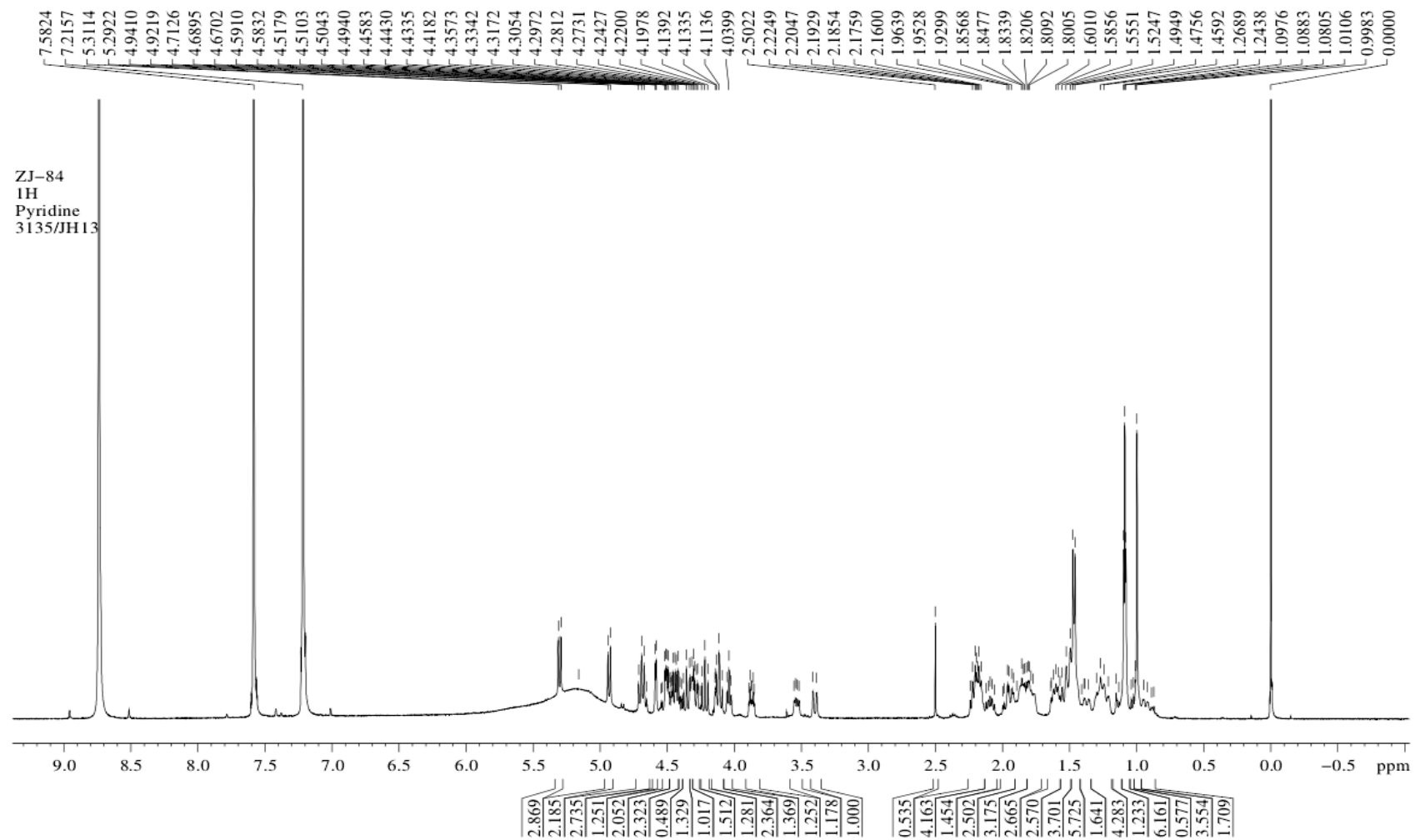
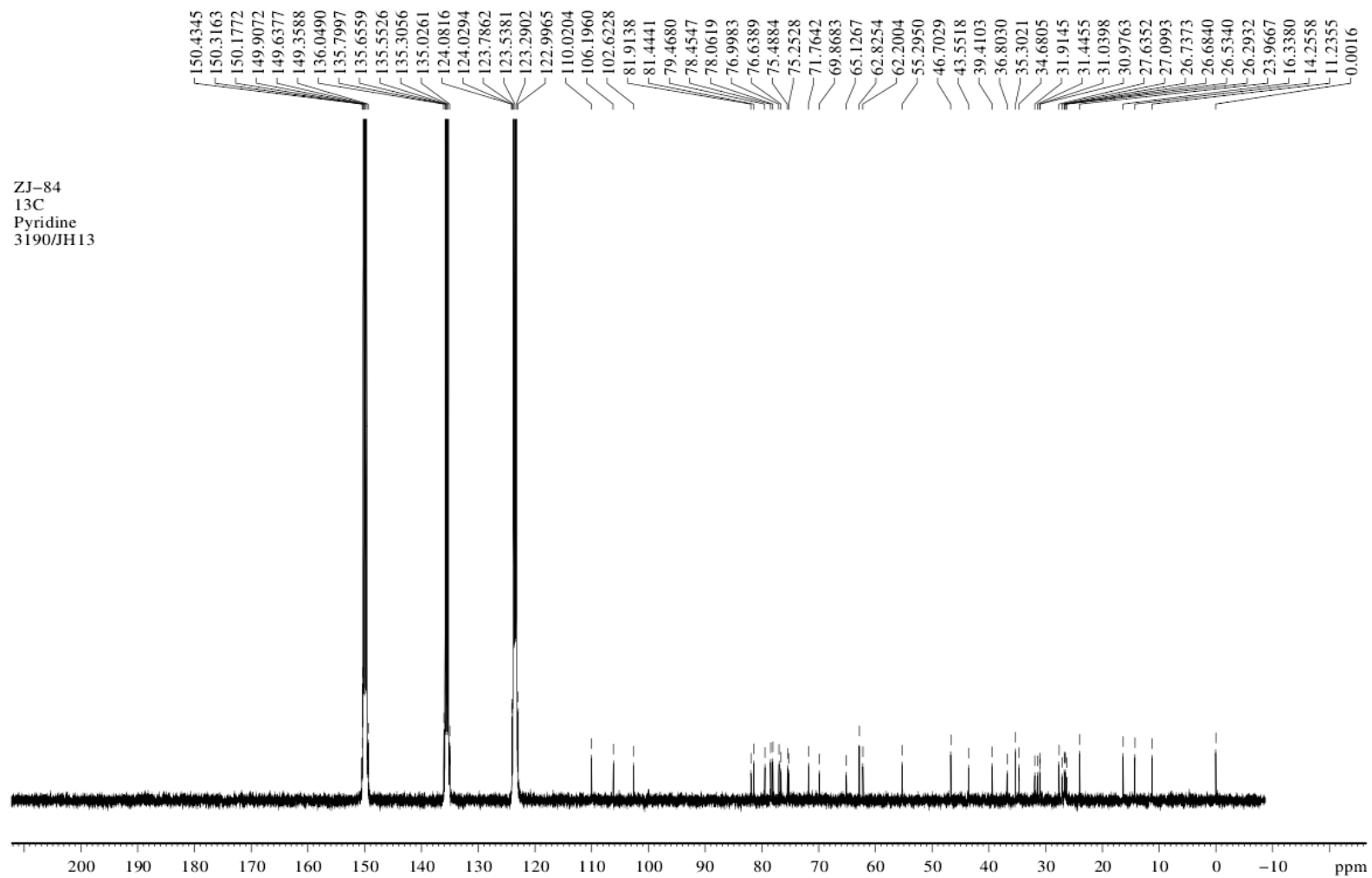


Figure S15. HR-ESI-MS spectrum of compound 4.

Figure S16. <sup>1</sup>H-NMR spectrum of compound 4.

Figure S17. <sup>13</sup>C-NMR spectrum of compound 4.