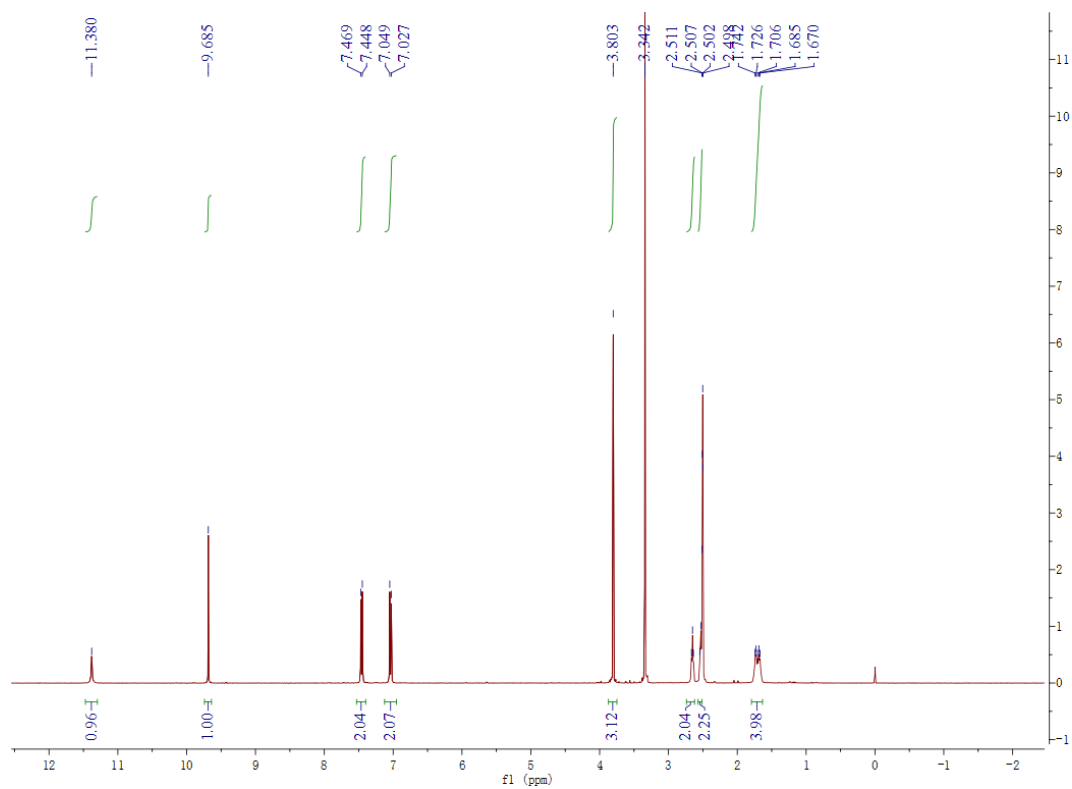
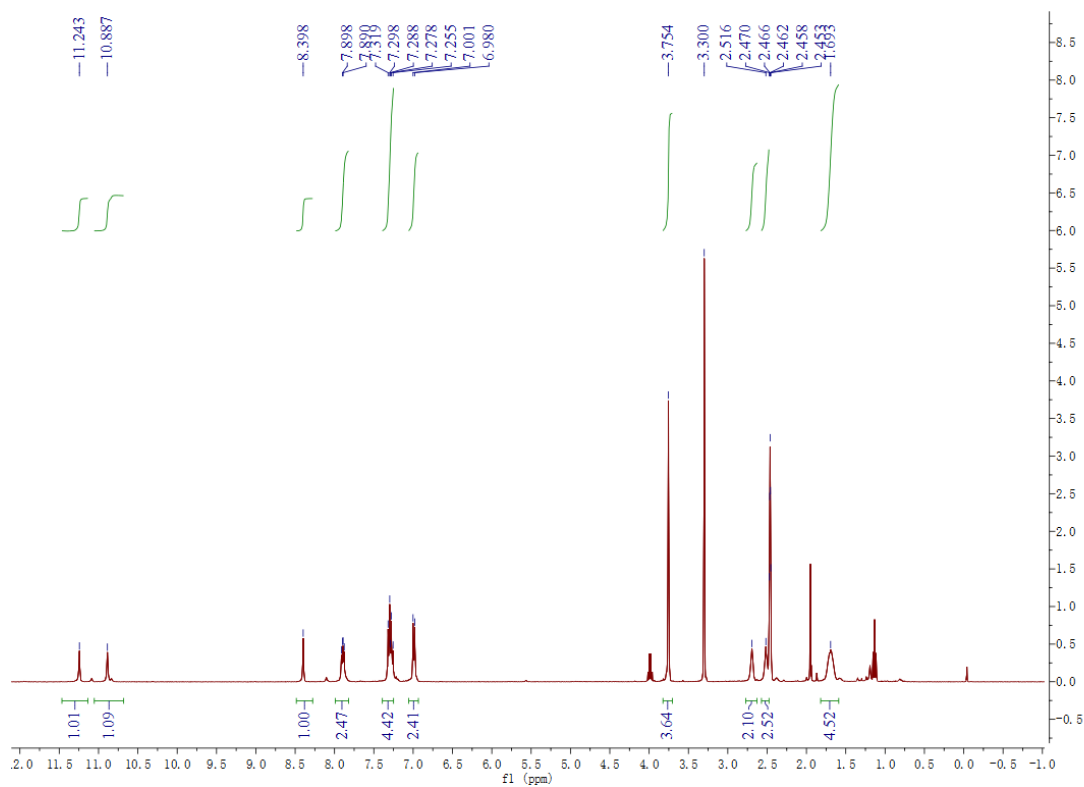


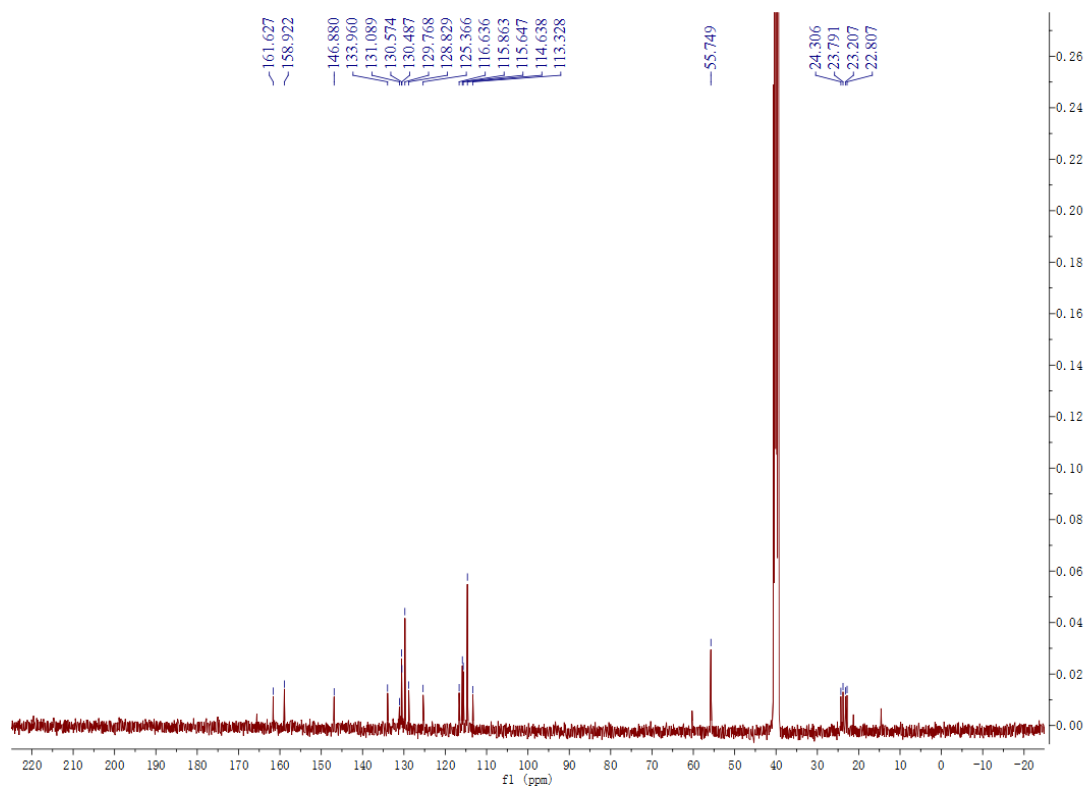
## Supplemental Material



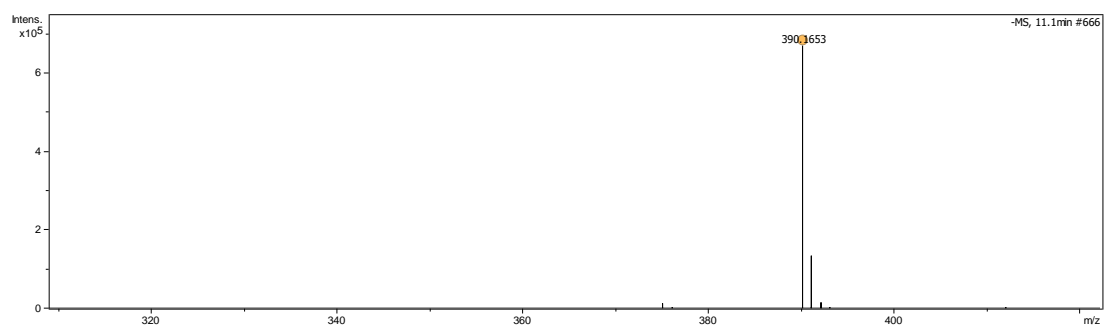
**Figure S1.  $^1\text{H}$  NMR of compound 5**



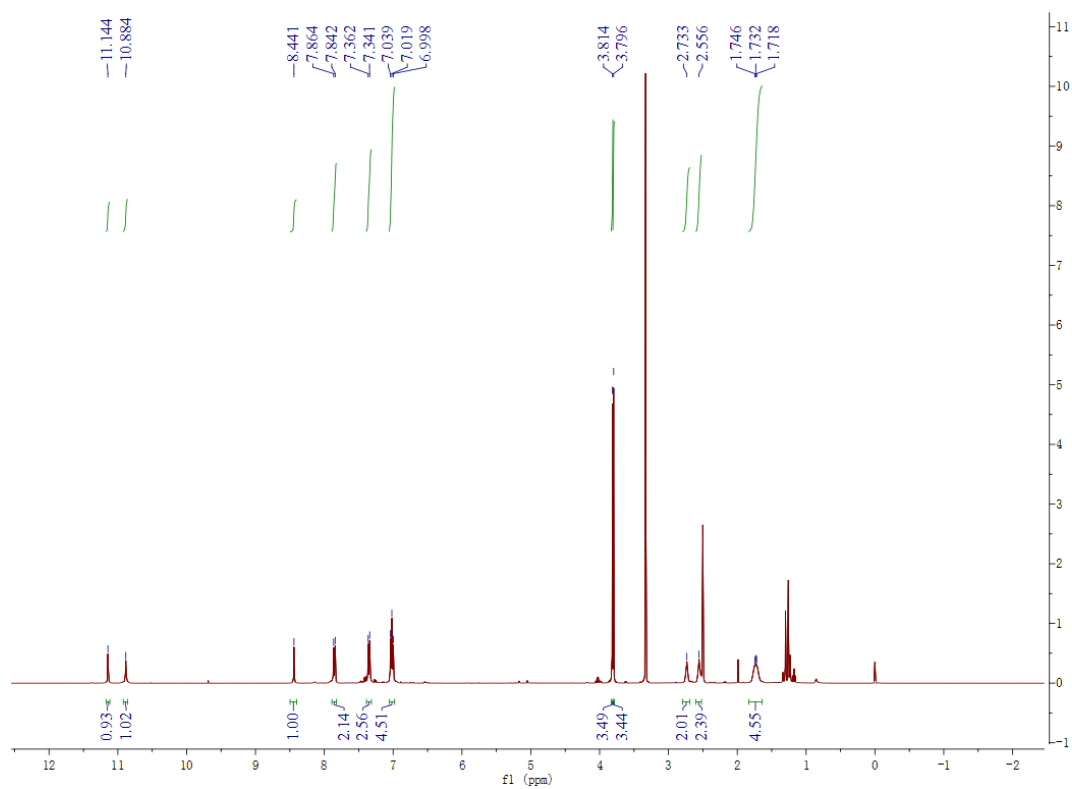
**Figure S2.  $^1\text{H}$  NMR of compound 7a**



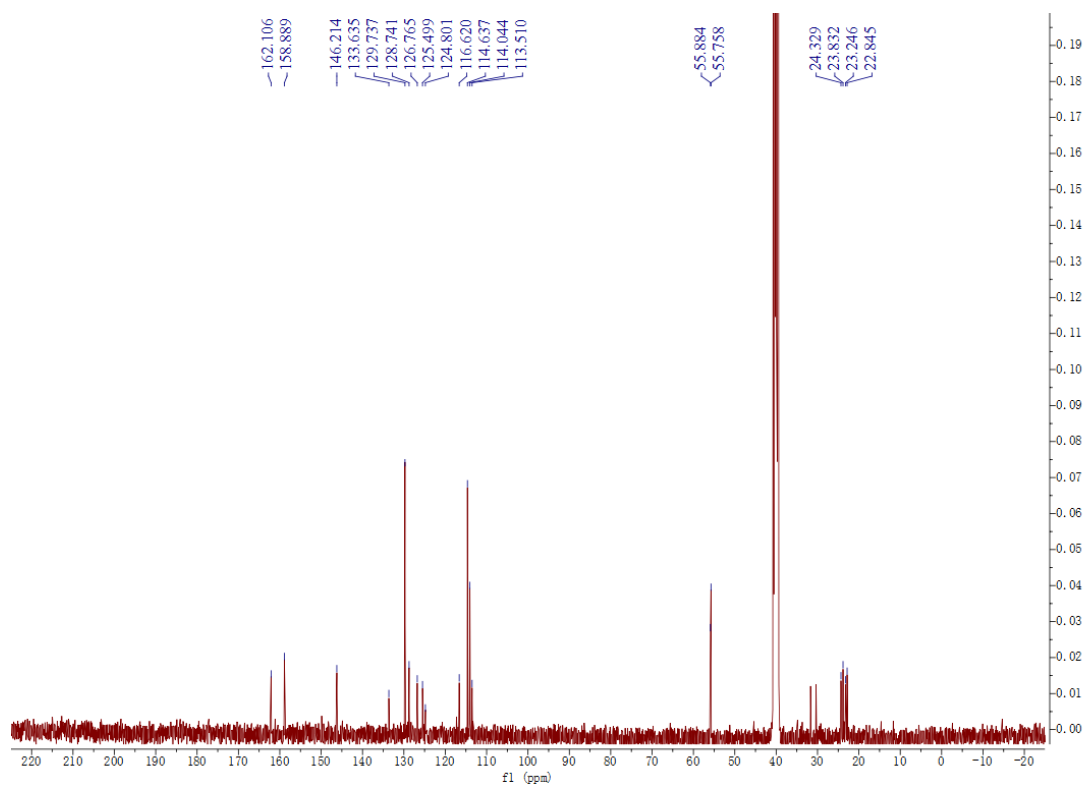
**Figure S3.**  $^{13}\text{C}$  NMR of compound **7a**



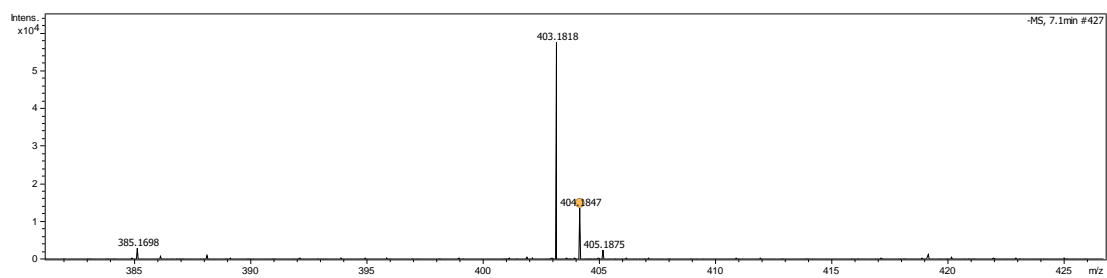
**Figure S4.** HRMS of compound **7a**



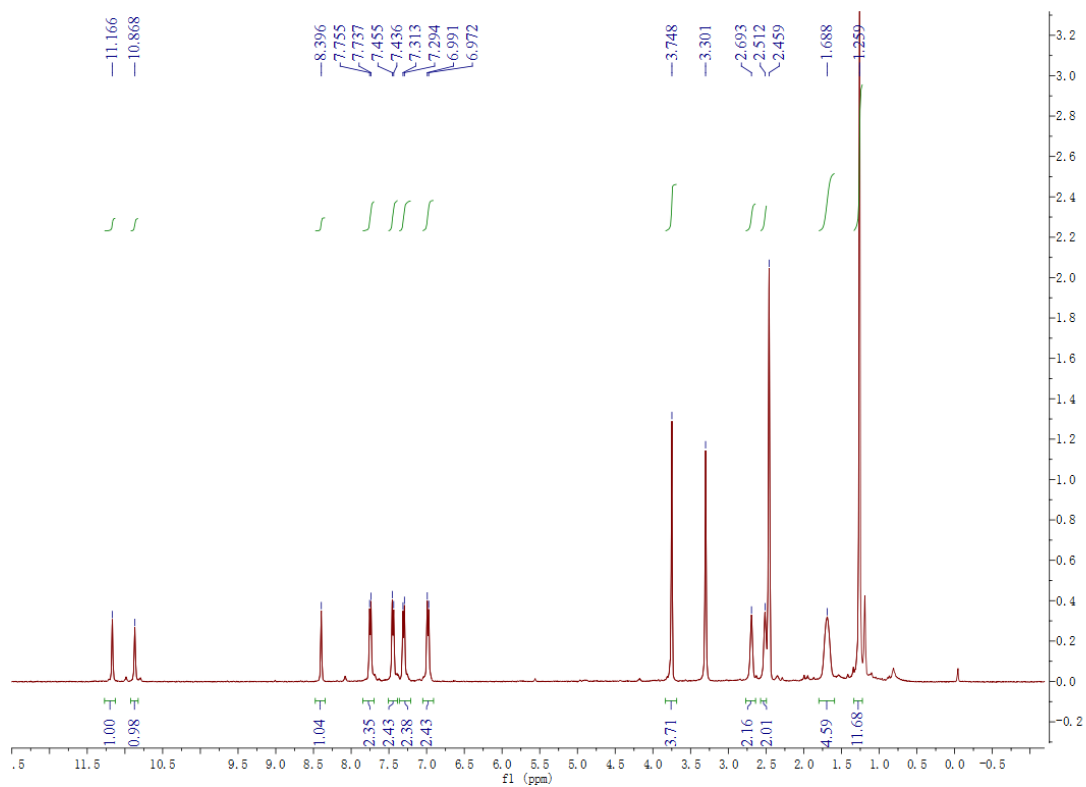
**Figure S5.  $^1\text{H}$  NMR of compound 7b**



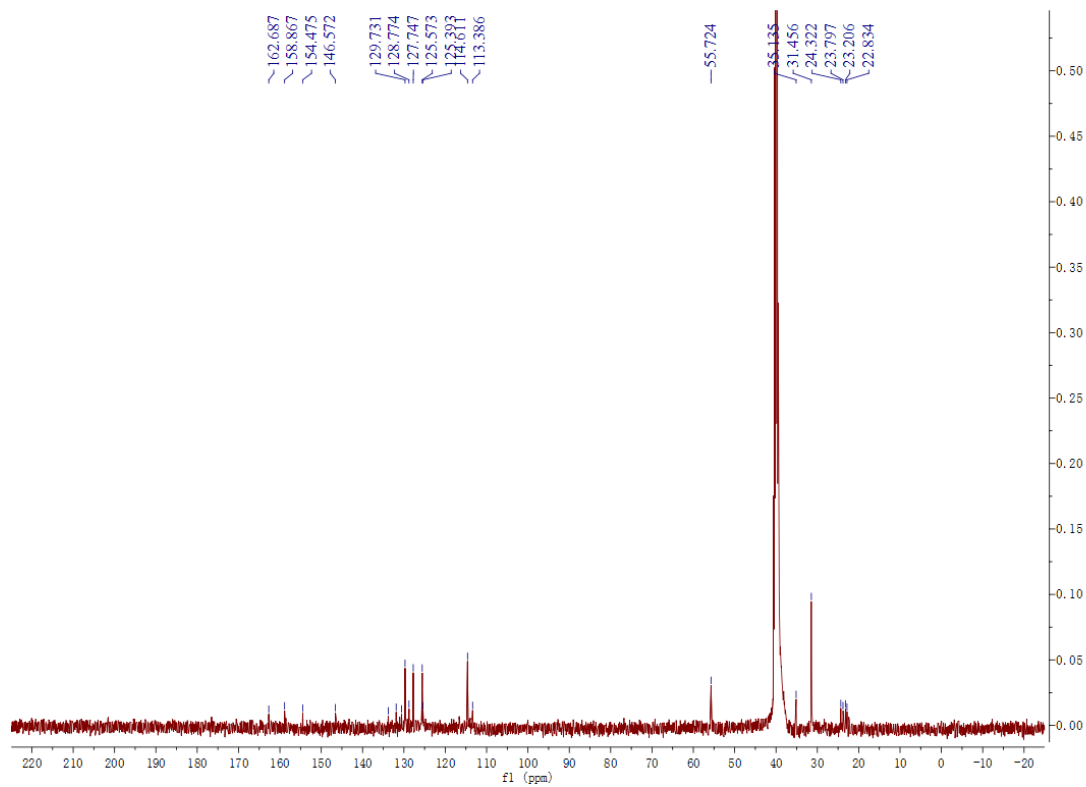
**Figure S6.  $^{13}\text{C}$  NMR of compound 7b**



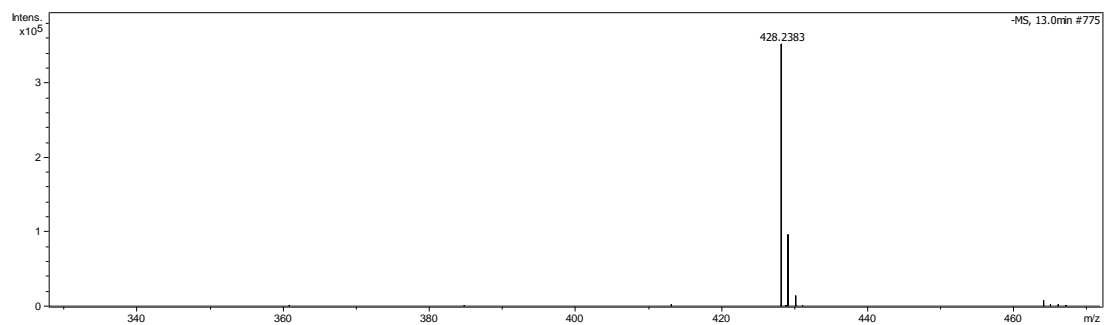
**Figure S7.** HRMS of compound **7b**



**Figure S8.**  $^1\text{H}$  NMR of compound **7c**



**Figure S9.** <sup>13</sup>C NMR of compound 7c



**Figure S10.** HRMS of compound 7c

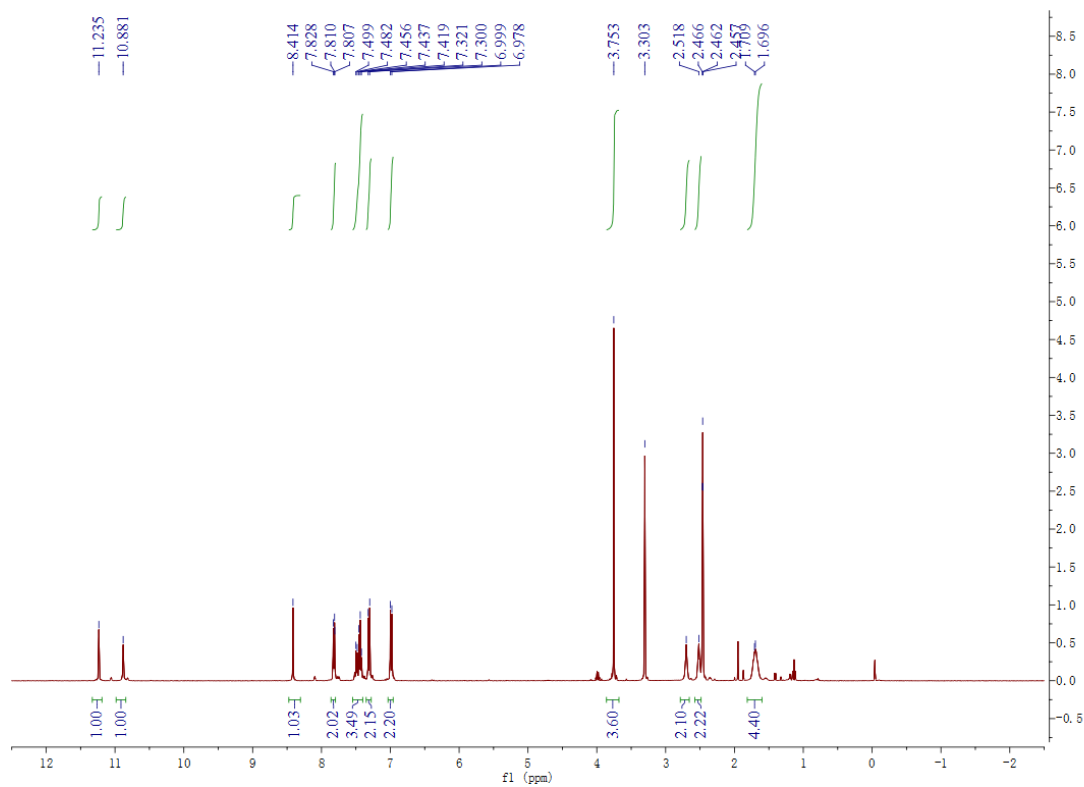


Figure S11. <sup>1</sup>H NMR of compound 7d

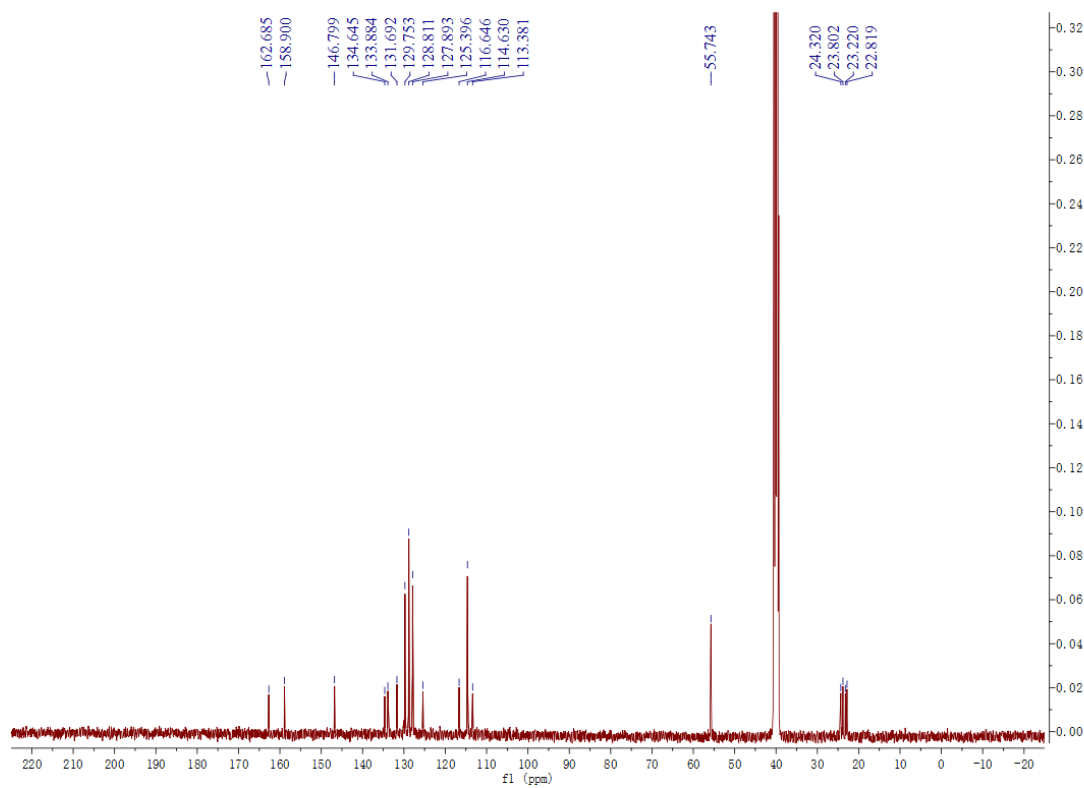
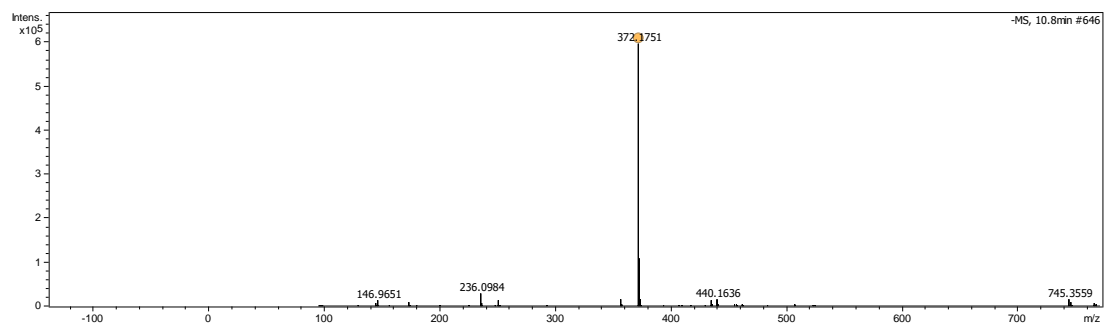
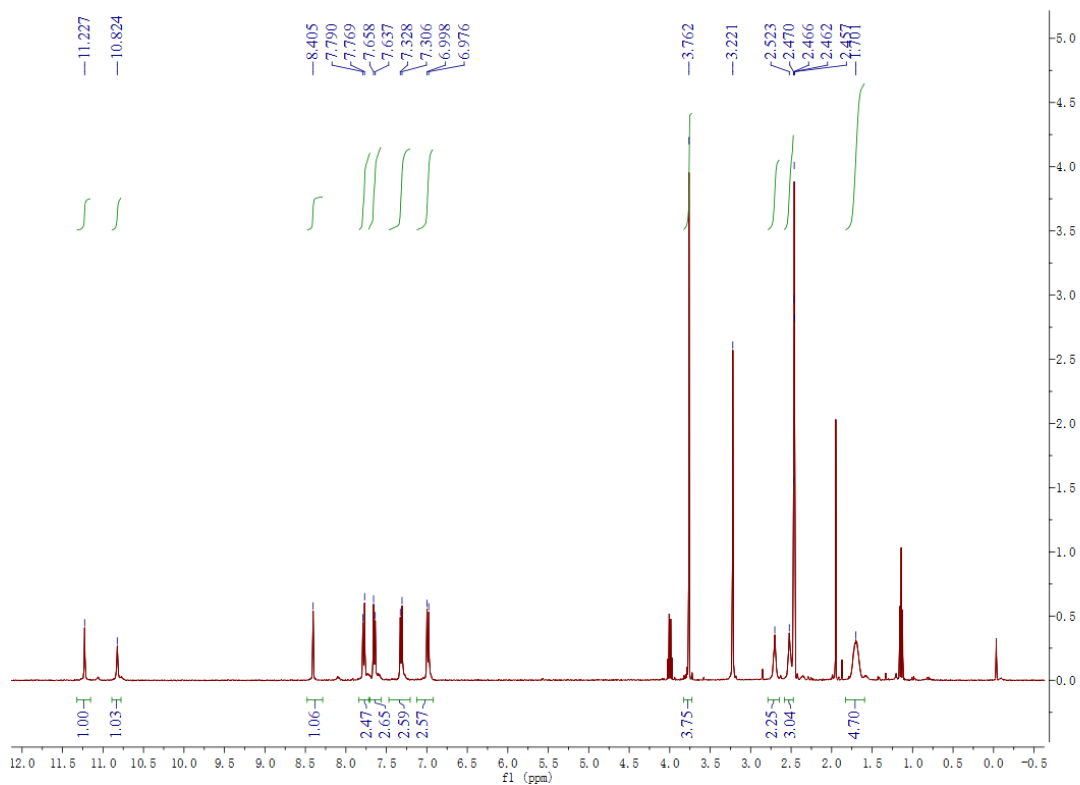


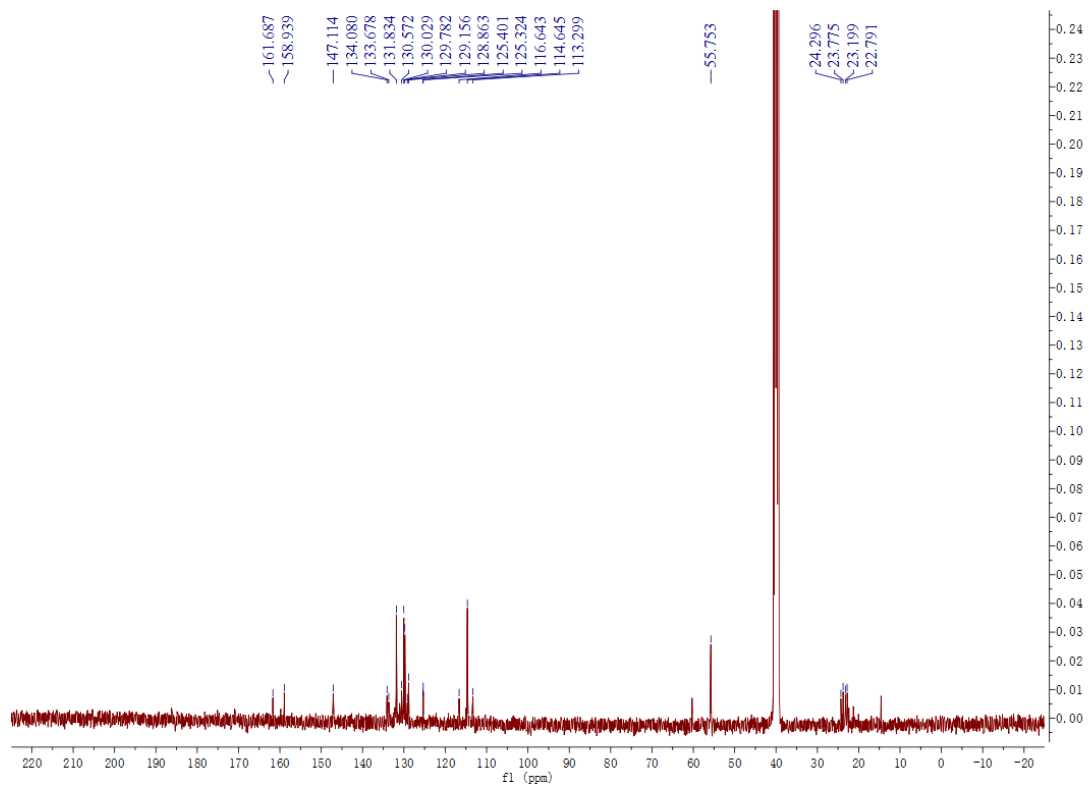
Figure S12. <sup>13</sup>C NMR of compound 7d



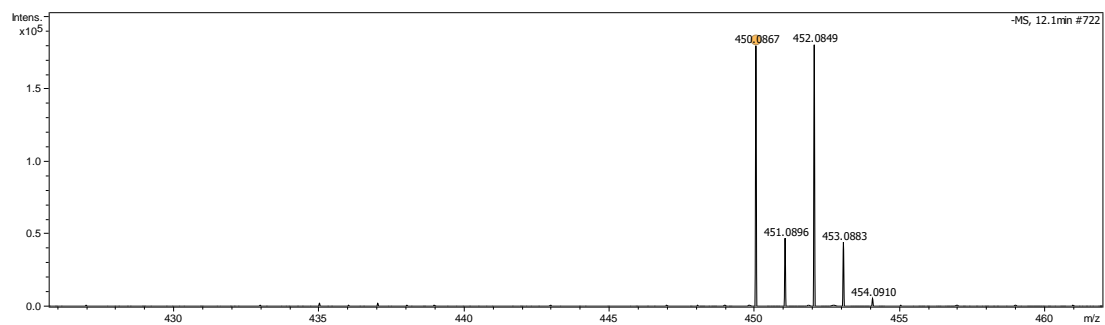
**Figure S13.** HRMS of compound **7d**



**Figure S14.** <sup>1</sup>H NMR of compound **7e**

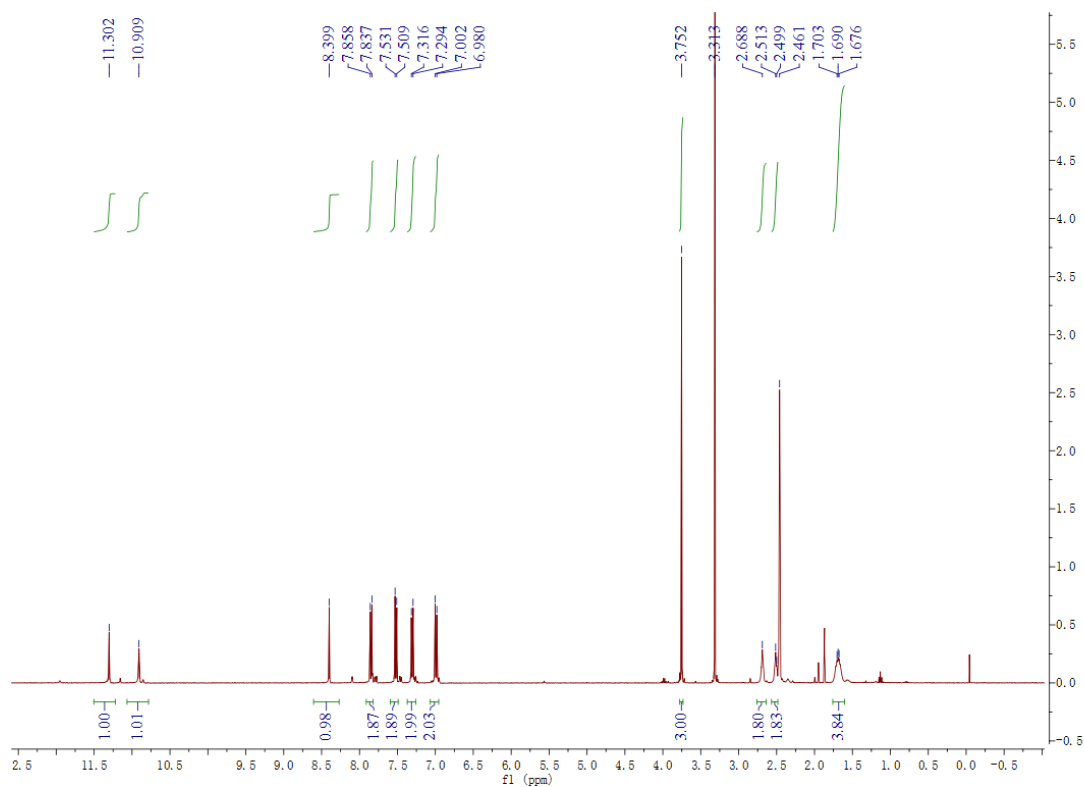


**Figure S15.**  $^{13}\text{C}$  NMR of compound **7e**

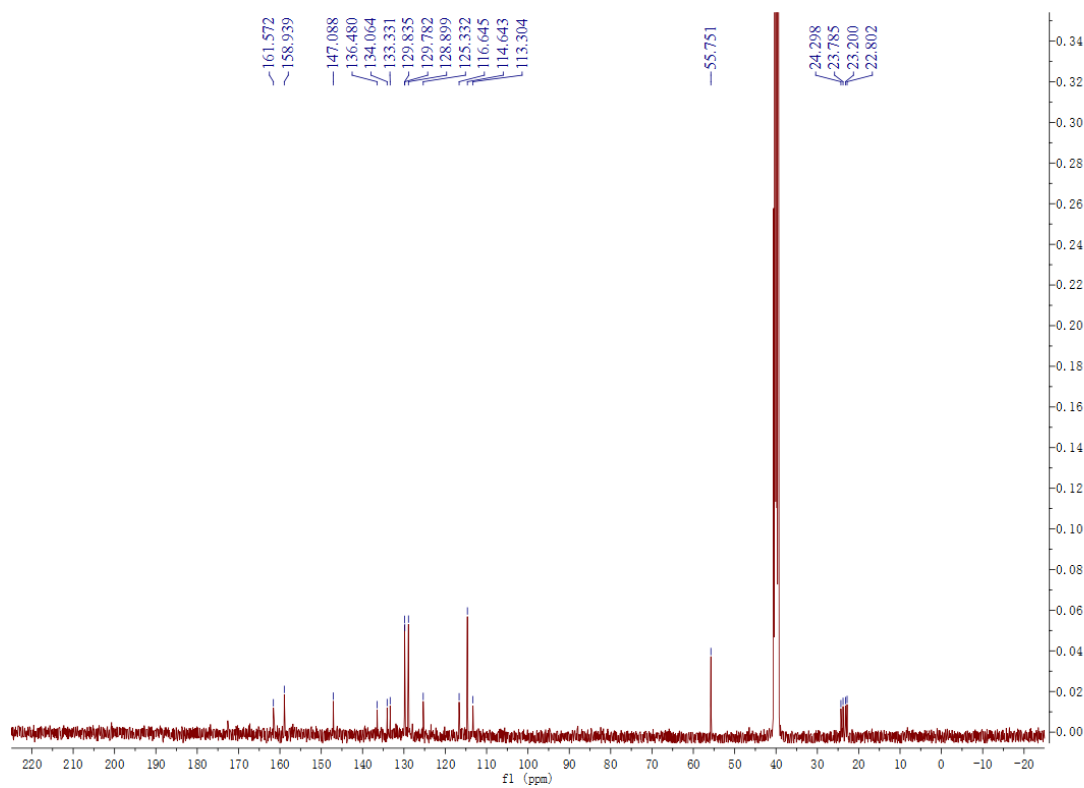


**Figure S16.** HRMS of compound **7e**

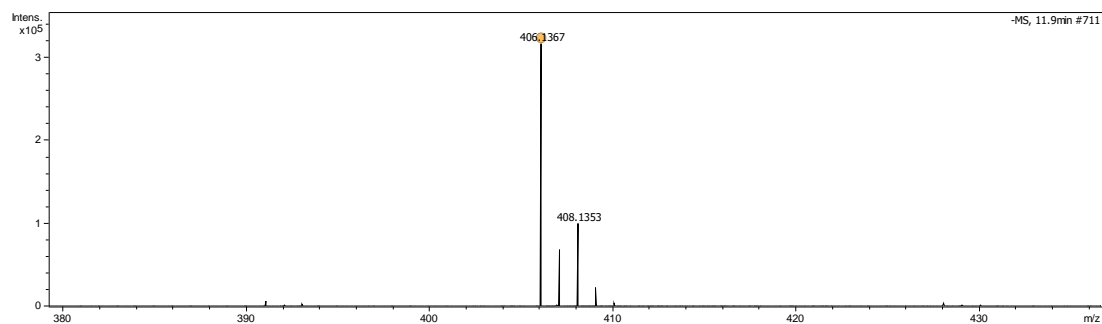




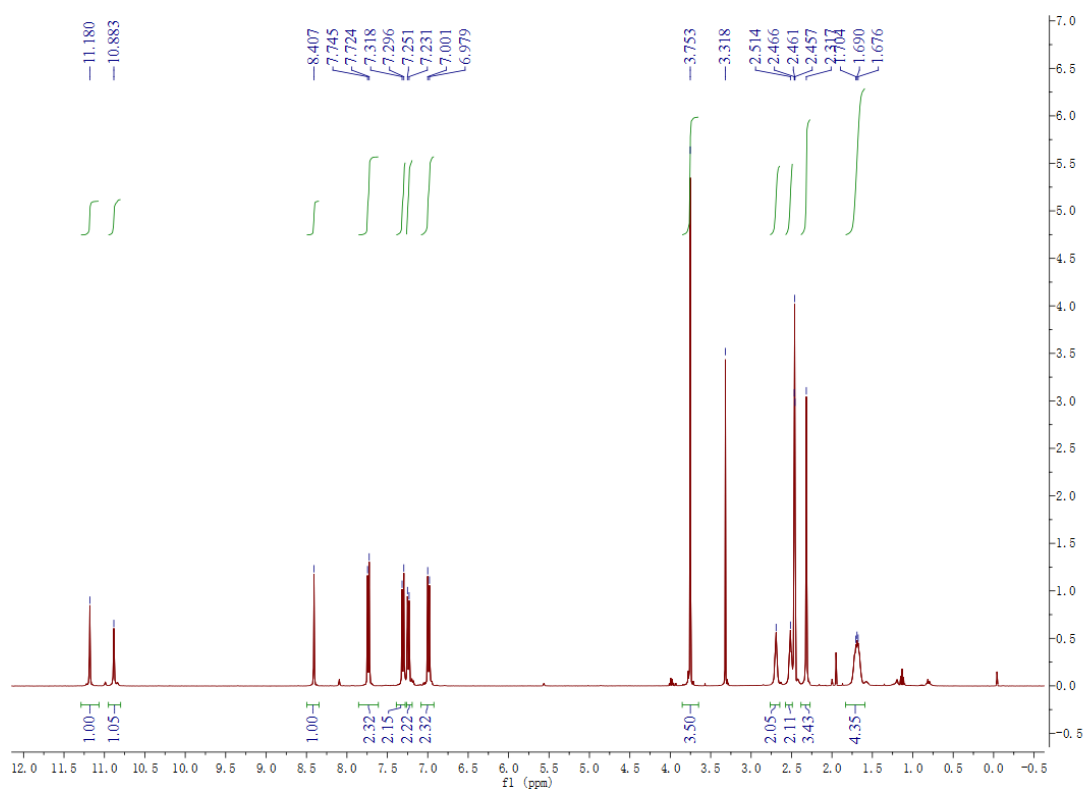
**Figure S17.** <sup>1</sup>H NMR of compound 7f



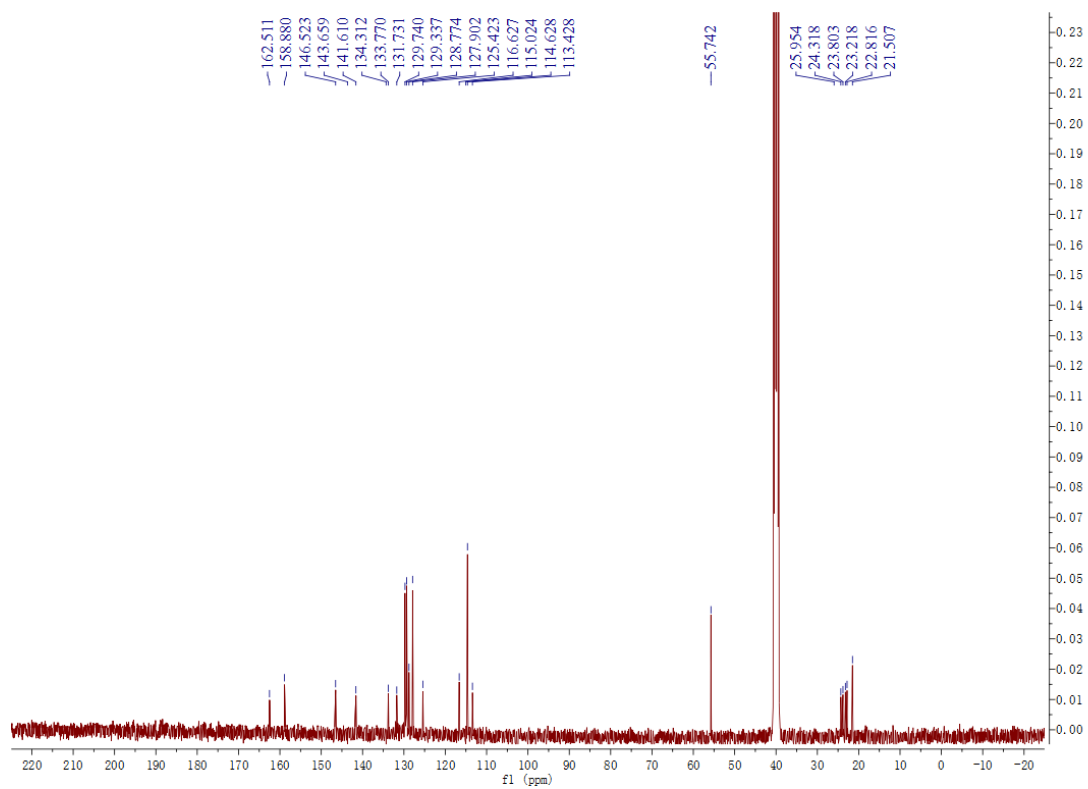
**Figure S18.** <sup>13</sup>C NMR of compound 7f



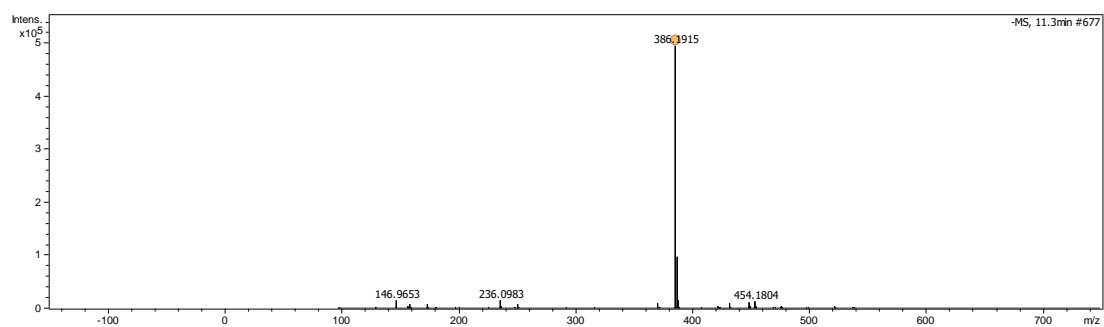
**Figure S19.** HRMS of compound **7f**



**Figure S20.**  $^1\text{H}$  NMR of compound **7g**



**Figure S21.**  $^{13}\text{C}$  NMR of compound **7g**



**Figure S22.** HRMS of compound **7g**

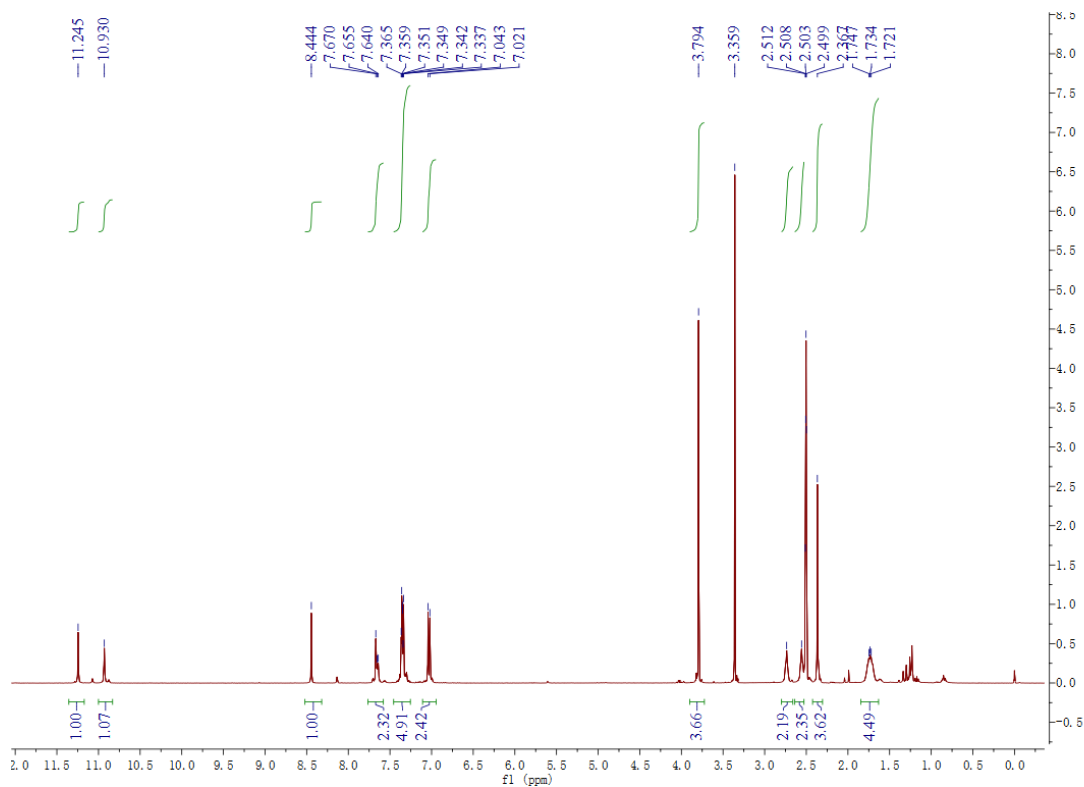


Figure S23. <sup>1</sup>H NMR of compound 7h

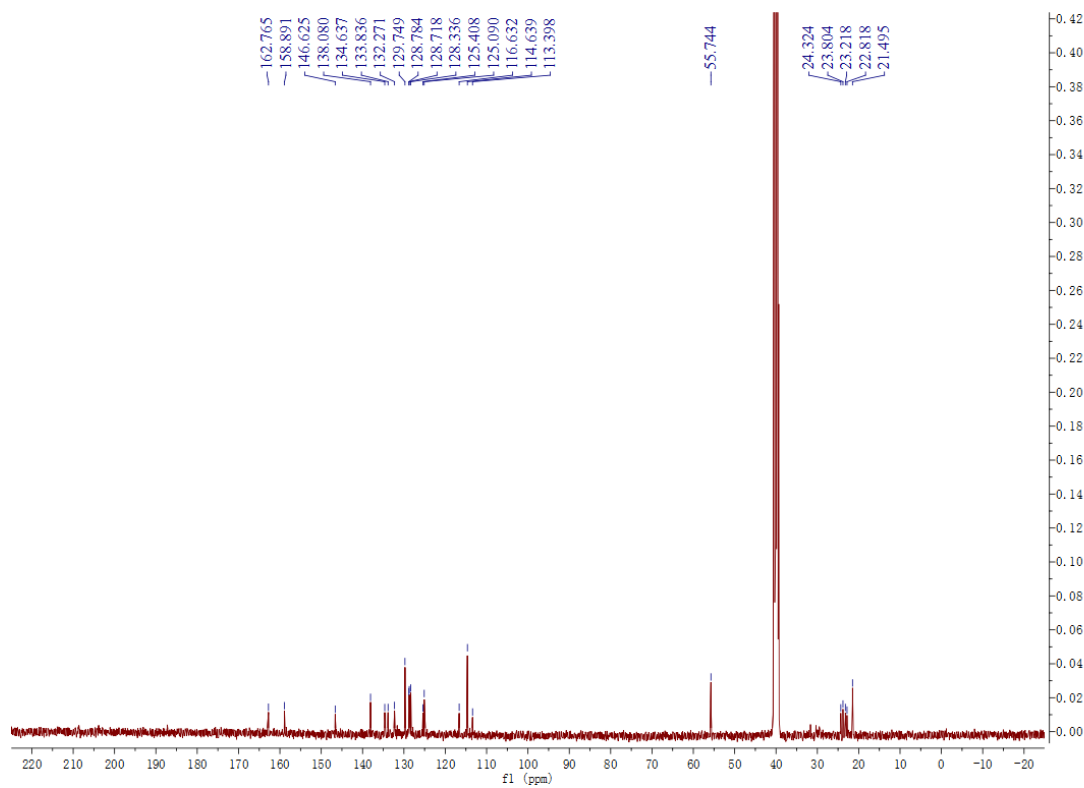
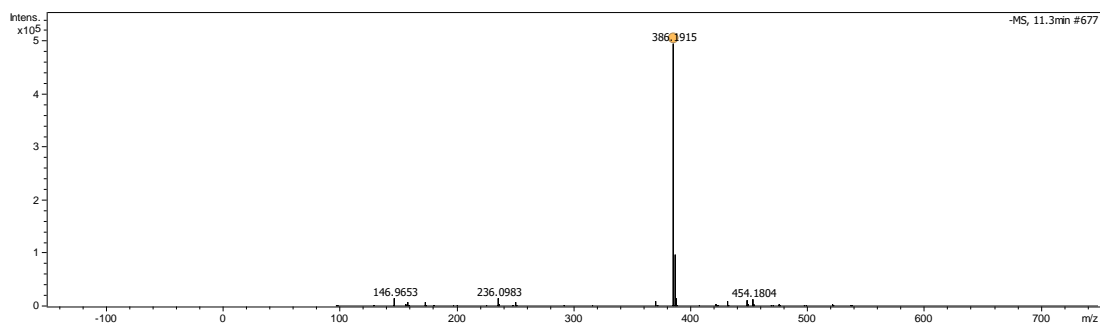
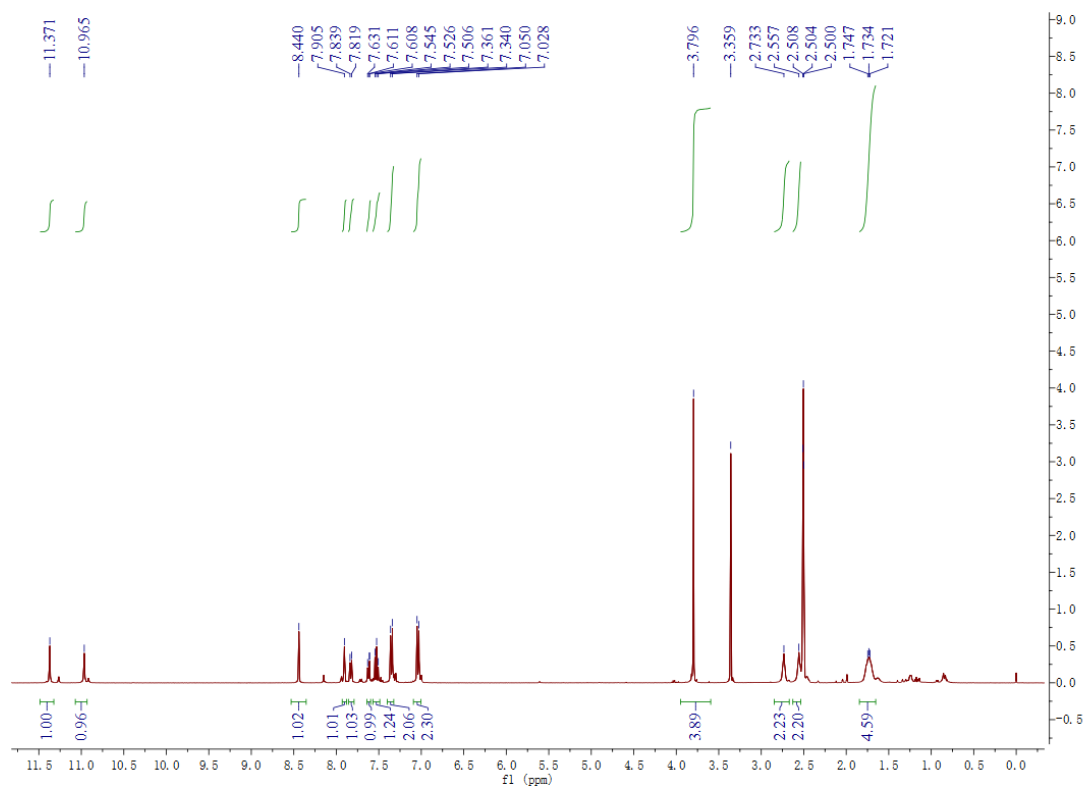


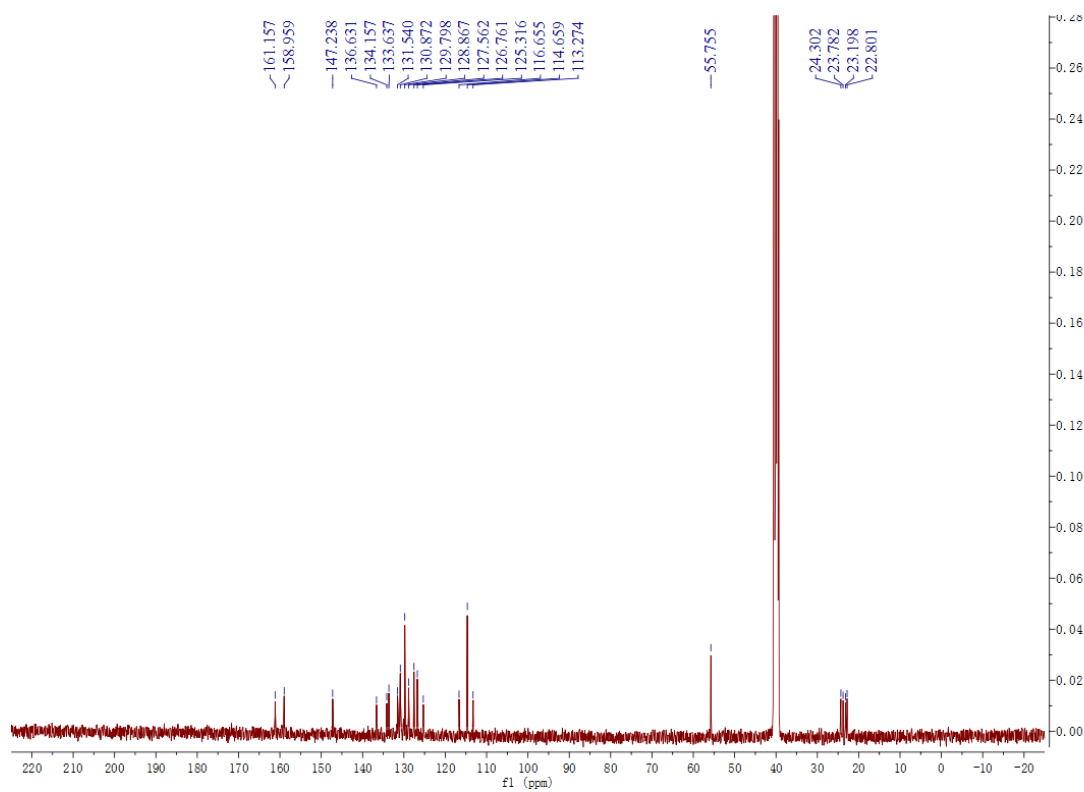
Figure S24. <sup>13</sup>C NMR of compound 7h



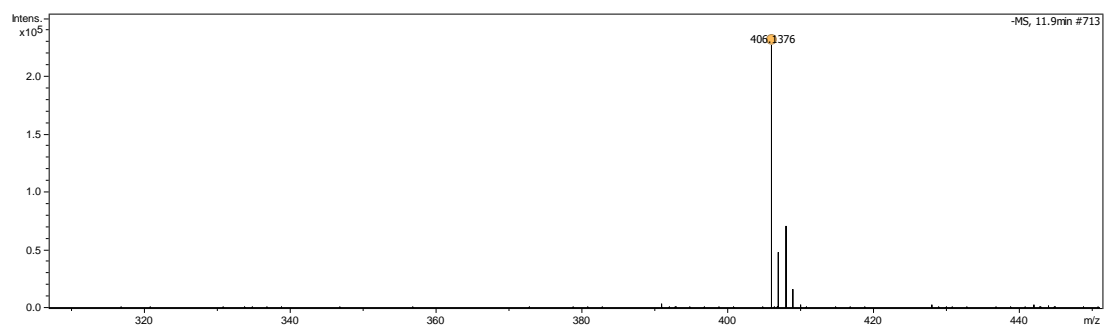
**Figure S25.** HRMS of compound **7h**



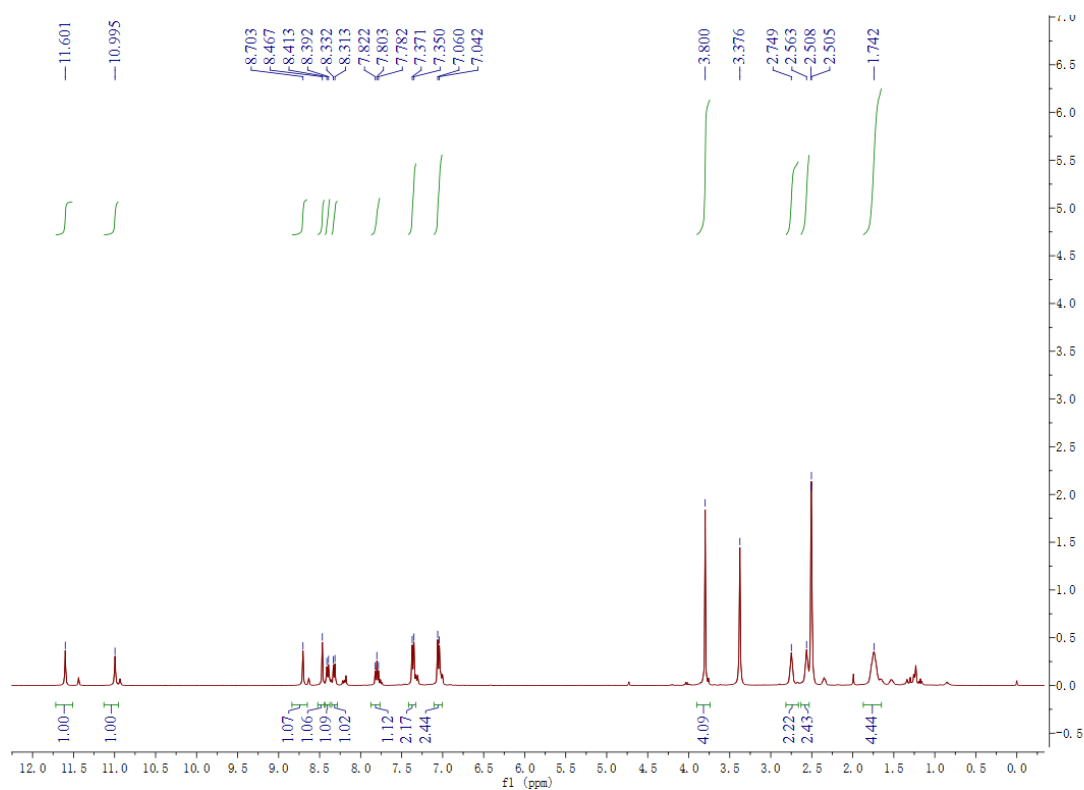
**Figure S26.**  $^1\text{H}$  NMR of compound **7i**



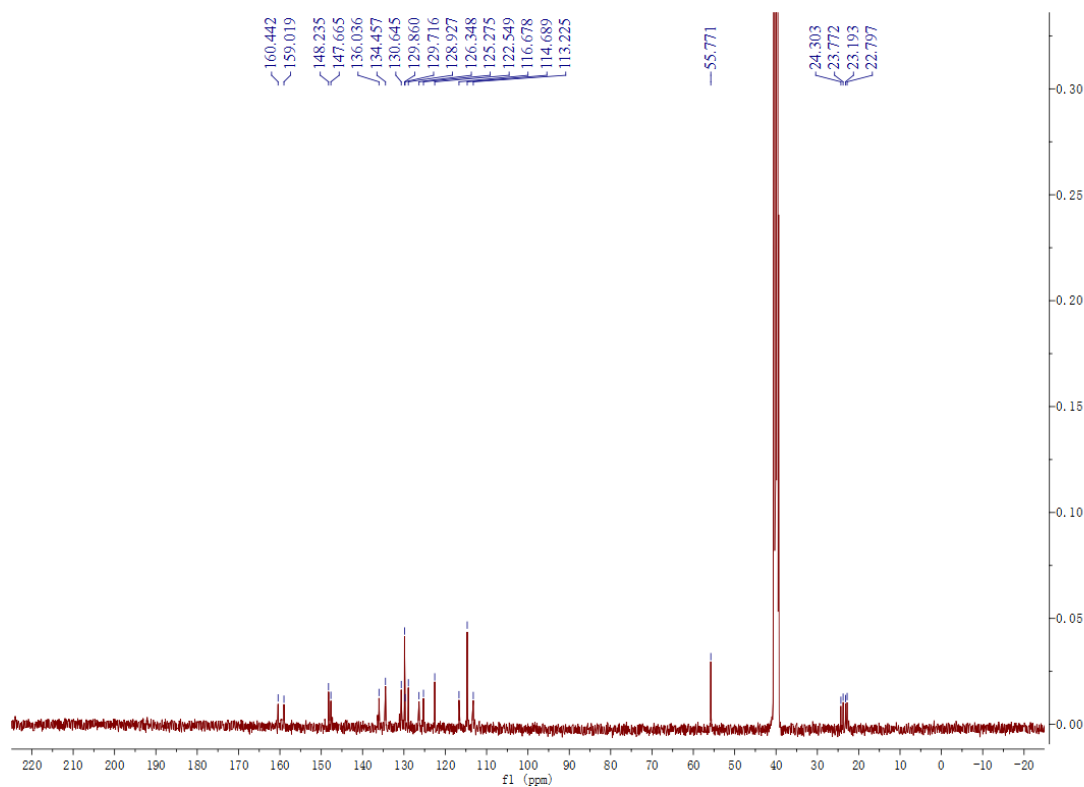
**Figure S27.** <sup>13</sup>C NMR of compound **7i**



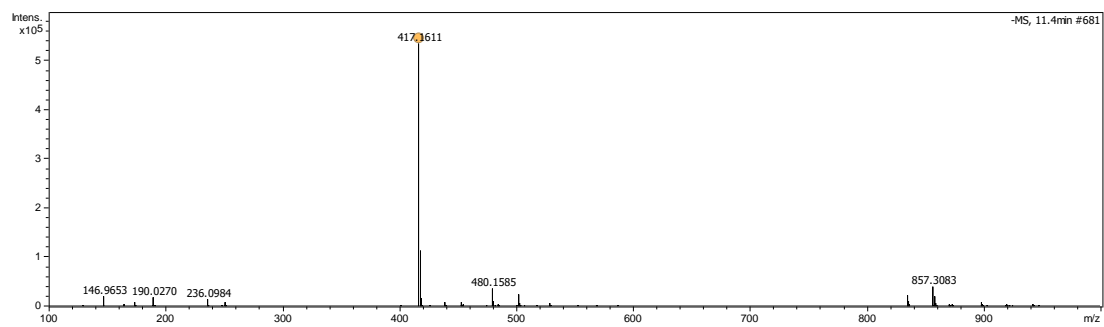
**Figure S28.** HRMS of compound **7i**



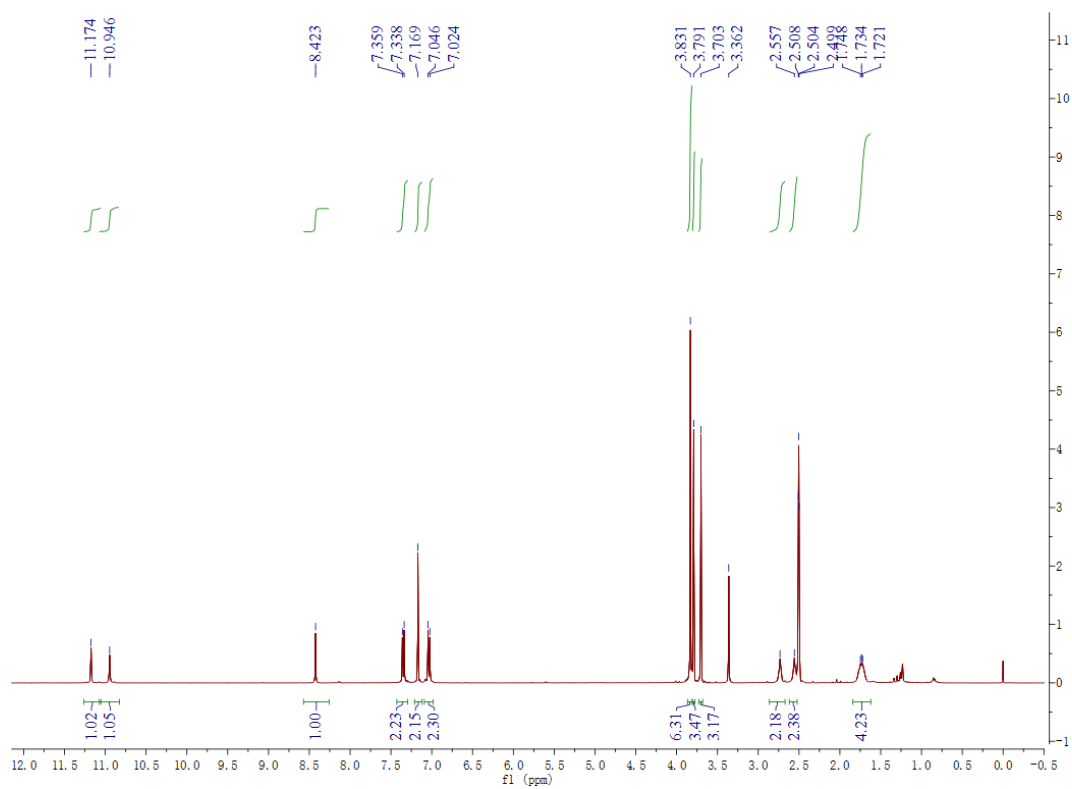
**Figure S29.** <sup>1</sup>H NMR of compound 7j



**Figure S30.** <sup>13</sup>C NMR of compound 7j



**Figure S31.** HRMS of compound **7j**



**Figure S32.** <sup>1</sup>H NMR of compound **7k**



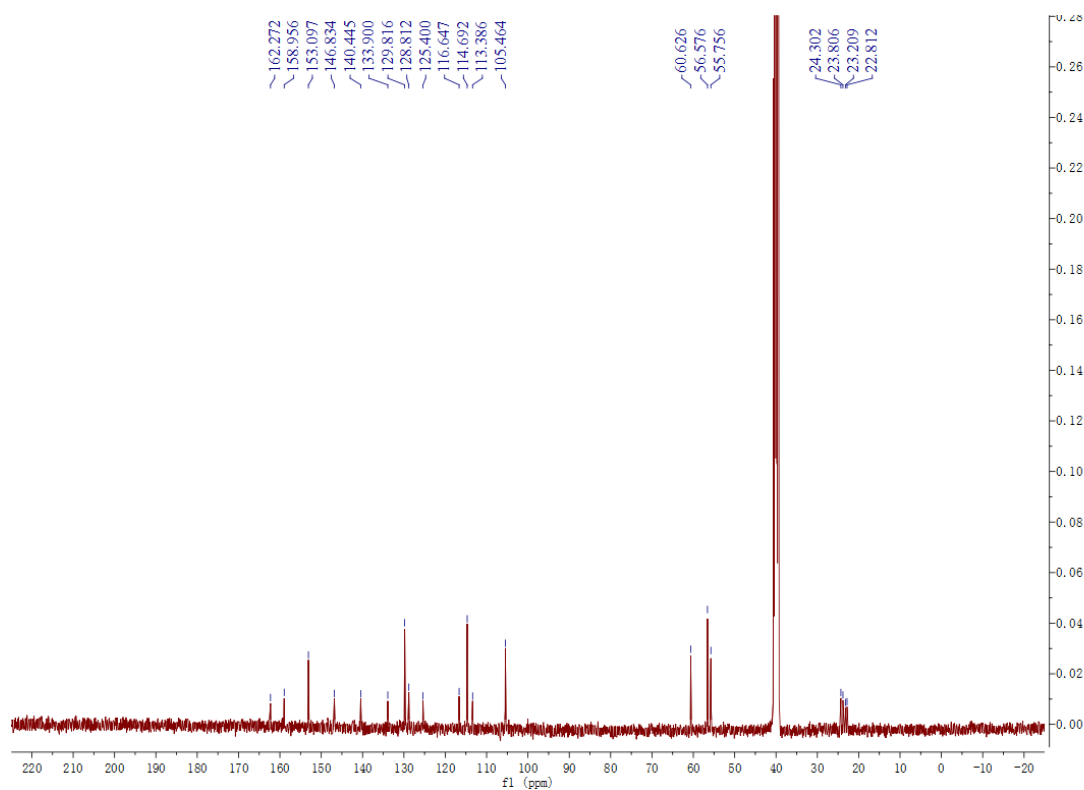


Figure S33. <sup>13</sup>C NMR of compound 7k

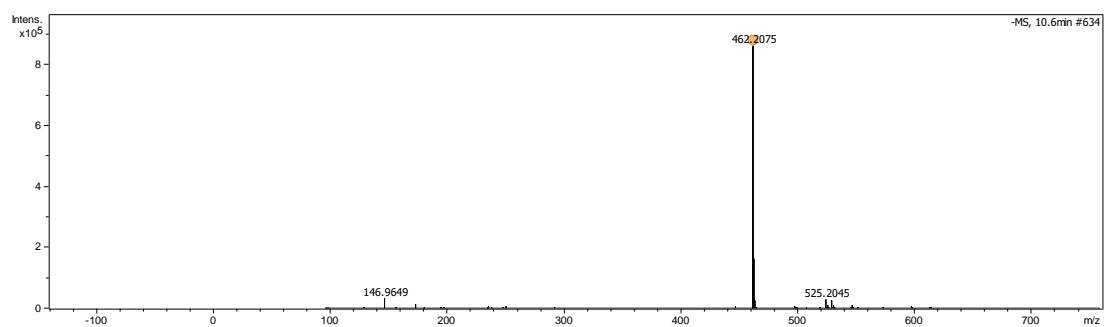
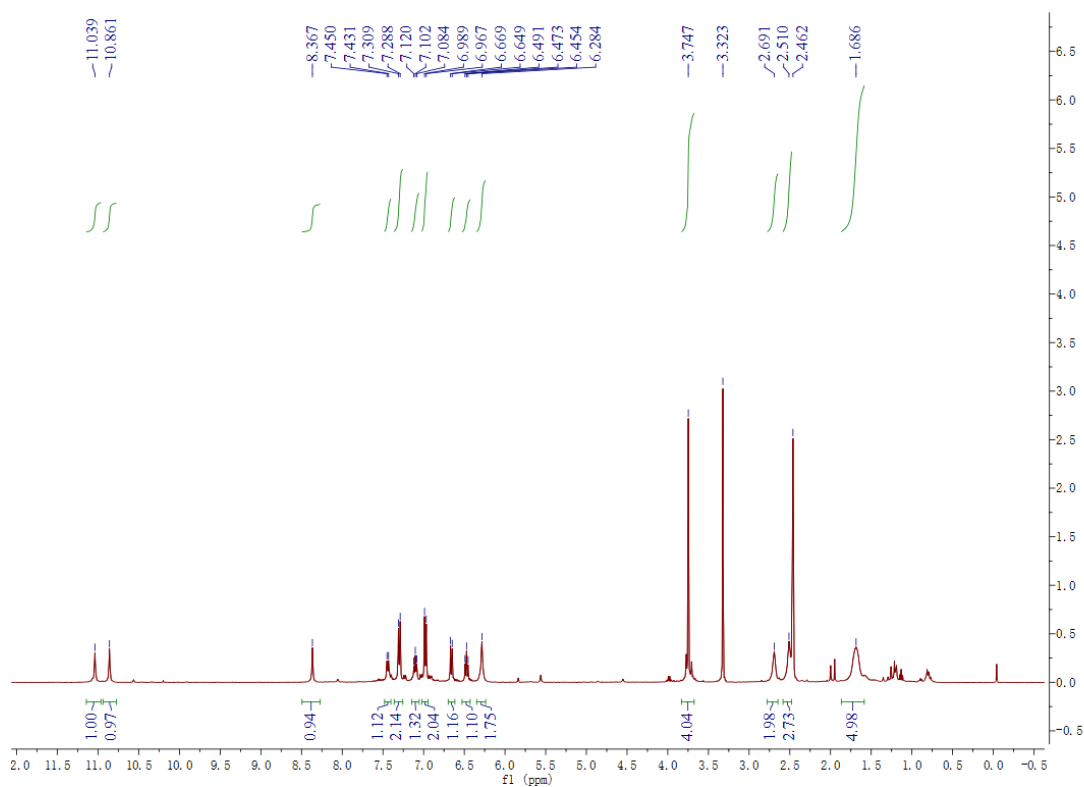
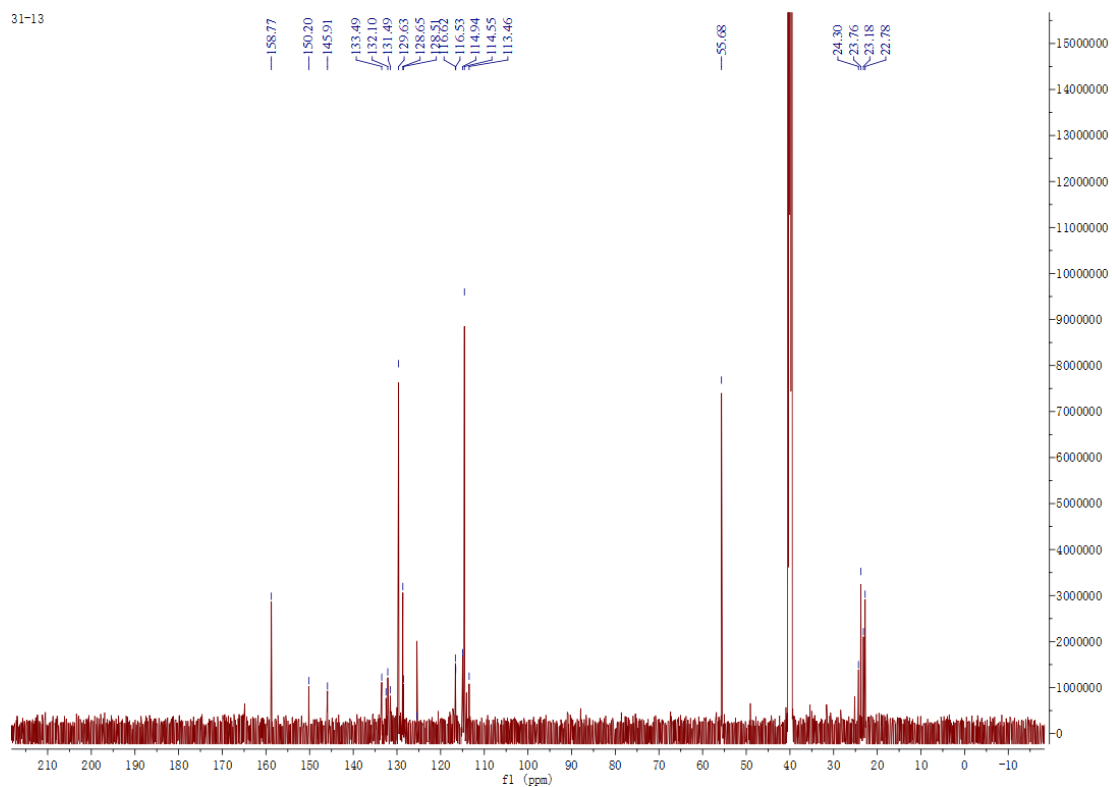


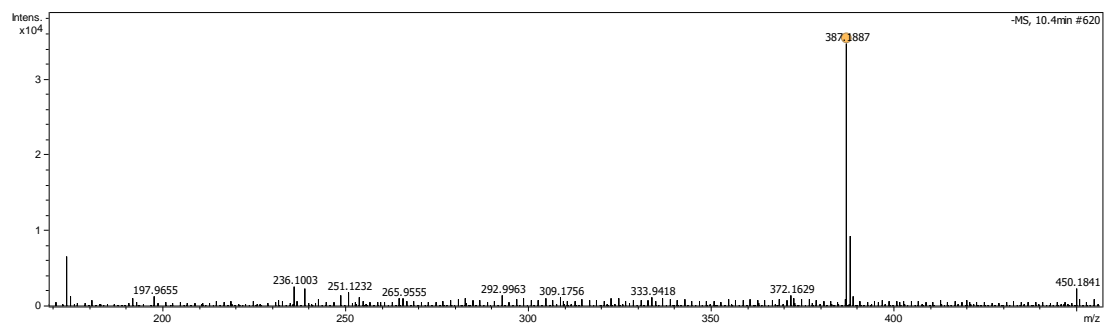
Figure S34. HRMS of compound 7k



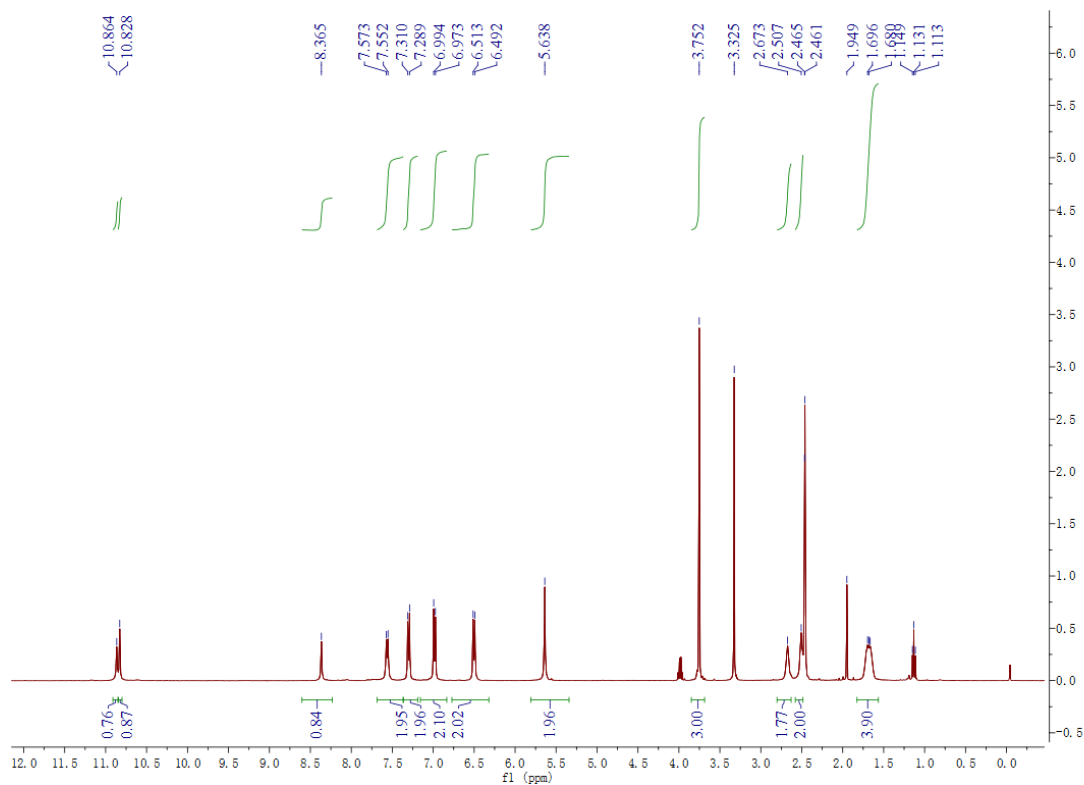
**Figure S35.** <sup>1</sup>H NMR of compound 7I



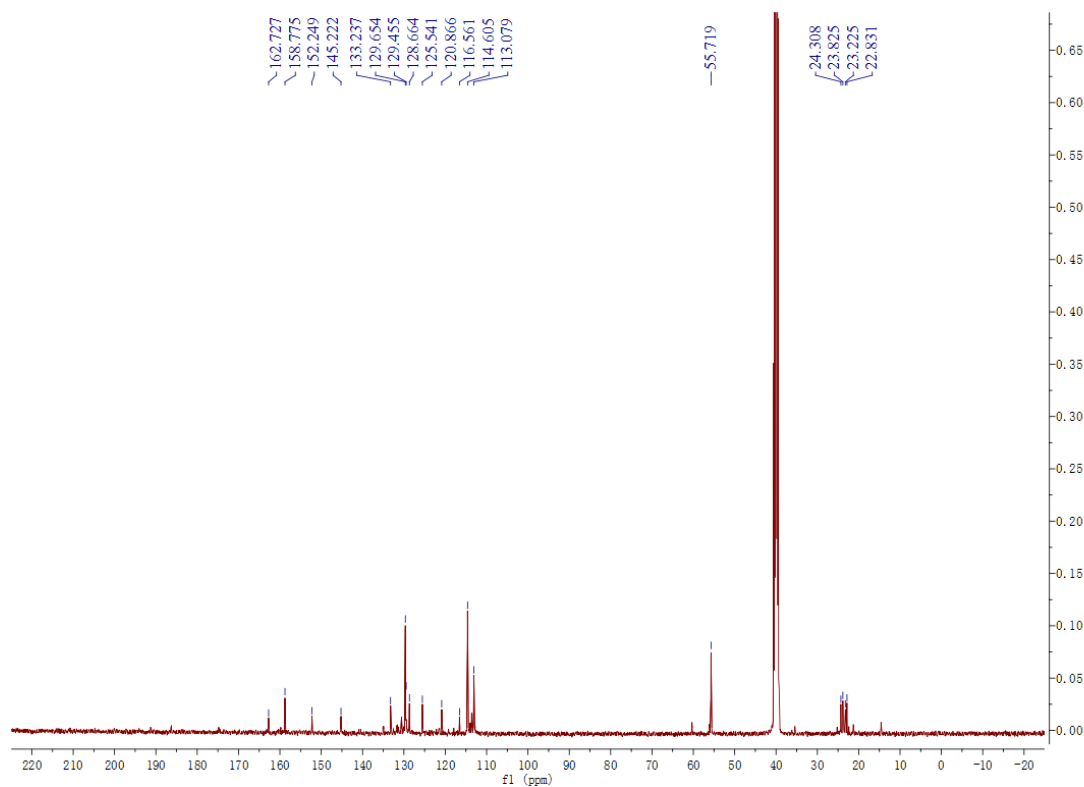
**Figure S36.** <sup>13</sup>C NMR of compound 7I



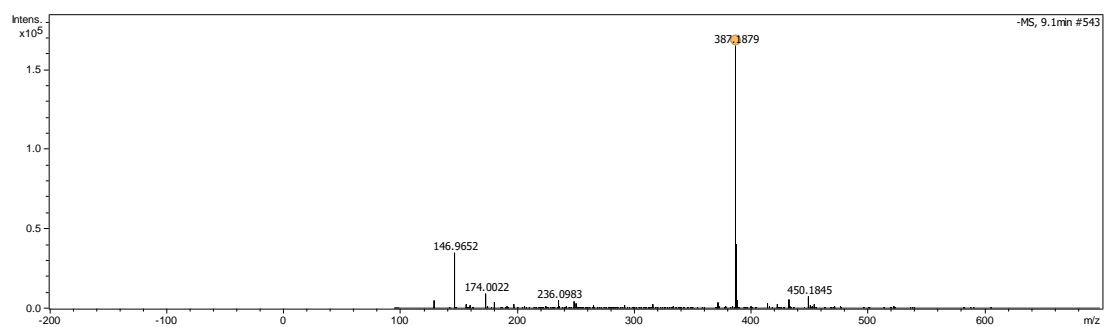
**Figure S37.** HRMS of compound **7l**



**Figure S38.** <sup>1</sup>H NMR of compound **7m**



**Figure S39.** <sup>13</sup>C NMR of compound **7m**



**Figure S40.** HRMS of compound **7m**

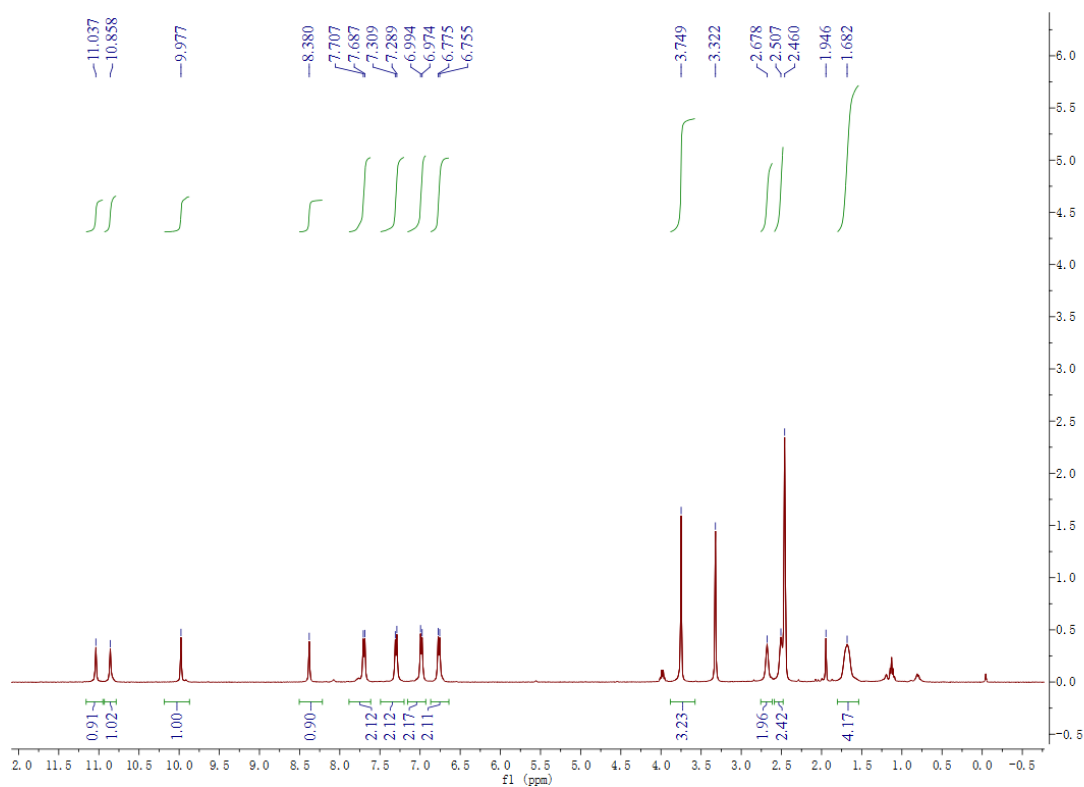


Figure S41. <sup>1</sup>H NMR of compound 7n

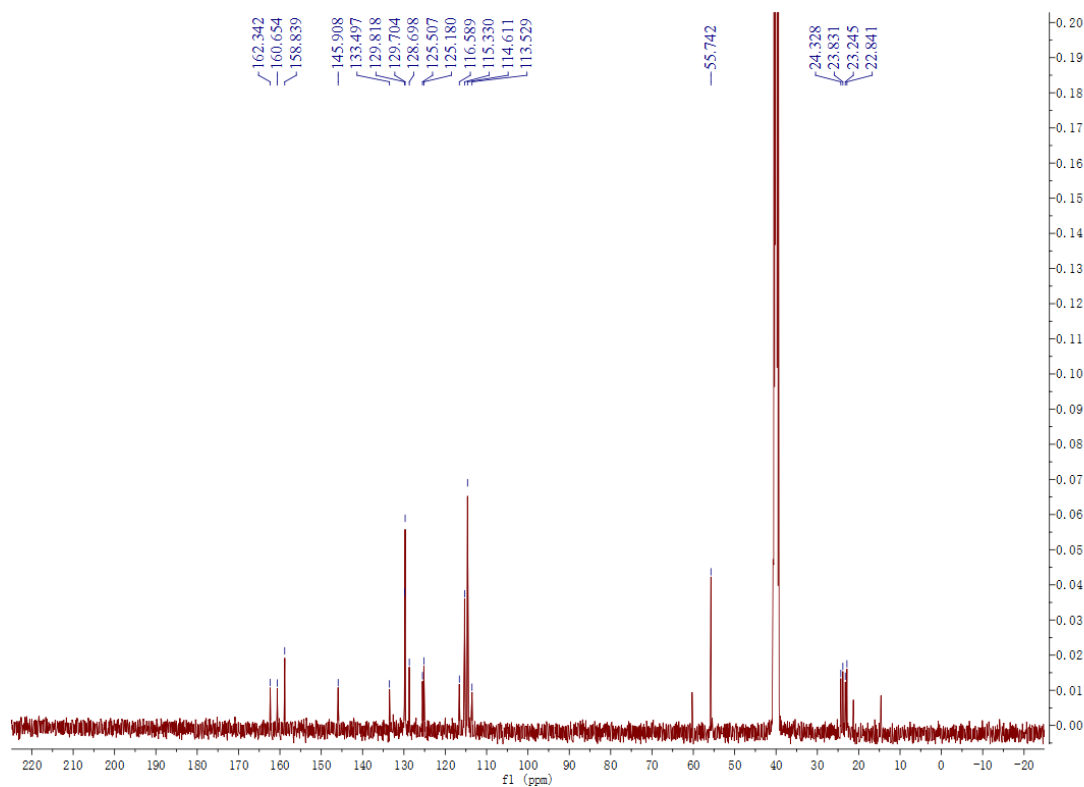
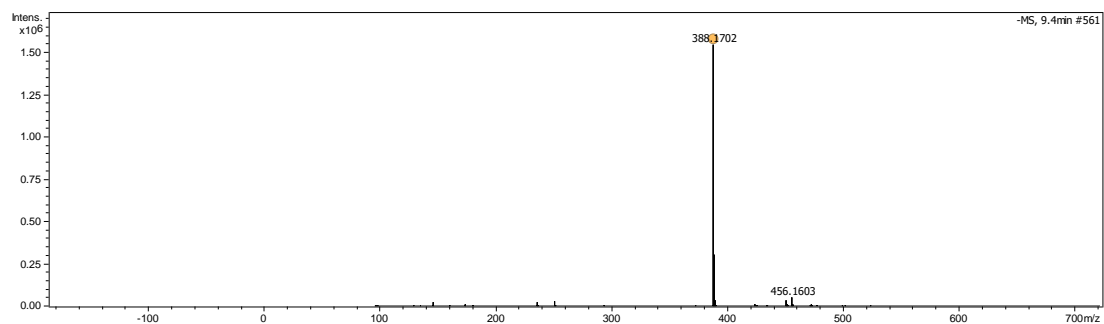
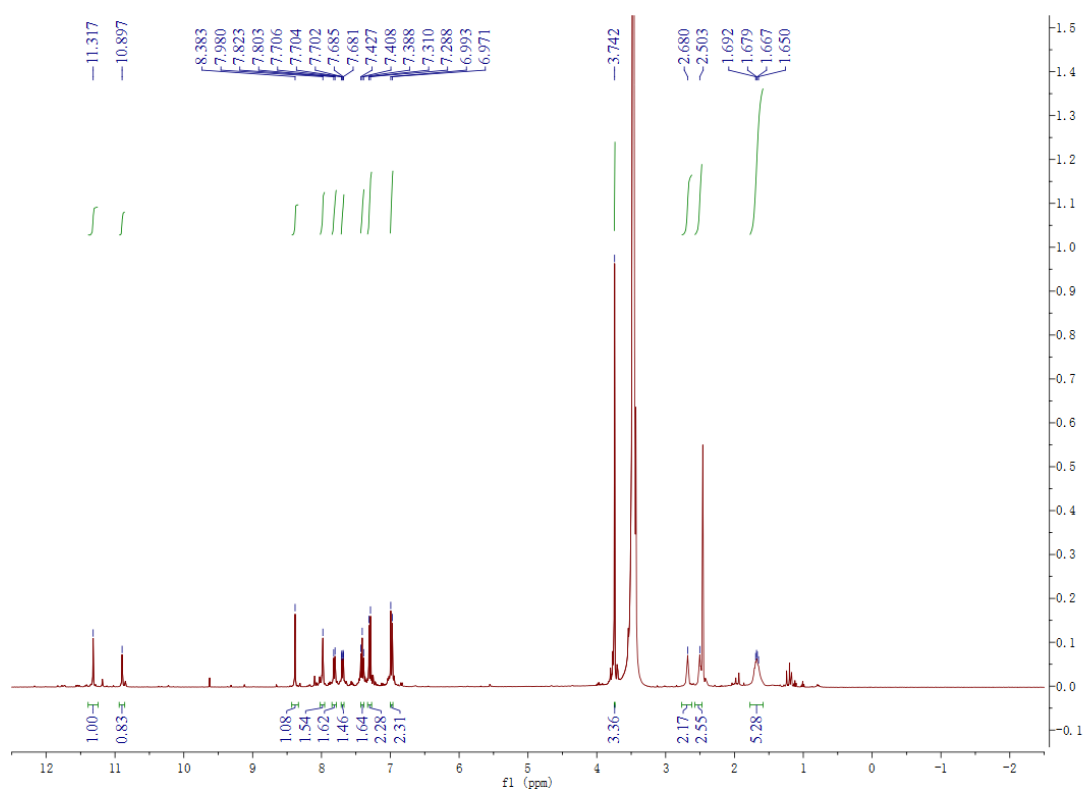


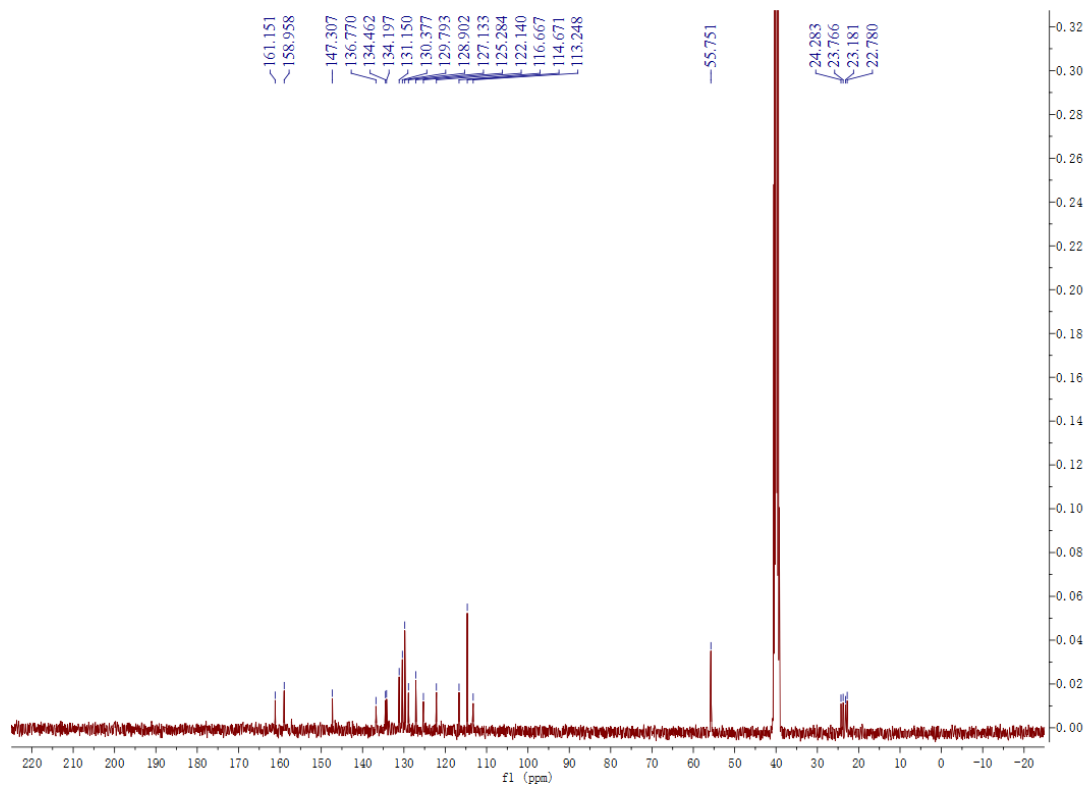
Figure S42. <sup>13</sup>C NMR of compound 7n



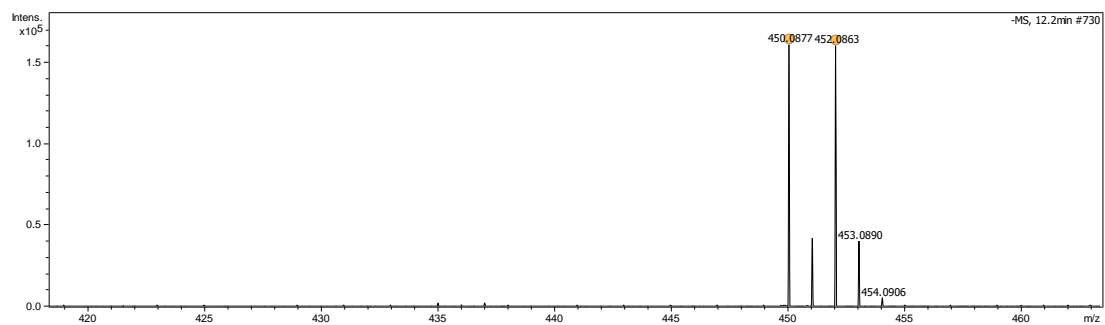
**Figure S43.** HRMS of compound **7n**



**Figure S44.** <sup>1</sup>H NMR of compound **7o**



**Figure S45.**  $^{13}\text{C}$  NMR of compound **7o**



**Figure S46.** HRMS of compound **7o**