

# Supplementary

Figure S1.  $^1\text{H-NMR}$  spectra of 7a.

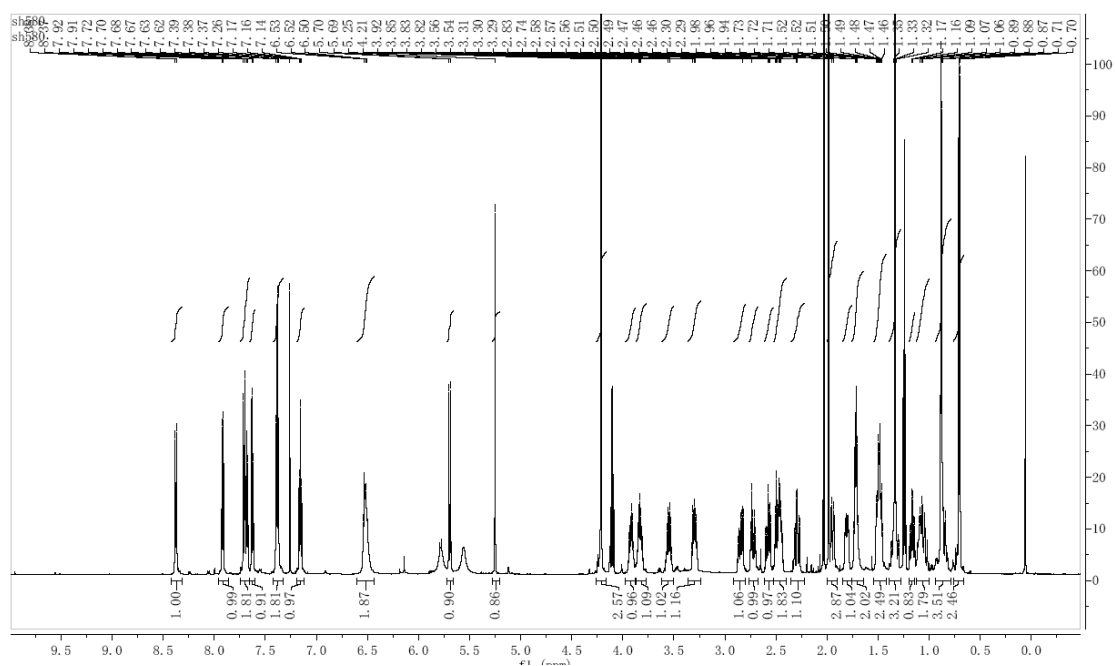


Figure S2.  $^{13}\text{C-NMR}$  spectra of 7a.

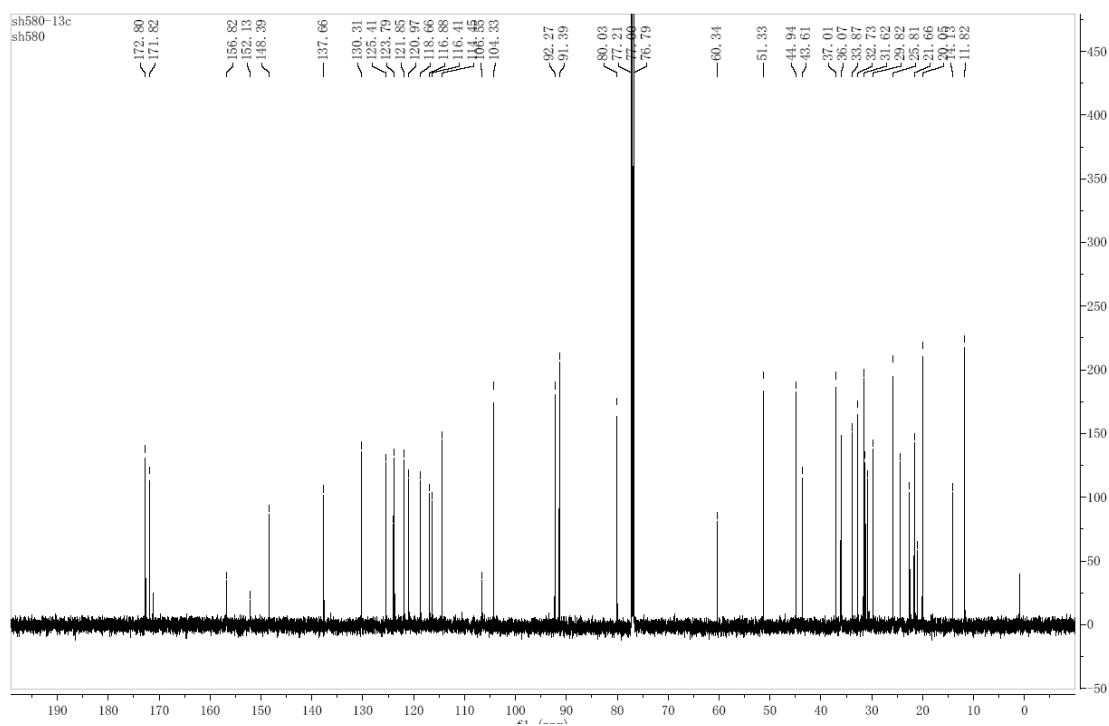


Figure S3. HRMS of 7a.

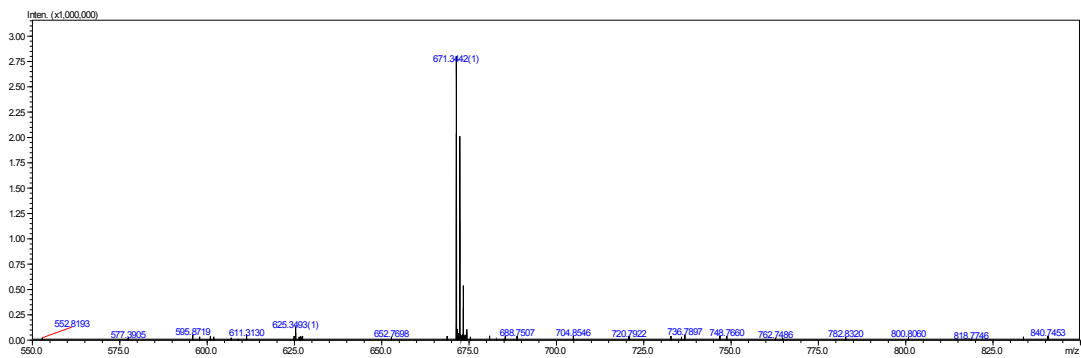
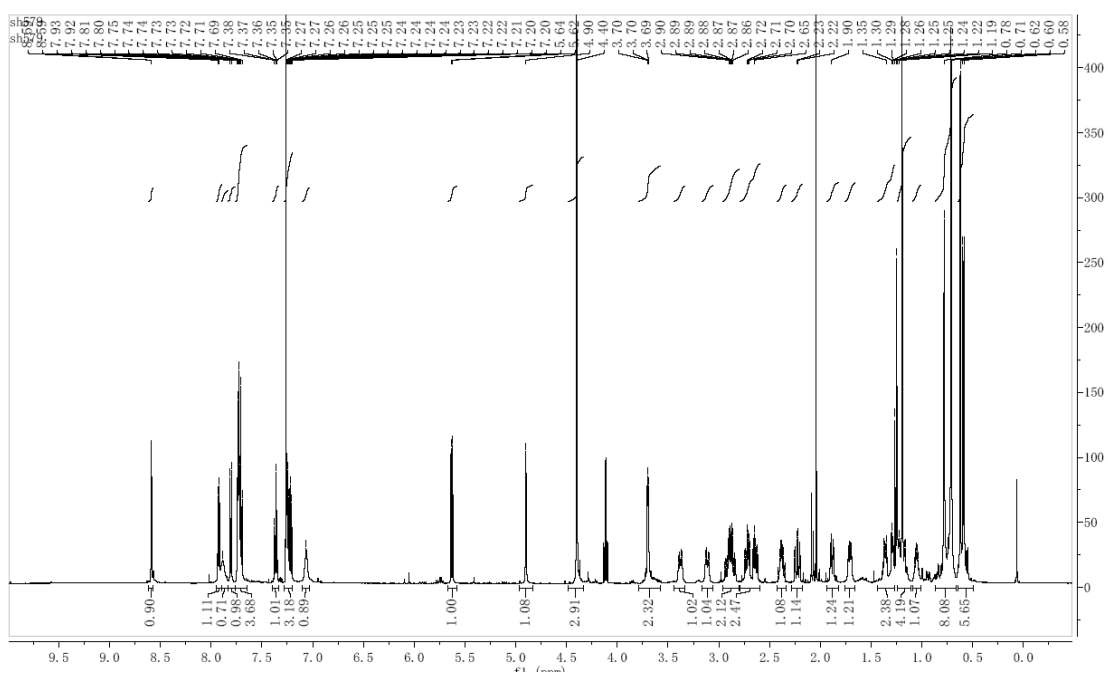
Figure S4.  $^1\text{H-NMR}$  spectra of 7b.

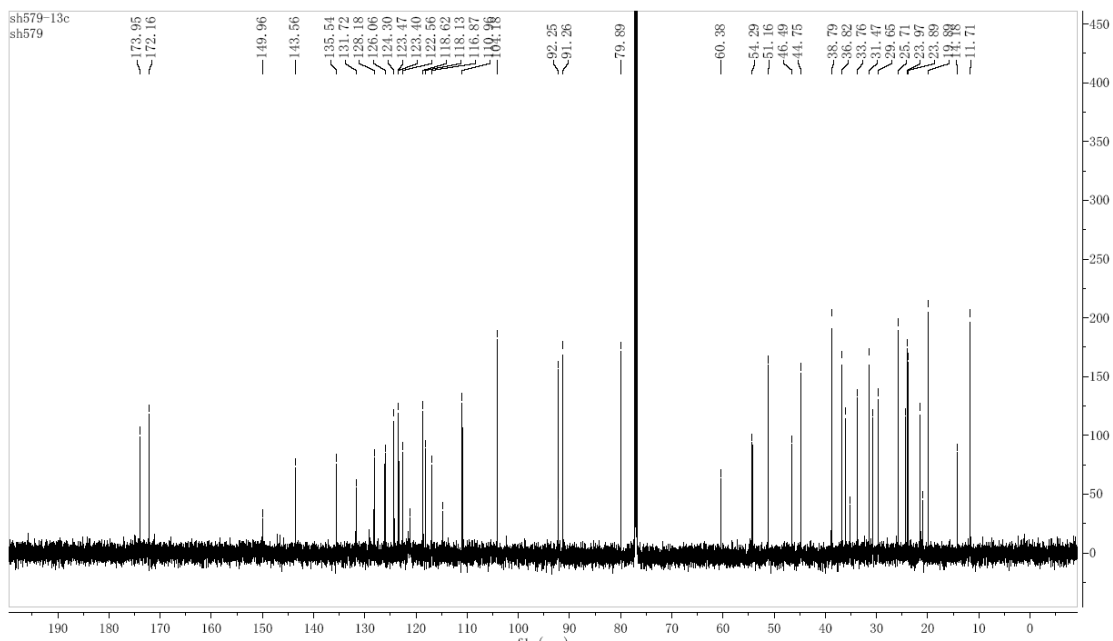
Figure S5.  $^{13}\text{C}$ -NMR spectra of 7b.

Figure S6. HRMS of 7b.

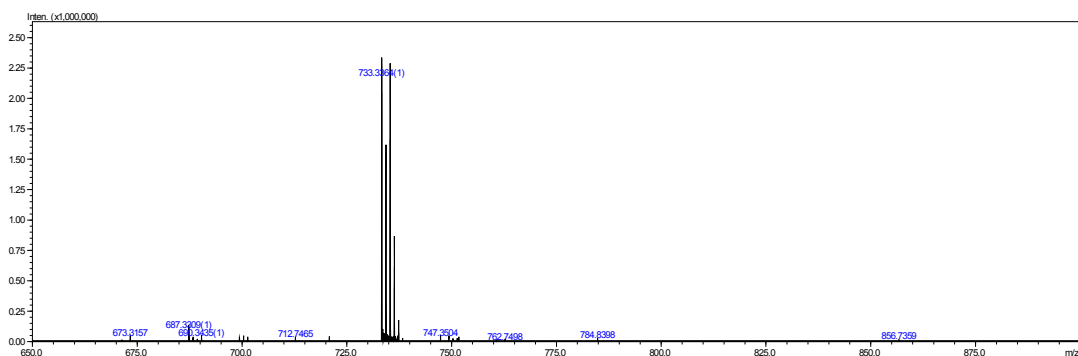
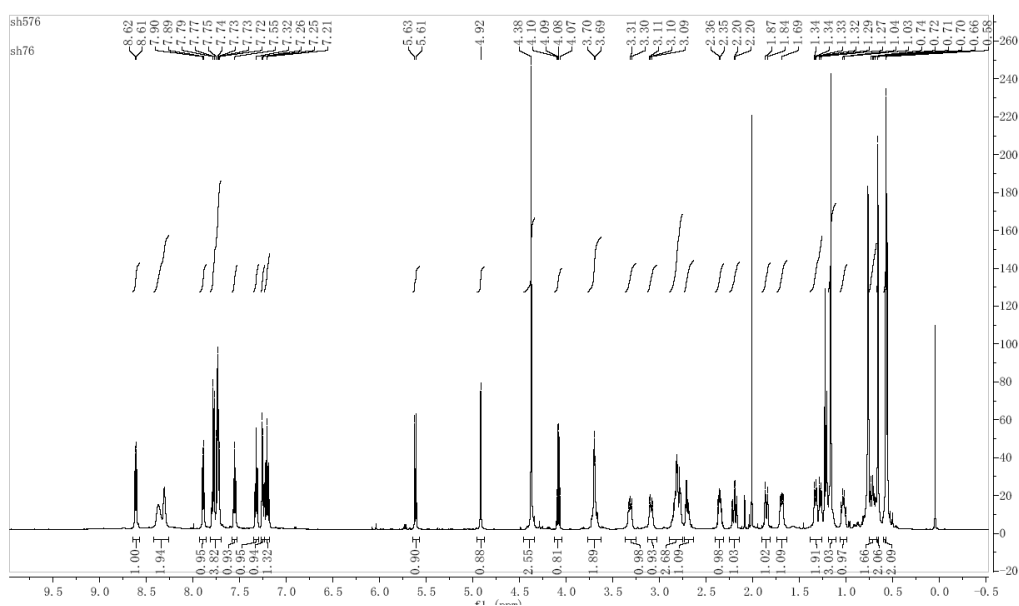
Figure S7.  $^1\text{H}$ -NMR spectra of 7c.

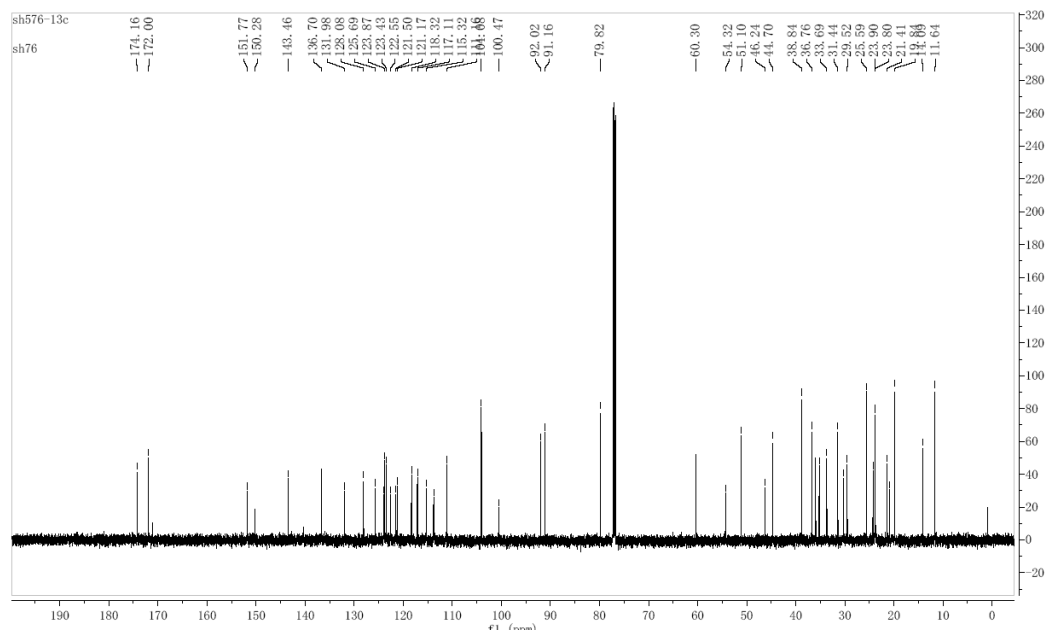
Figure S8.  $^{13}\text{C}$ -NMR spectra of 7c.

Figure S9. HRMS of 7c.

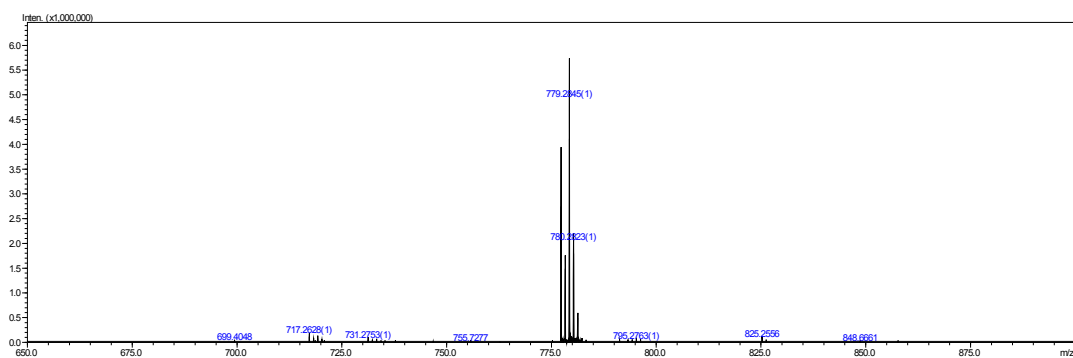
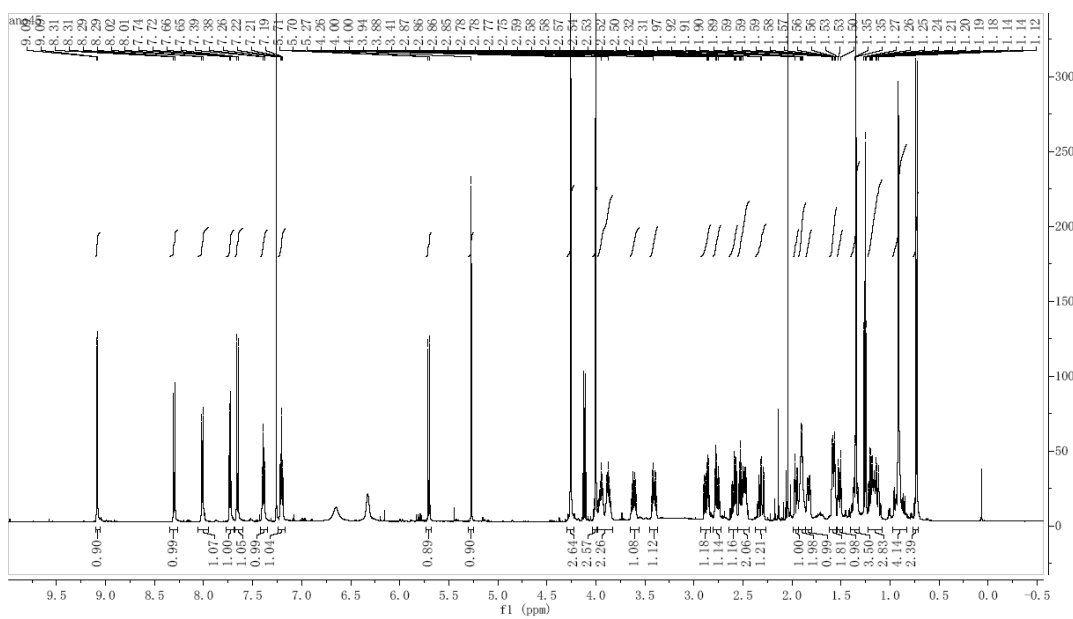
Figure S10.  $^1\text{H}$ -NMR spectra of 7d.

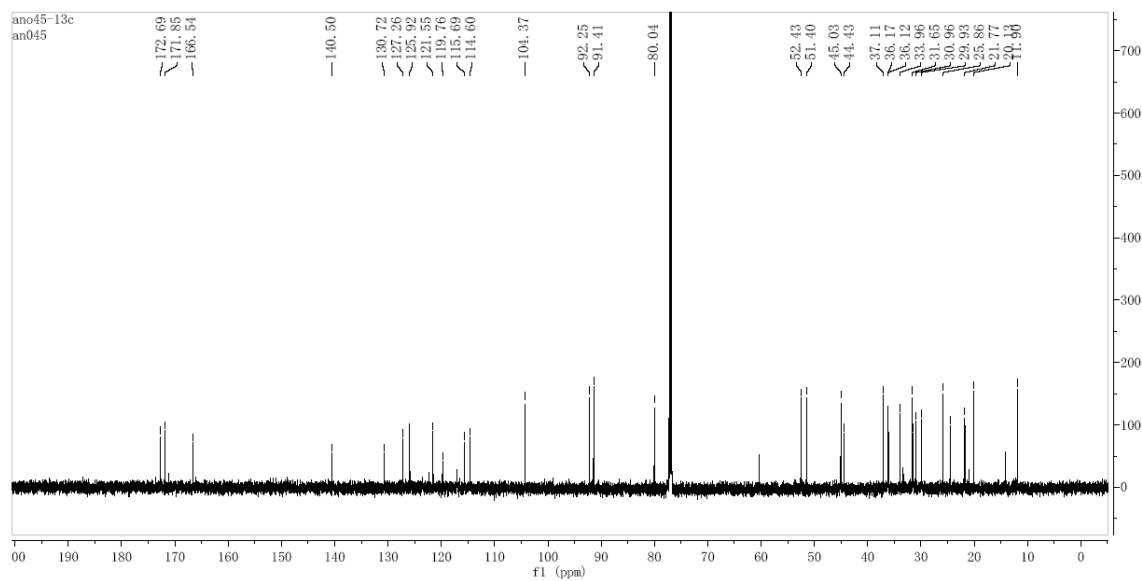
Figure S11.  $^{13}\text{C}$ -NMR spectra of 7d.

Figure S12. HRMS of 7c.

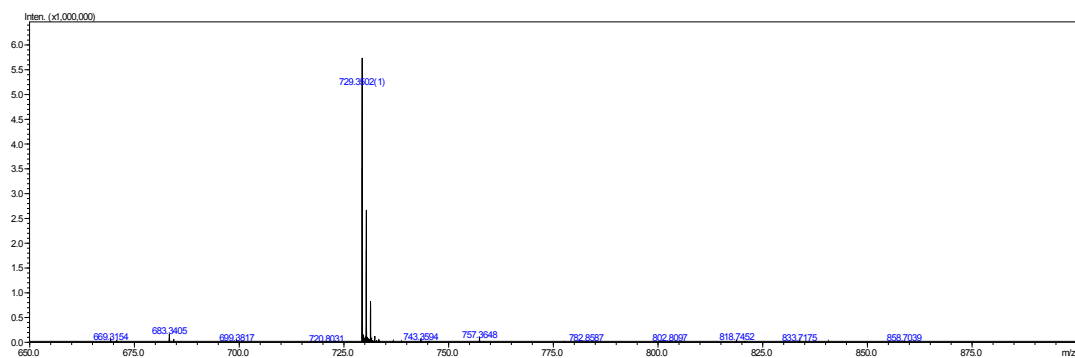
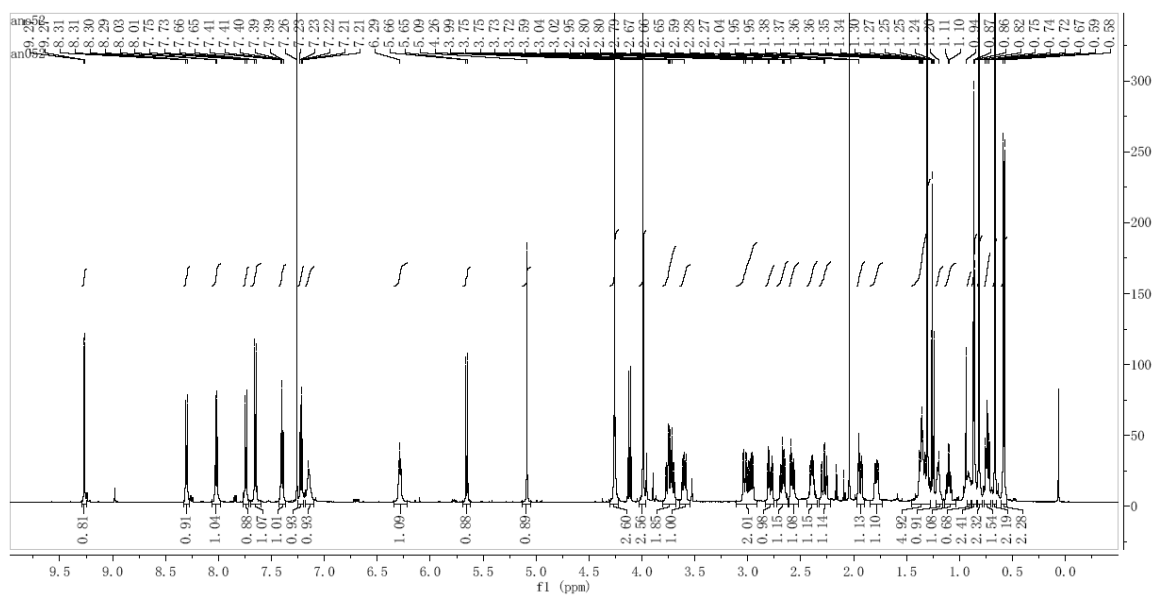
Figure S13.  $^1\text{H}$ -NMR spectra of 7e.

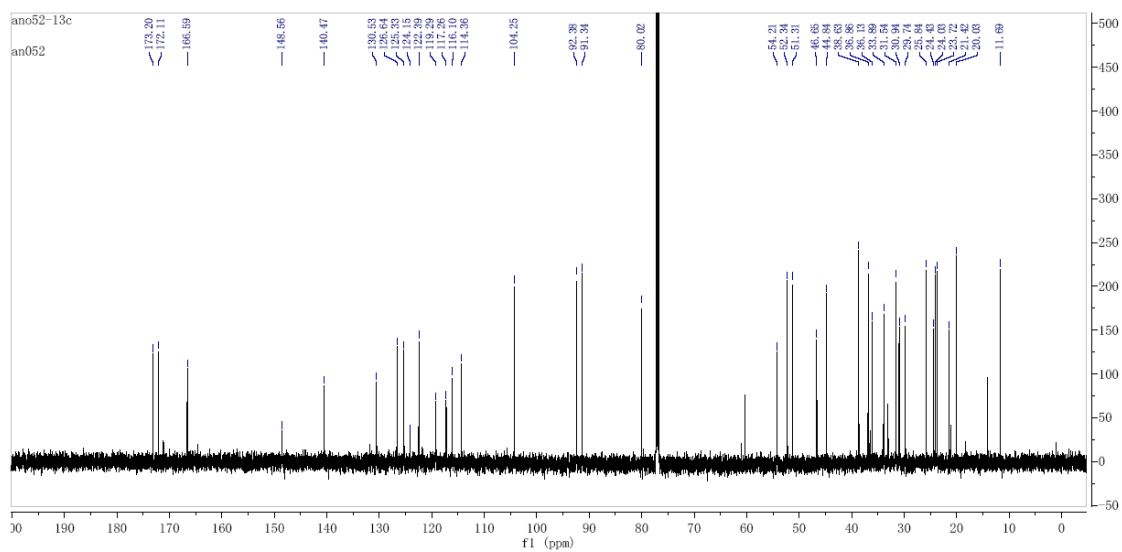
Figure S14.  $^{13}\text{C}$ -NMR spectra of 7e.

Figure S15. HRMS of 7e.

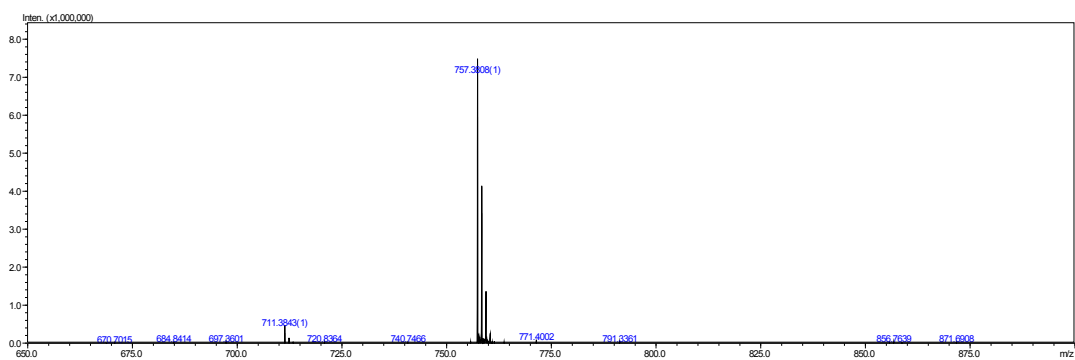
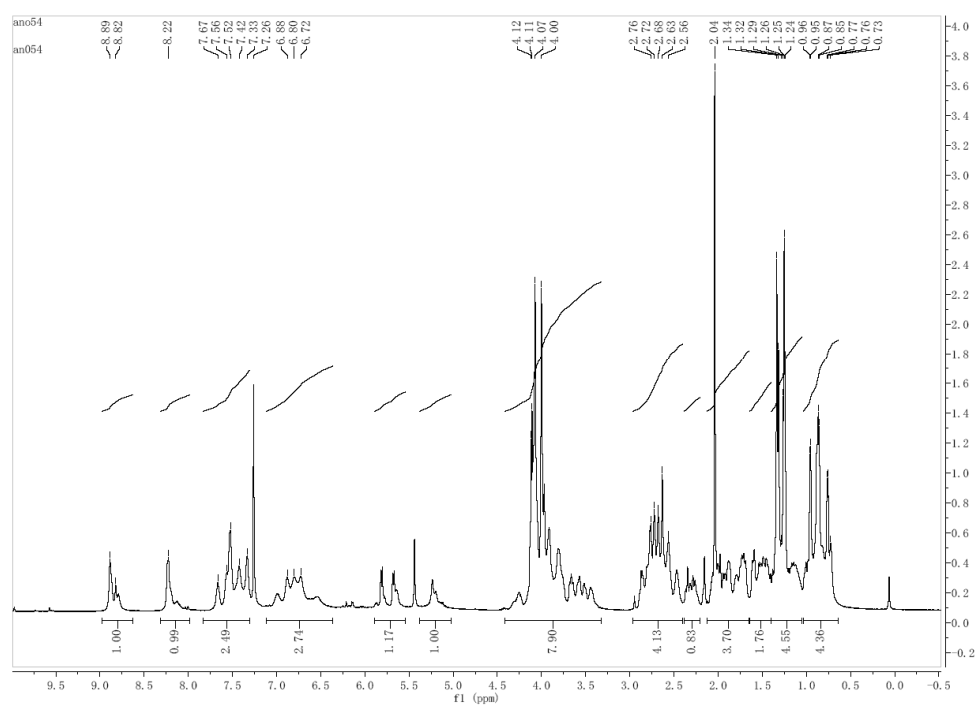
Figure S16.  $^1\text{H}$ -NMR spectra of 7f.

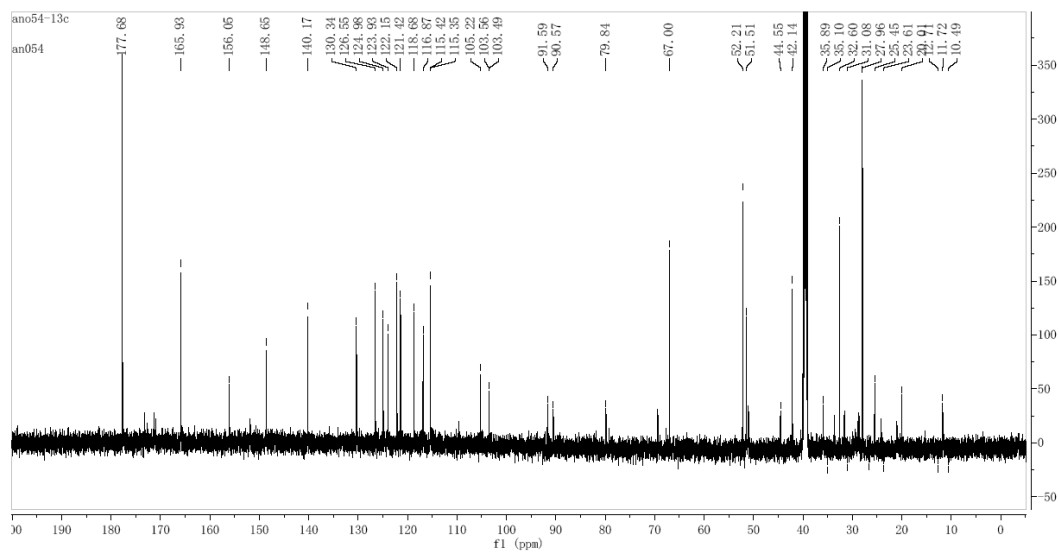
Figure S17.  $^{13}\text{C}$ -NMR spectra of 7f.

Figure S18. HRMS of 7f.

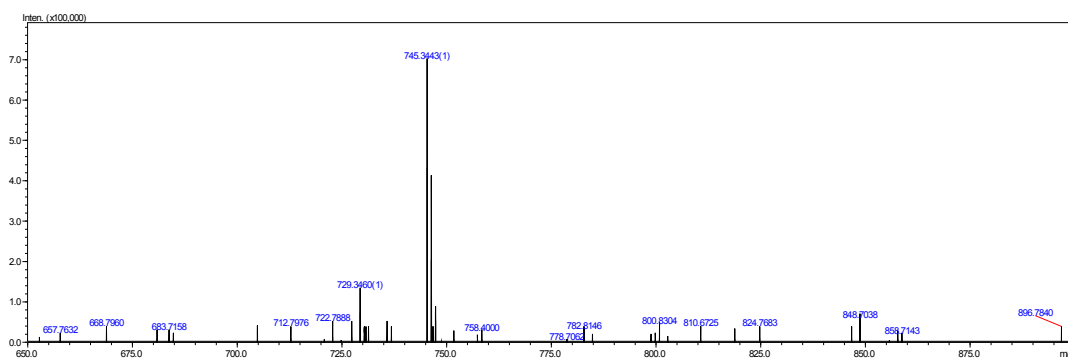
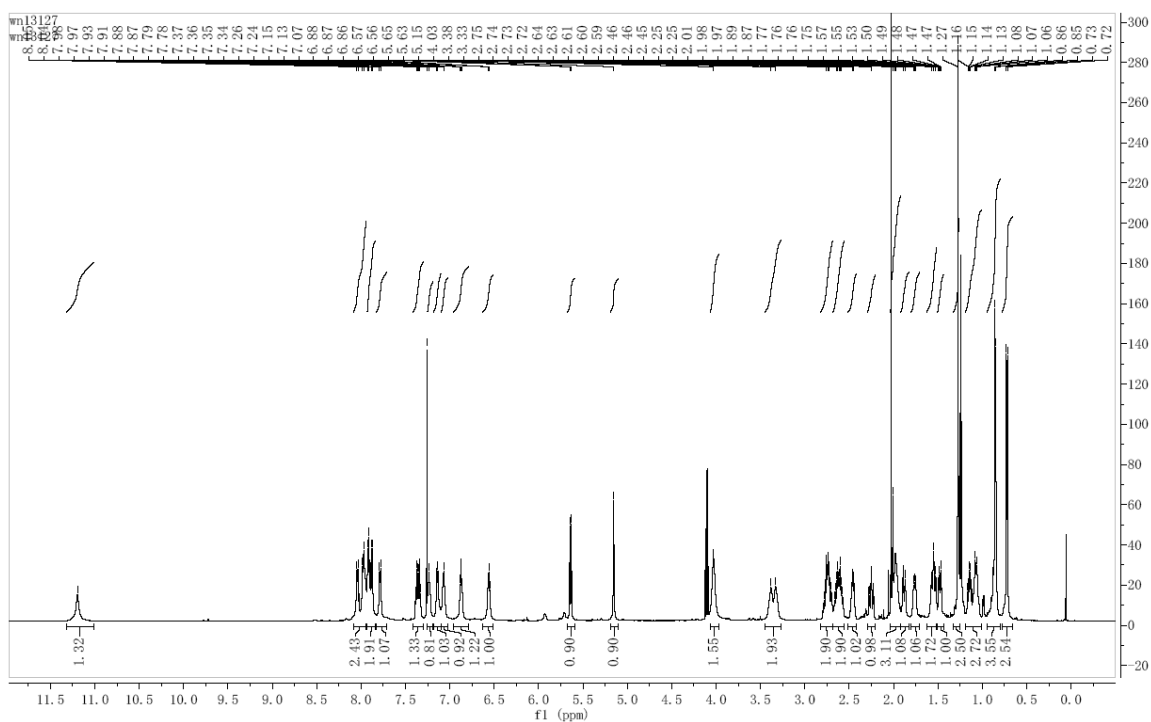
Figure S19.  $^1\text{H}$ -NMR spectra of 8.

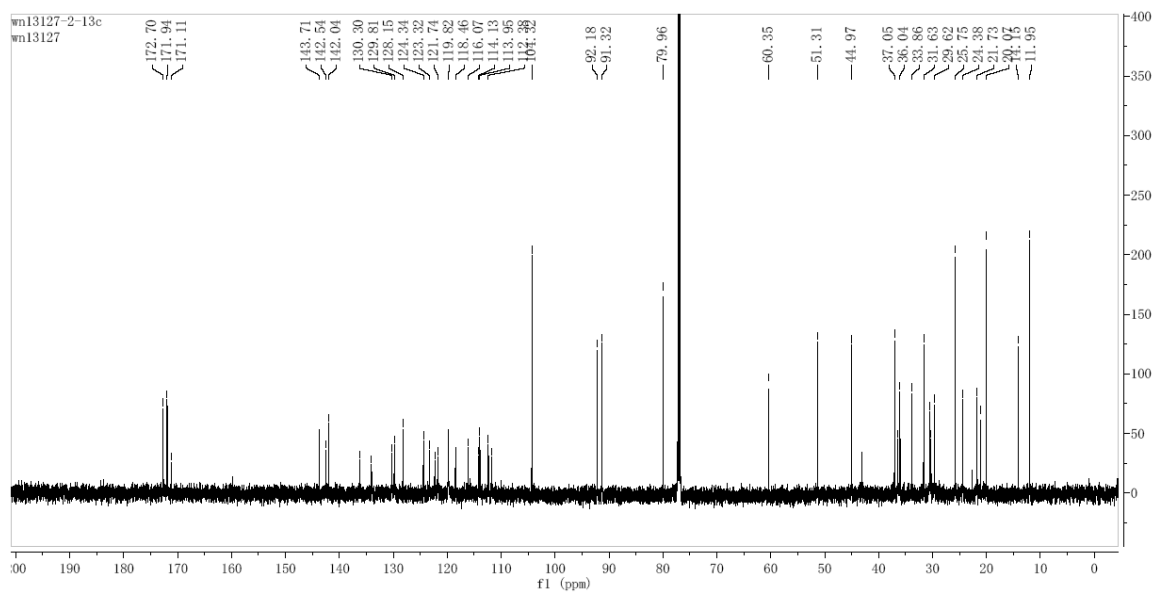
Figure S20.  $^{13}\text{C}$ -NMR spectra of 8.

Figure S21. HRMS of 8.

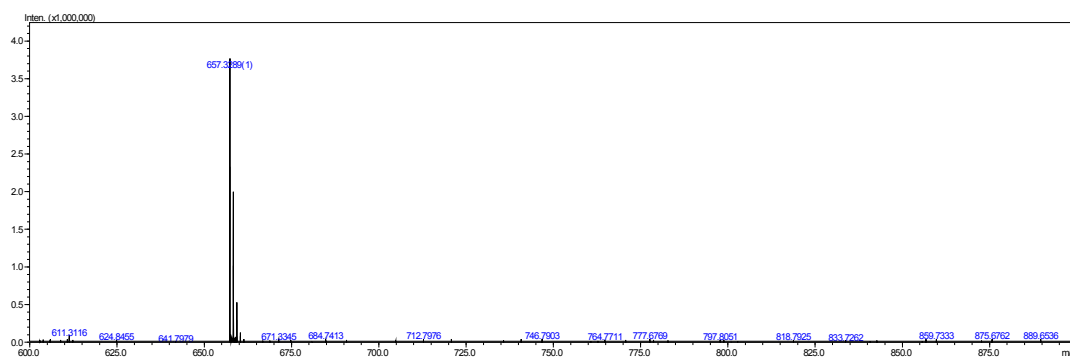
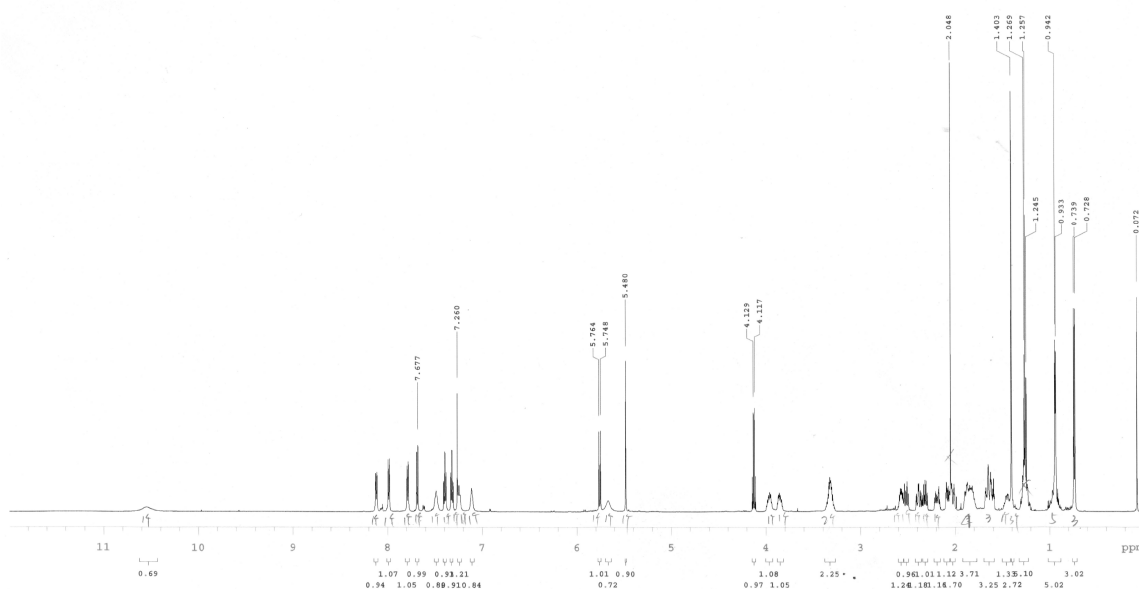
Figure S22.  $^1\text{H}$ -NMR spectra of 9.



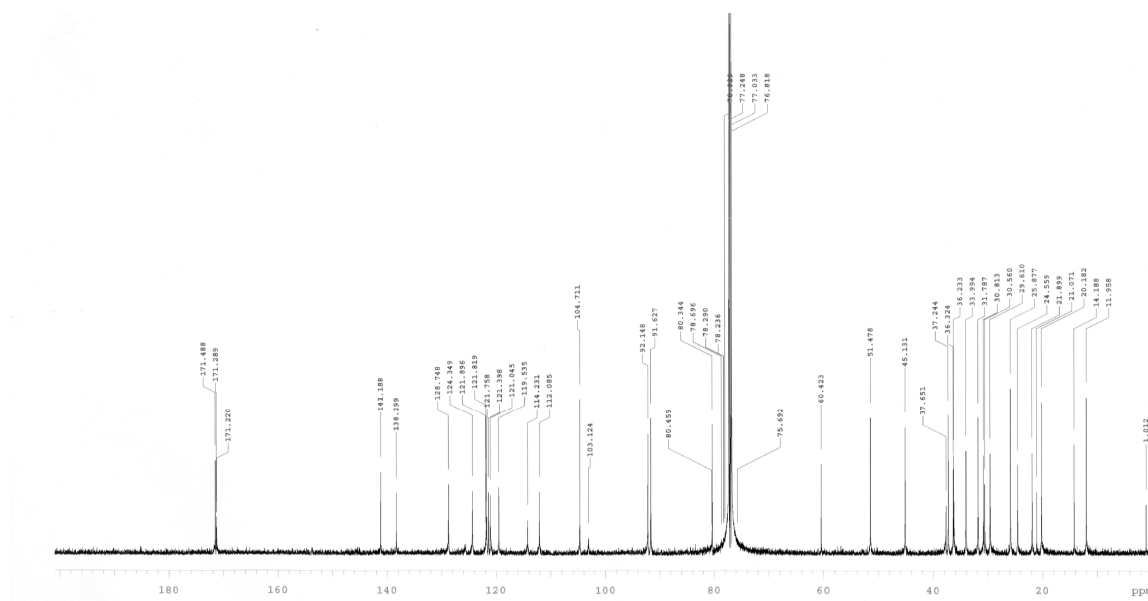
Figure S23.  $^{13}\text{C}$ -NMR spectra of 9.

Figure S24. HRMS of 9.

