

# Supporting Information

## Benzamides Substituted with Quinoline-Linked 1,2,4-Oxadiazole: Synthesis, Biological Activity and Toxicity to Zebrafish Embryo

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and Cheng-Xia Tan \*

1.  $^1\text{H}$  NMR spectra of **13a~13q**.....S1-S17
2.  $^{13}\text{C}$  NMR spectra of **13a~13q**.....S18-S34
3. ESI-HRMS spectra of **13a~13q**.....S35-S51

# 1. $^1\text{H}$ NMR spectra of 13a~13q

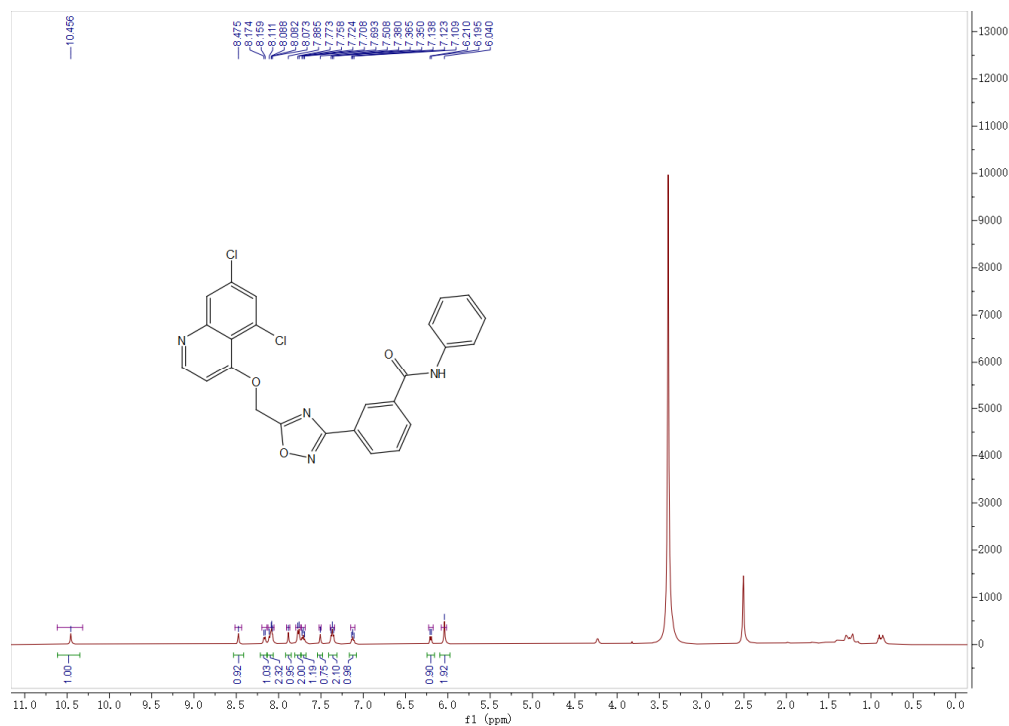


Figure S1.  $^1\text{H}$  NMR spectra of 13a.

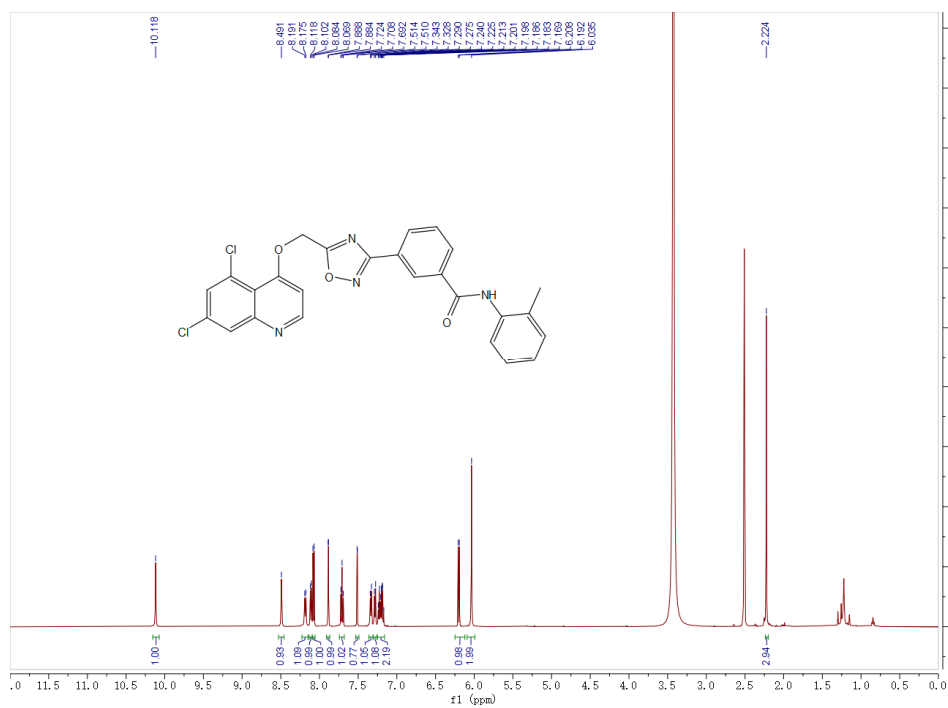


Figure S2.  $^1\text{H}$  NMR spectra of 13b.

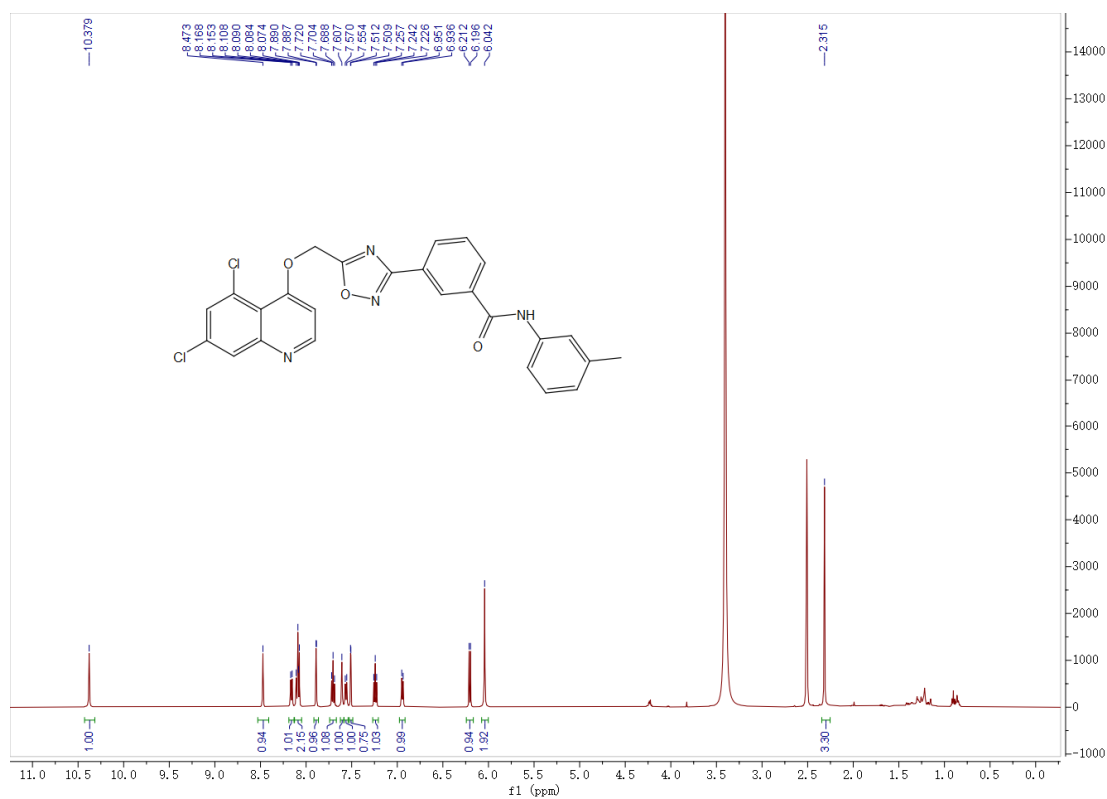


Figure S3. <sup>1</sup>H NMR spectra of 13c.

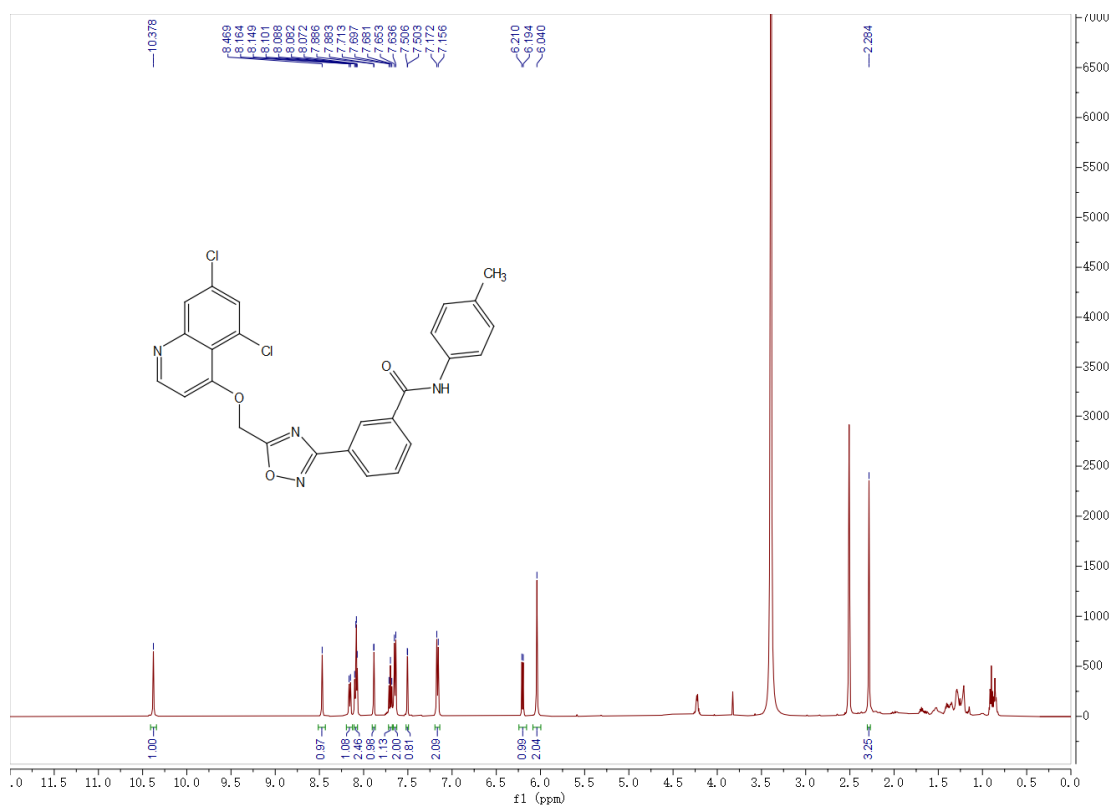


Figure S4. <sup>1</sup>H NMR spectra of 13d.

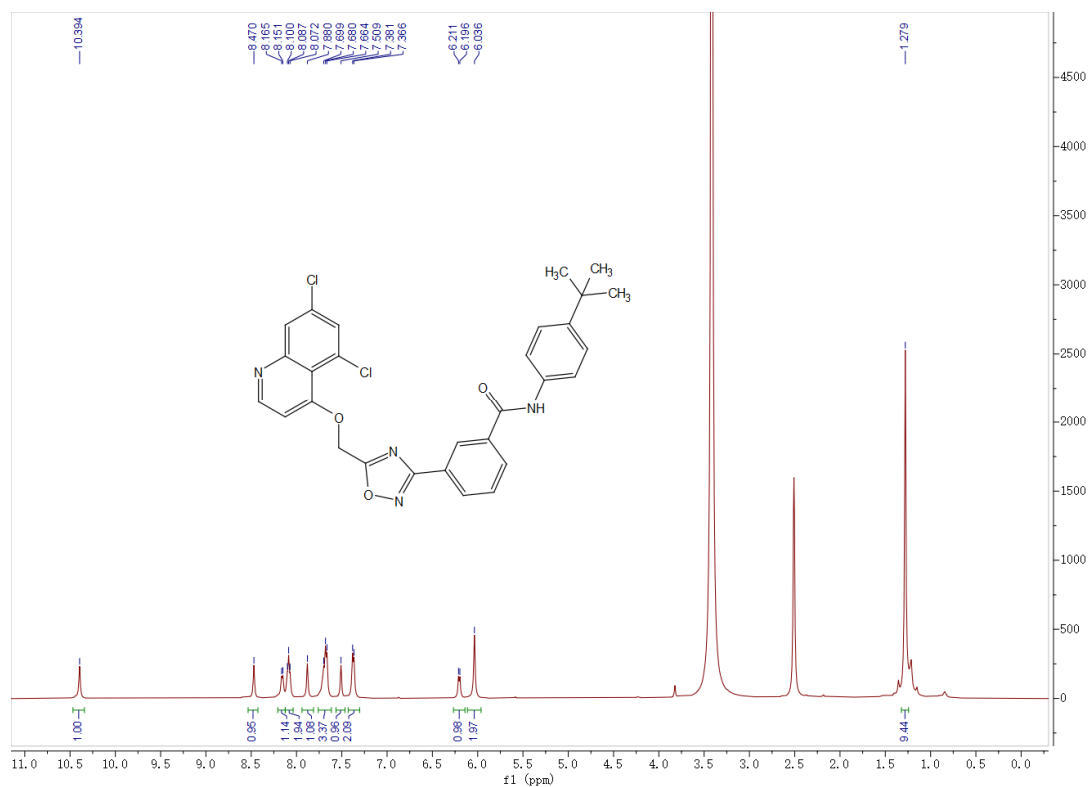


Figure S5. <sup>1</sup>H NMR spectra of 13e.

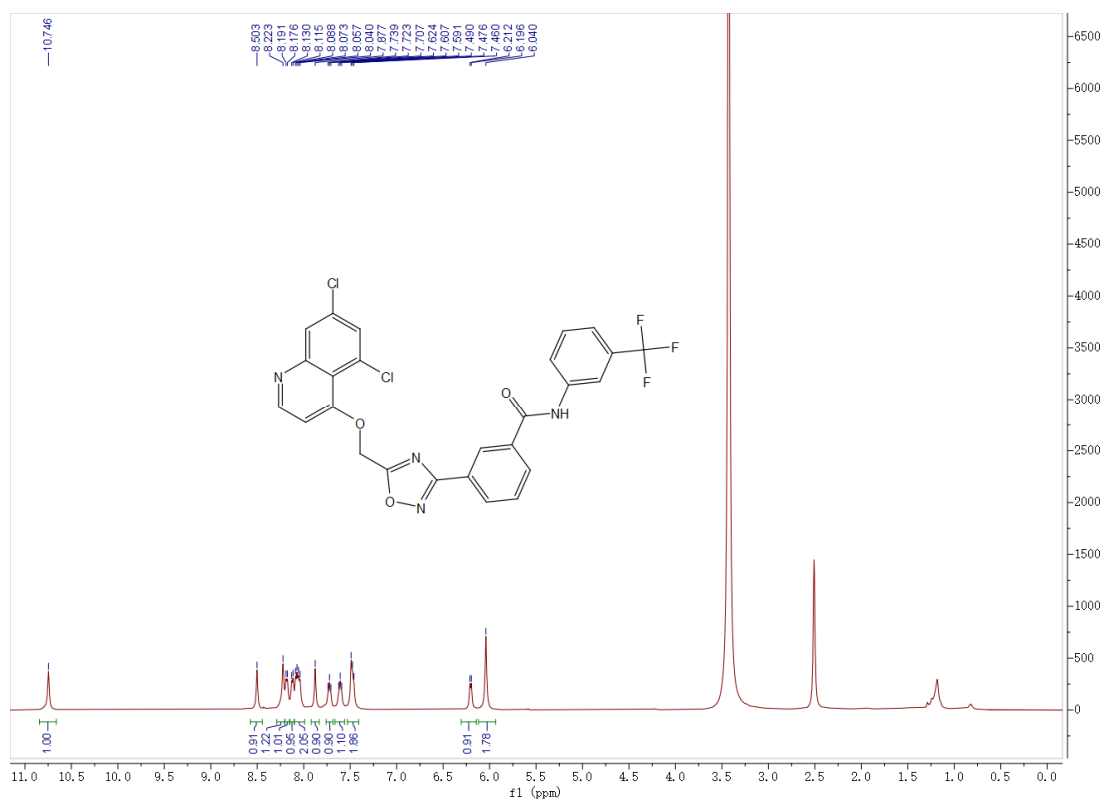


Figure S6. <sup>1</sup>H NMR spectra of 13f.

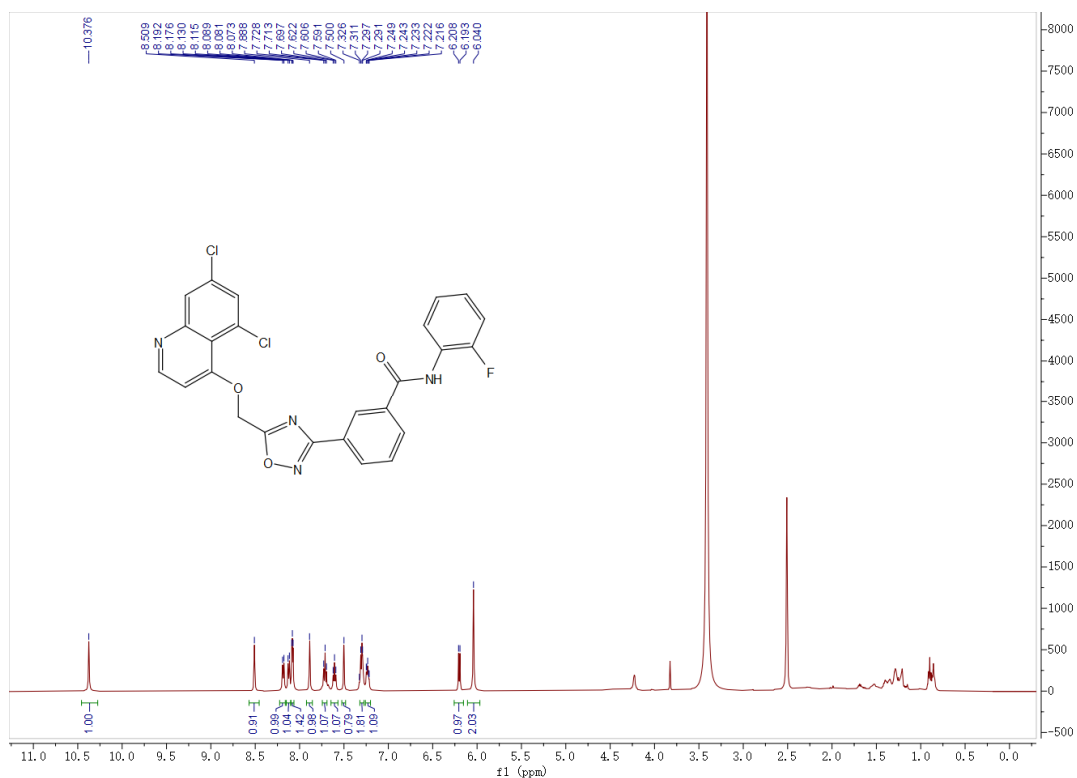


Figure S7. <sup>1</sup>H NMR spectra of 13g.

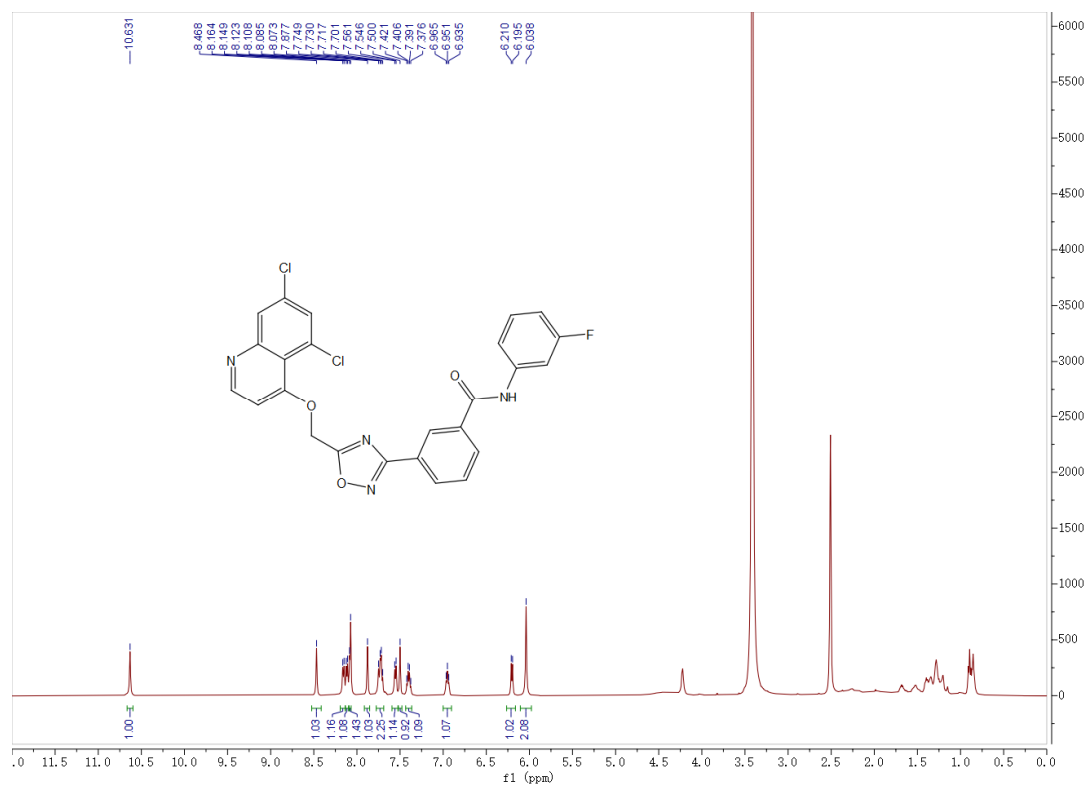


Figure S8. <sup>1</sup>H NMR spectra of 13h.

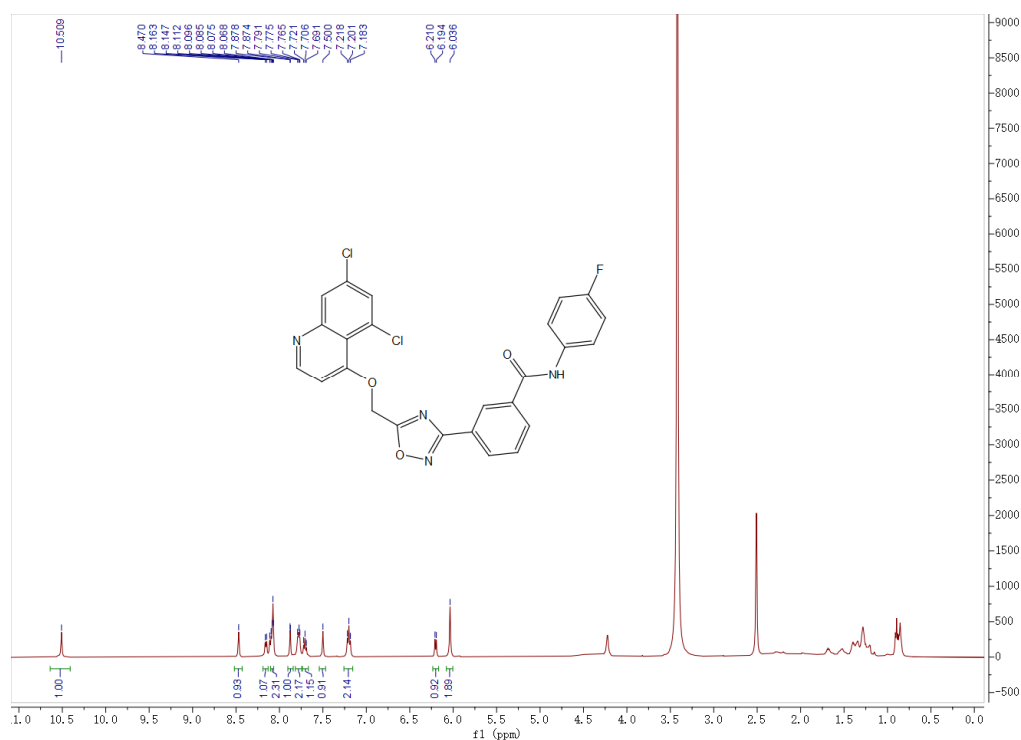


Figure S9. <sup>1</sup>H NMR spectra of 13i.

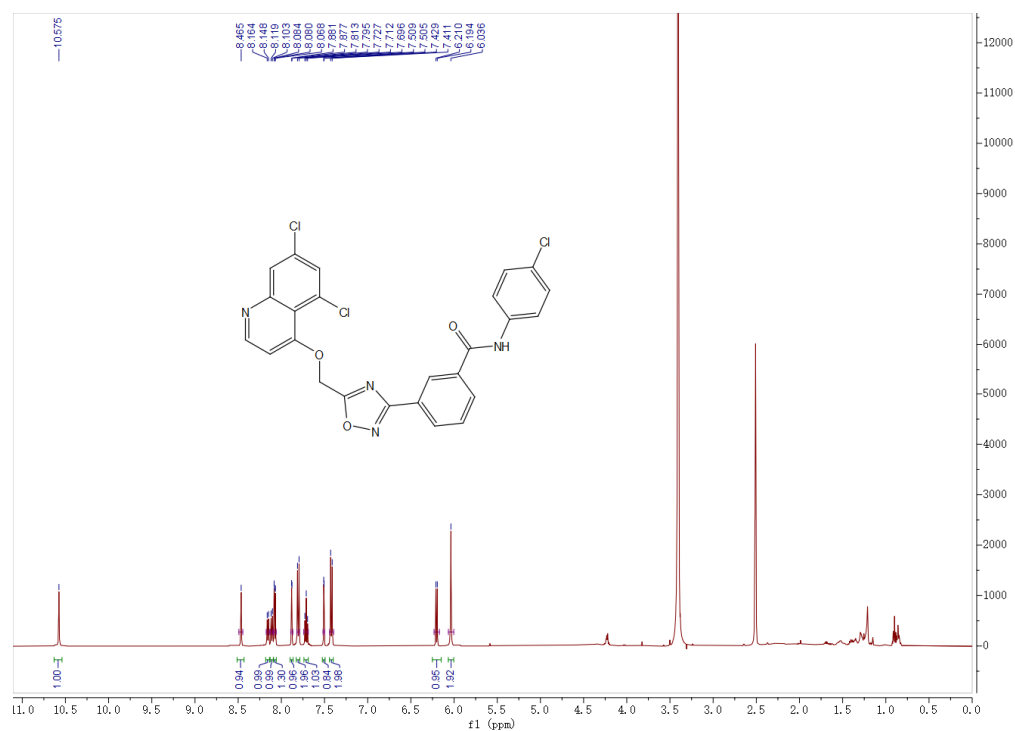
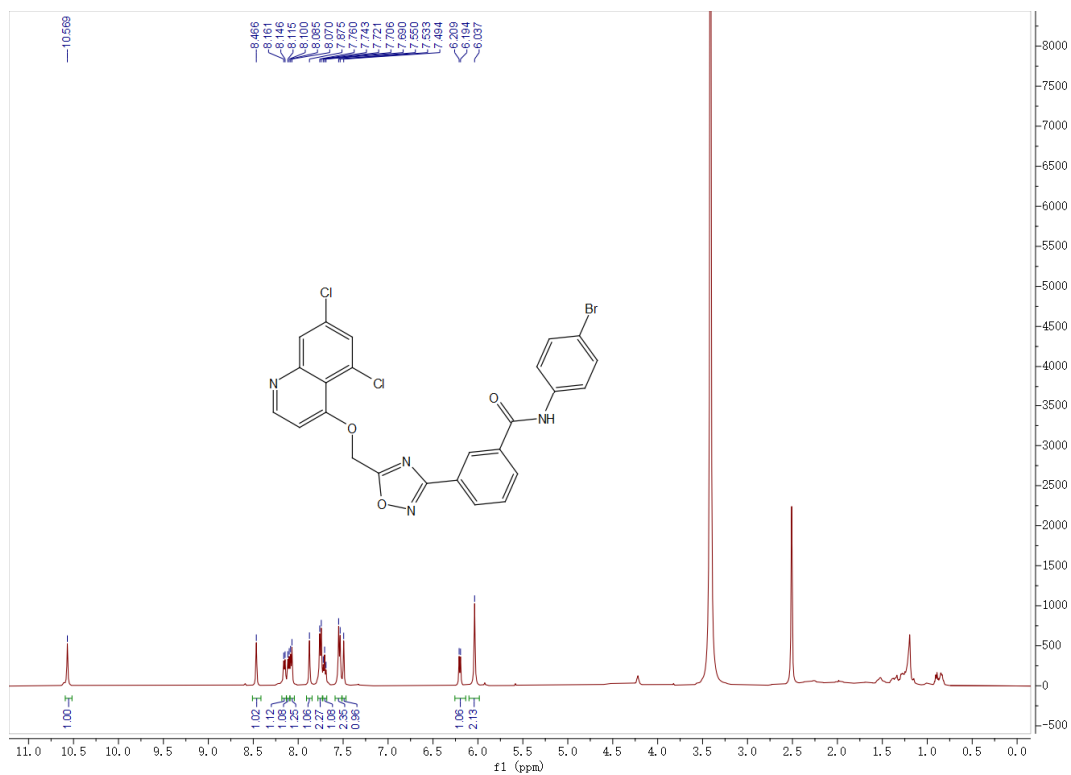
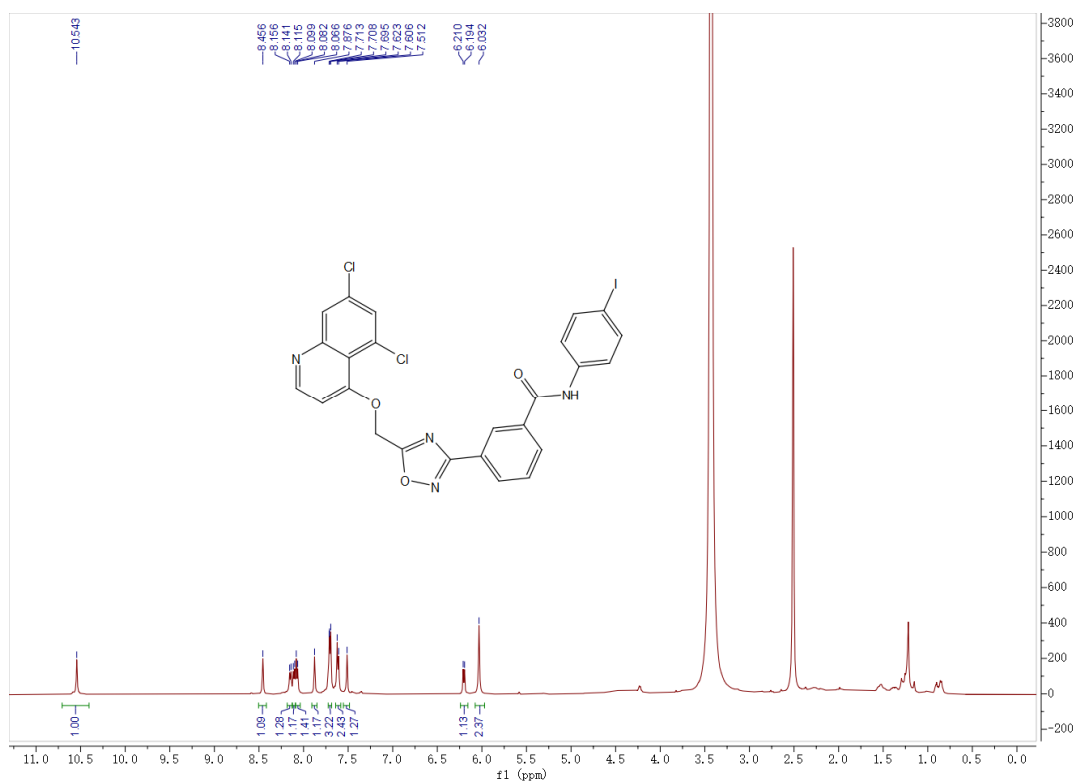


Figure S10. <sup>1</sup>H NMR spectra of 13j.



**Figure S11.** <sup>1</sup>H NMR spectra of 13k.



**Figure S12.** <sup>1</sup>H NMR spectra of 13l.

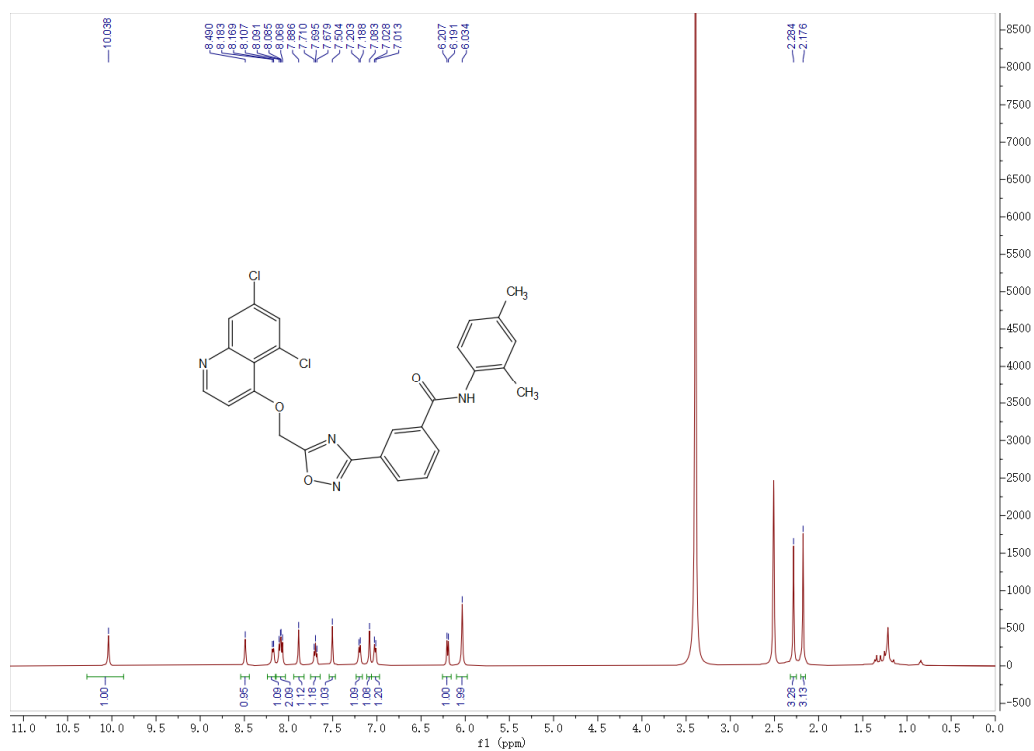


Figure S13. <sup>1</sup>H NMR spectra of 13m.

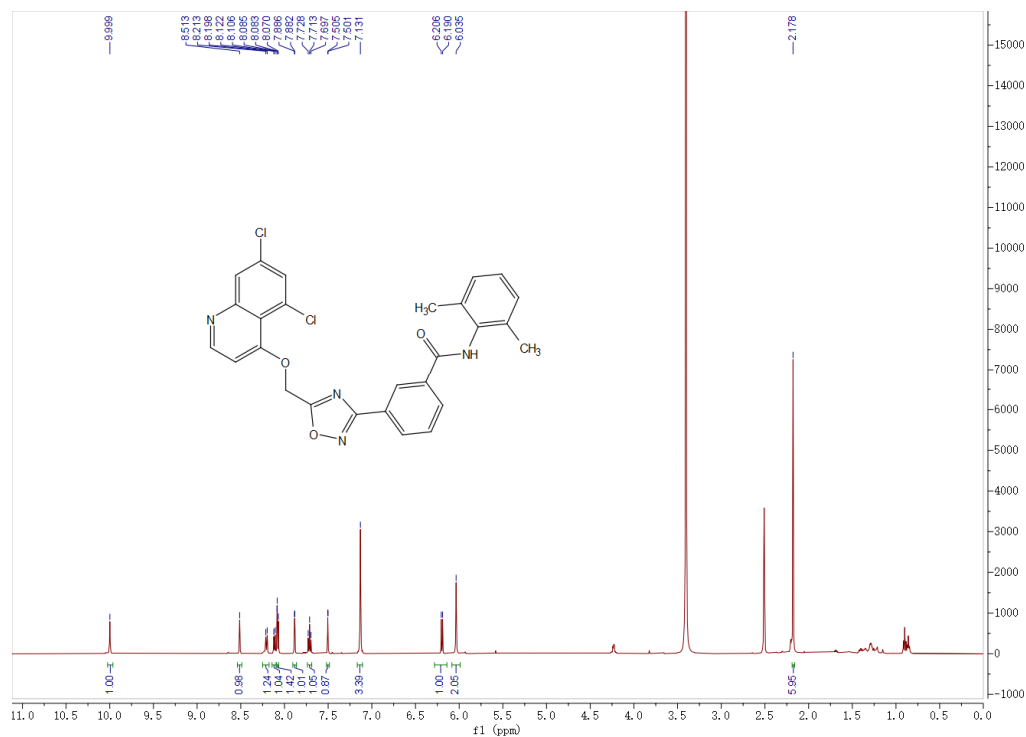
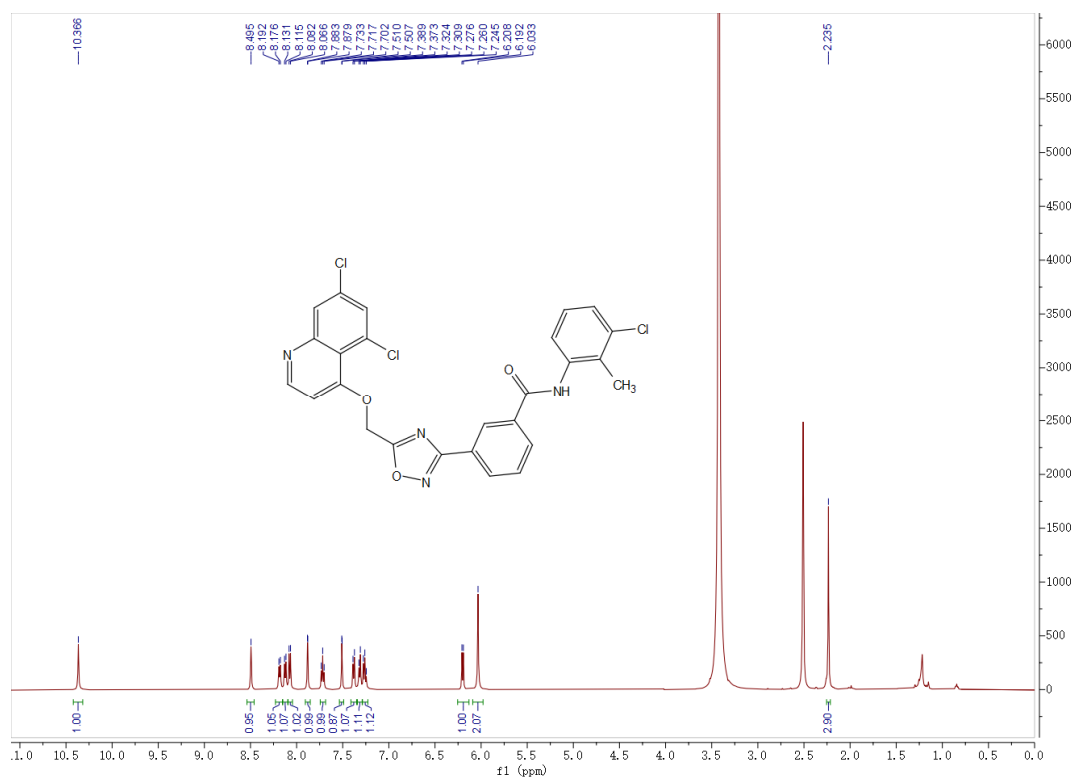
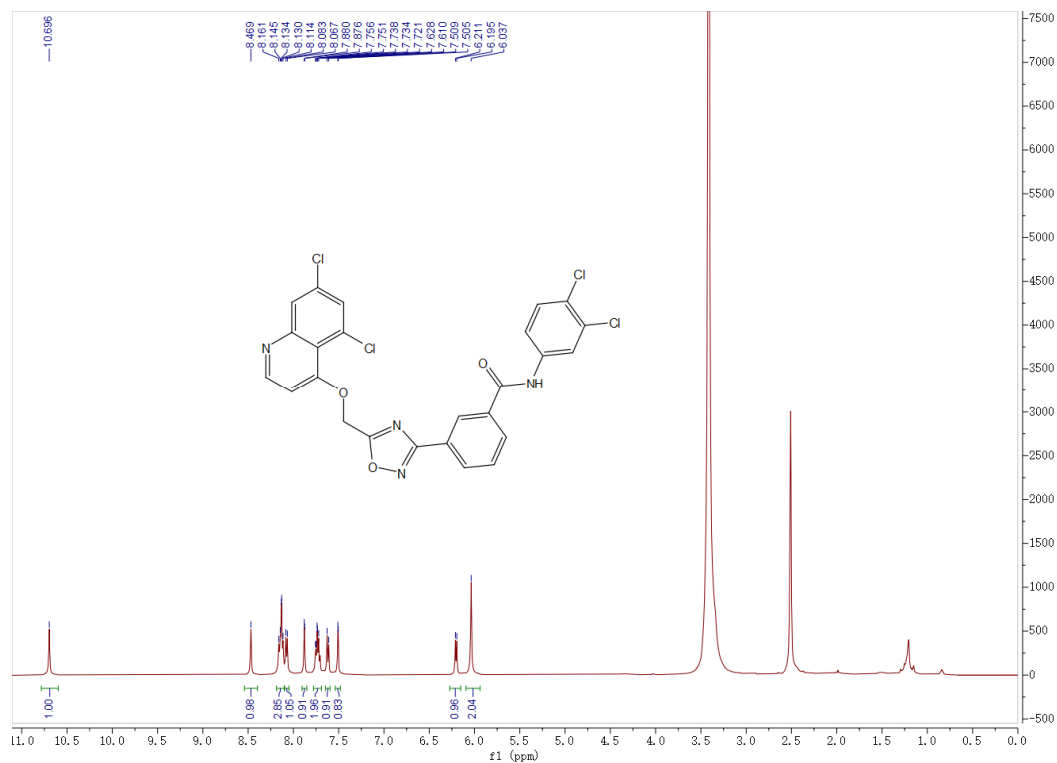


Figure S14. <sup>1</sup>H NMR spectra of 13n.





**Figure S15.** <sup>1</sup>H NMR spectra of **13o**.



**Figure S16.** <sup>1</sup>H NMR spectra of **13p**.

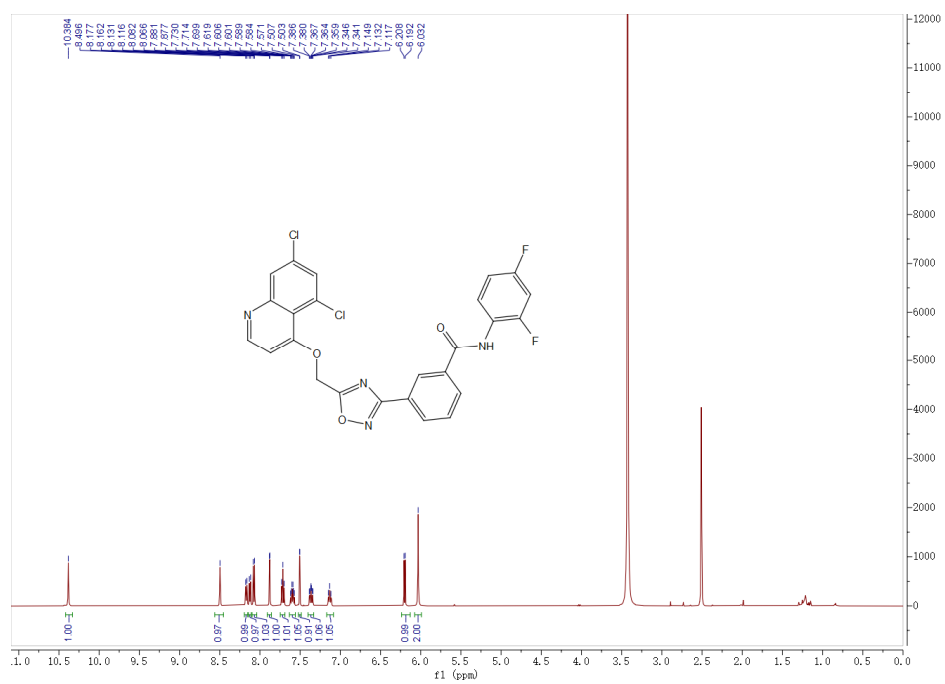


Figure S17. <sup>1</sup>H NMR spectra of 13q.

## 2. $^{13}\text{C}$ NMR spectra of 13a~13q

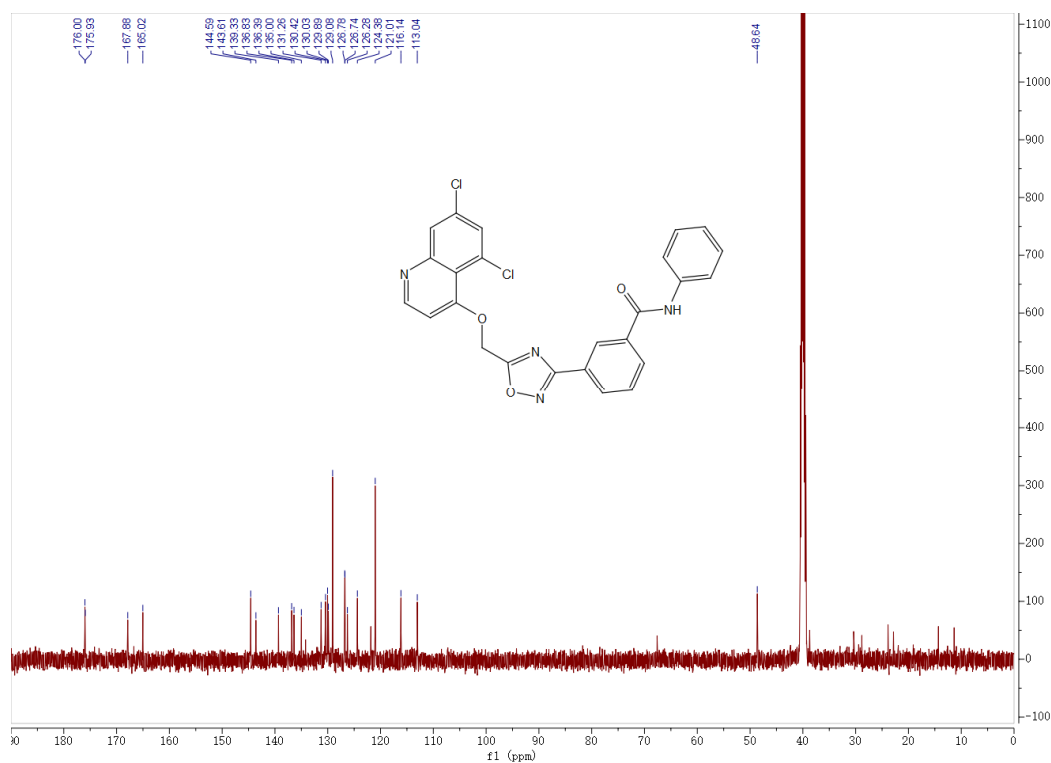


Figure S18.  $^{13}\text{C}$  NMR spectra of 13a.

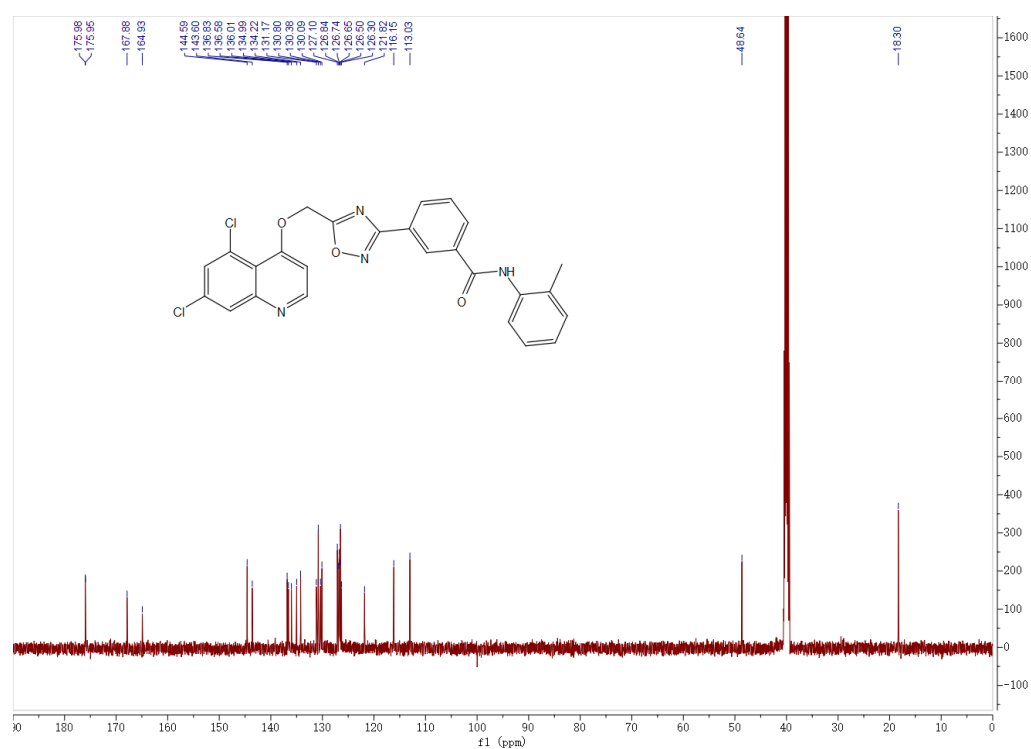
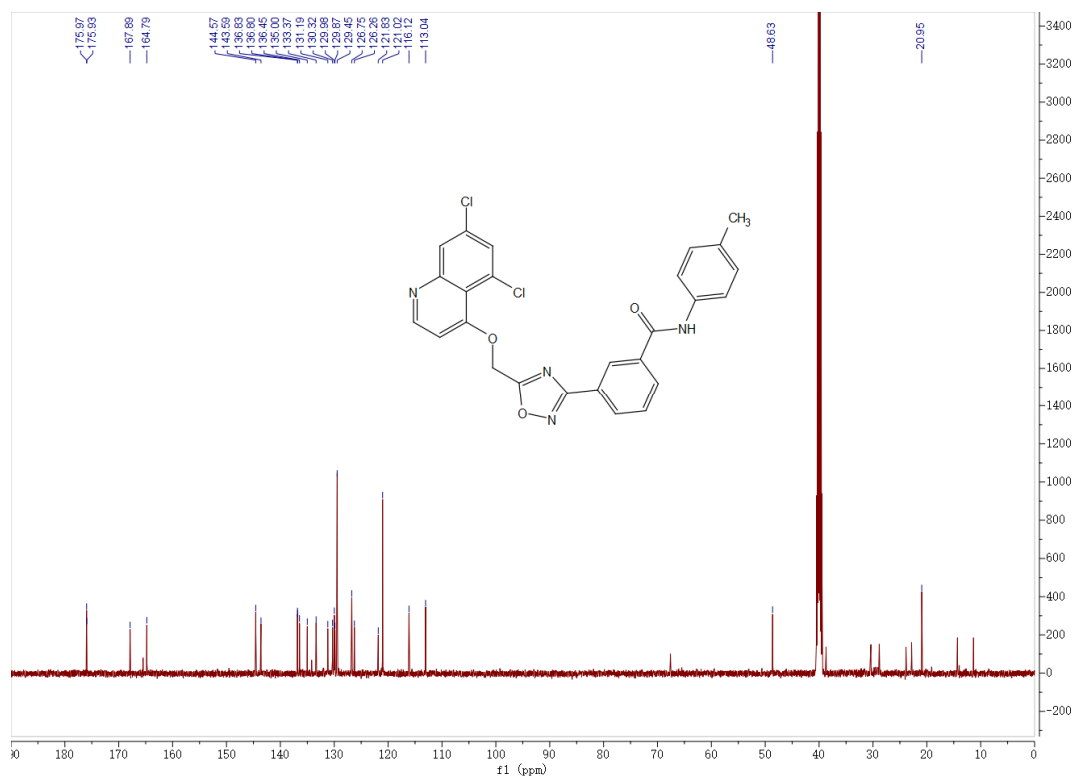
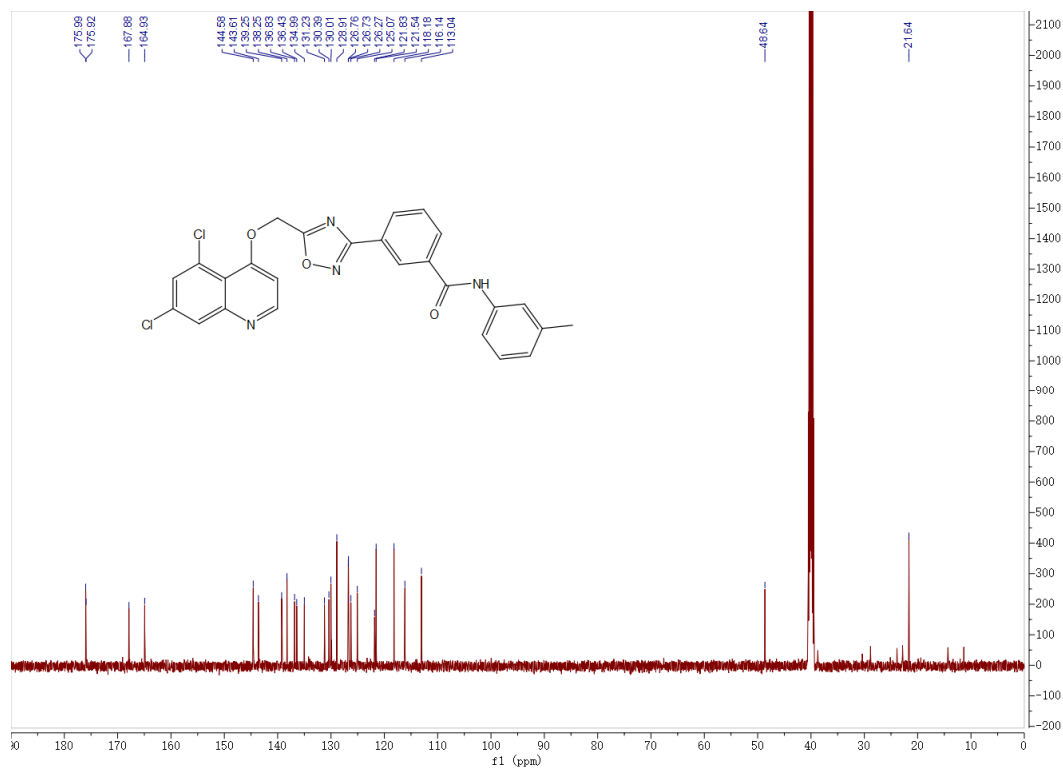
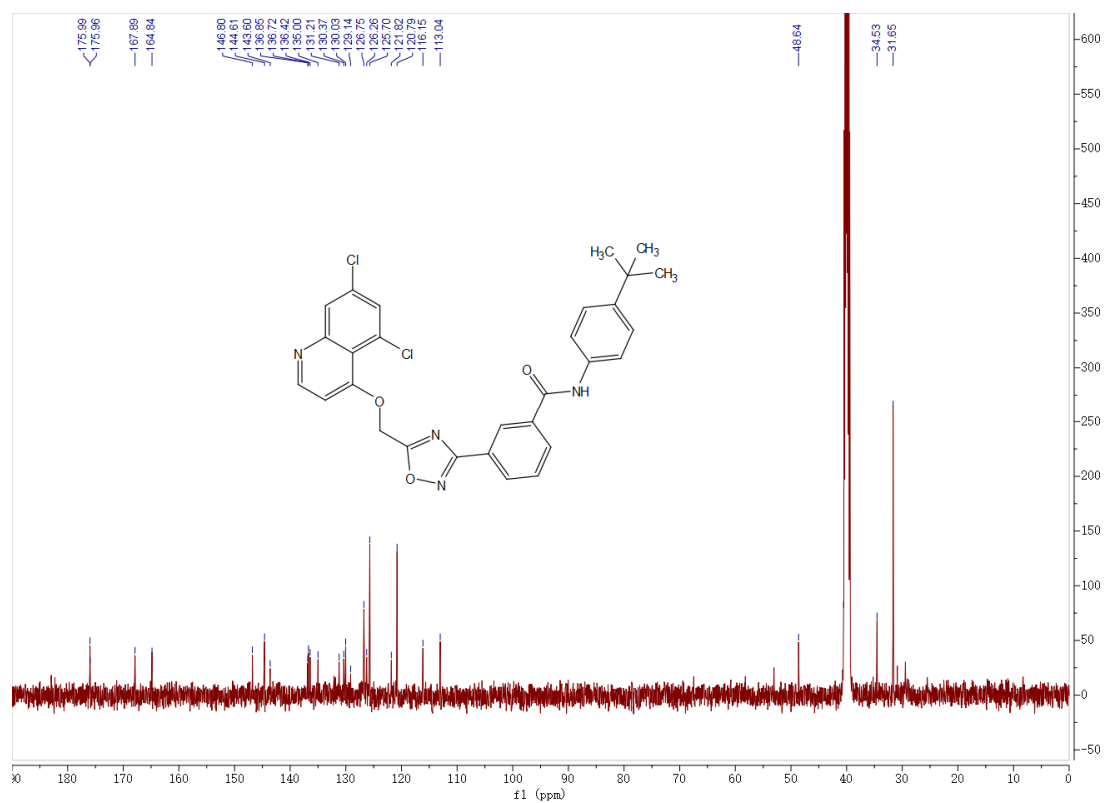
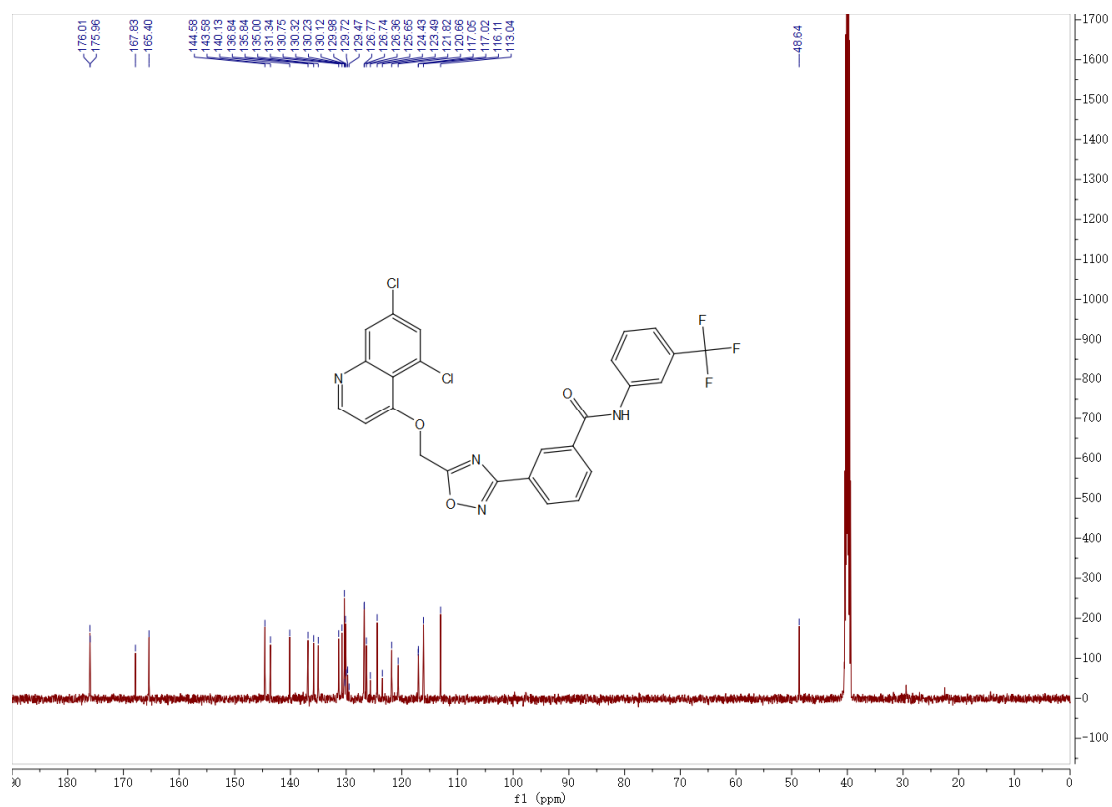


Figure S19.  $^{13}\text{C}$  NMR spectra of 13b.





**Figure S22.**  $^{13}\text{C}$  NMR spectra of **13e**.



**Figure S23.**  $^{13}\text{C}$  NMR spectra of **13f**.

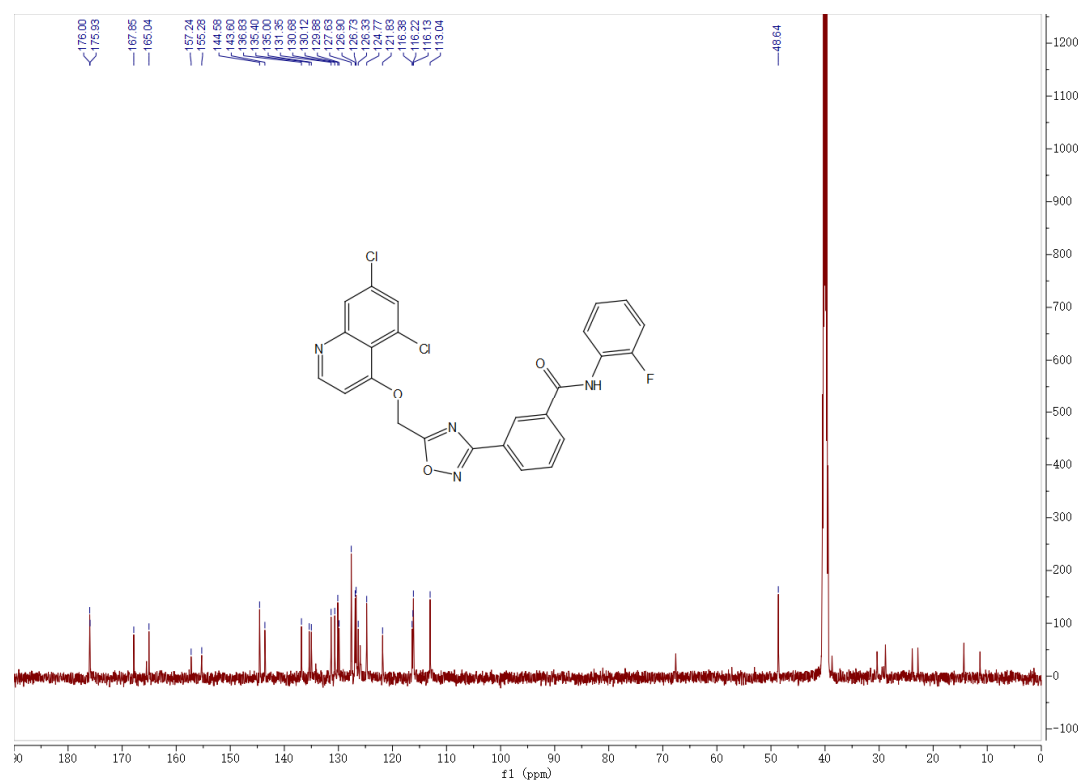


Figure S24. <sup>13</sup>C NMR spectra of 13g.

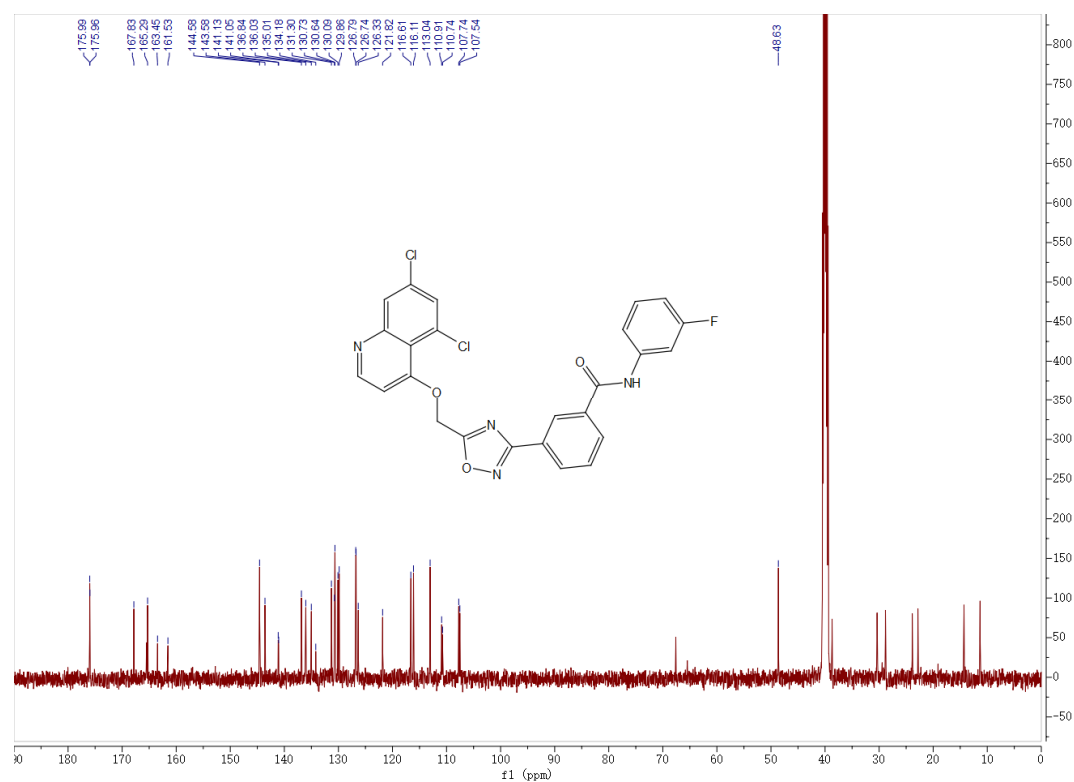


Figure S25. <sup>13</sup>C NMR spectra of 13h.

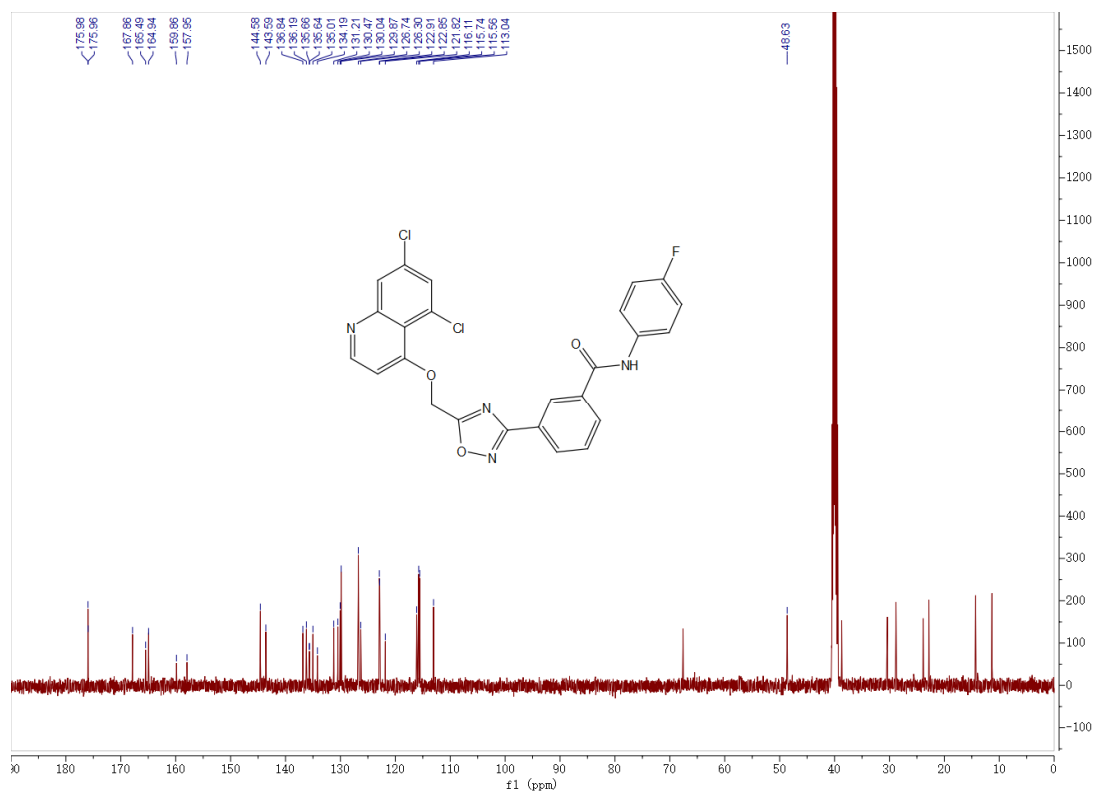


Figure S26.  $^{13}\text{C}$  NMR spectra of 13i.

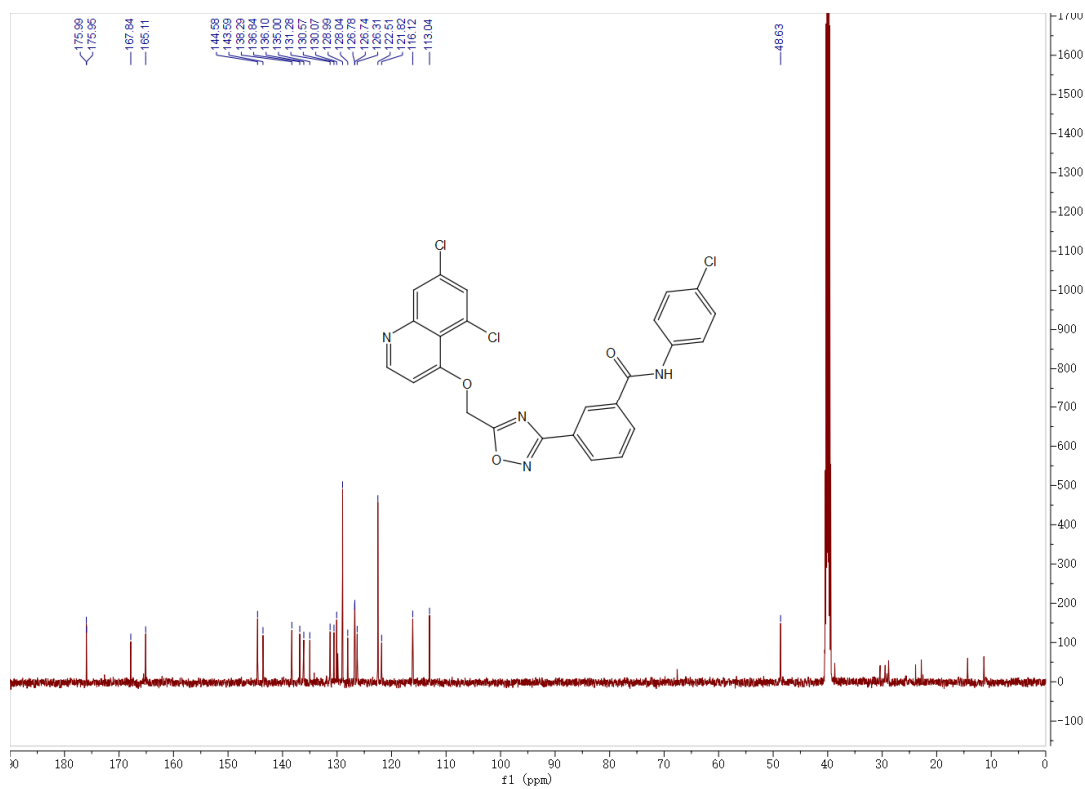


Figure S27.  $^{13}\text{C}$  NMR spectra of 13j.

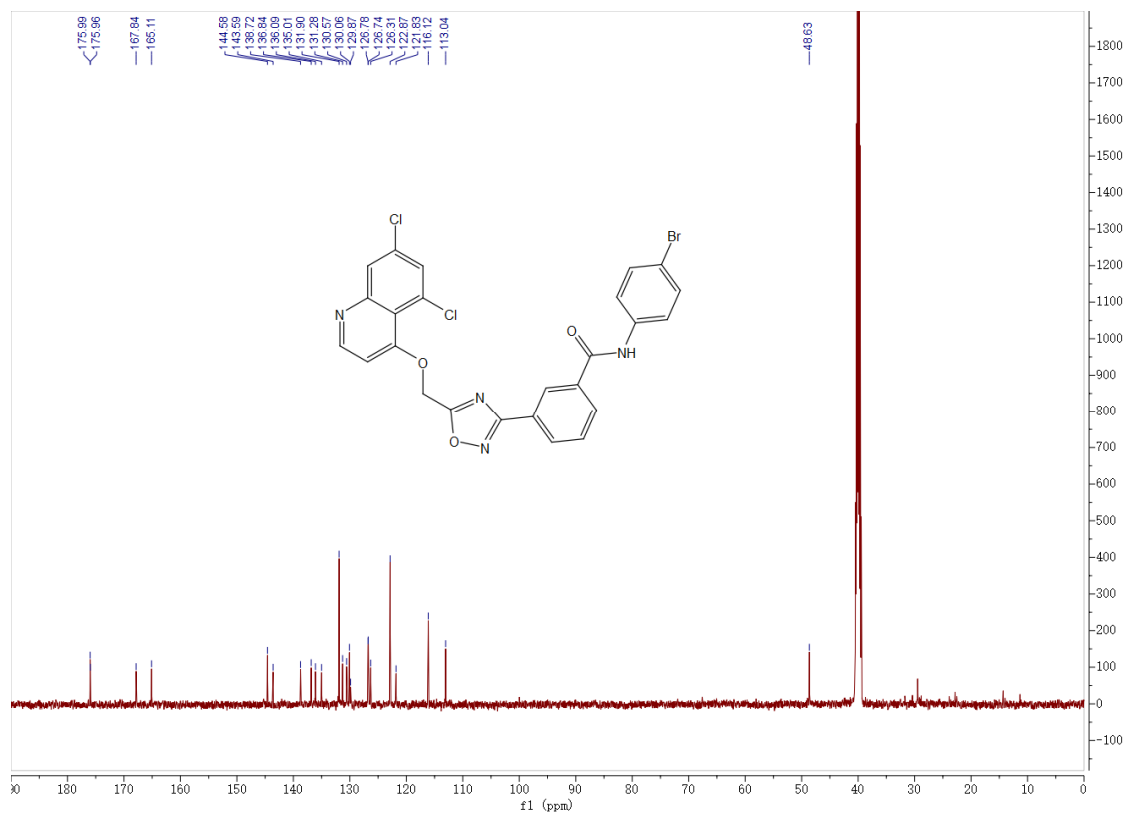


Figure S28. <sup>13</sup>C NMR spectra of 13k.

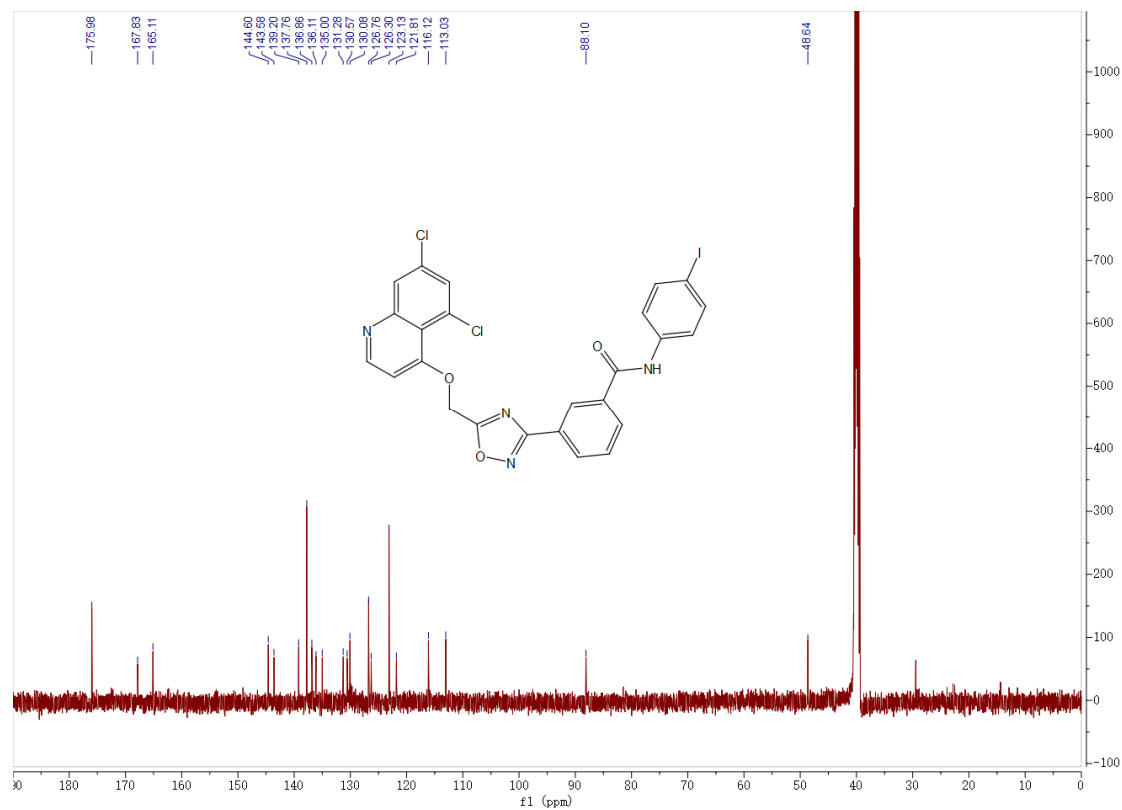


Figure S29. <sup>13</sup>C NMR spectra of 13l.



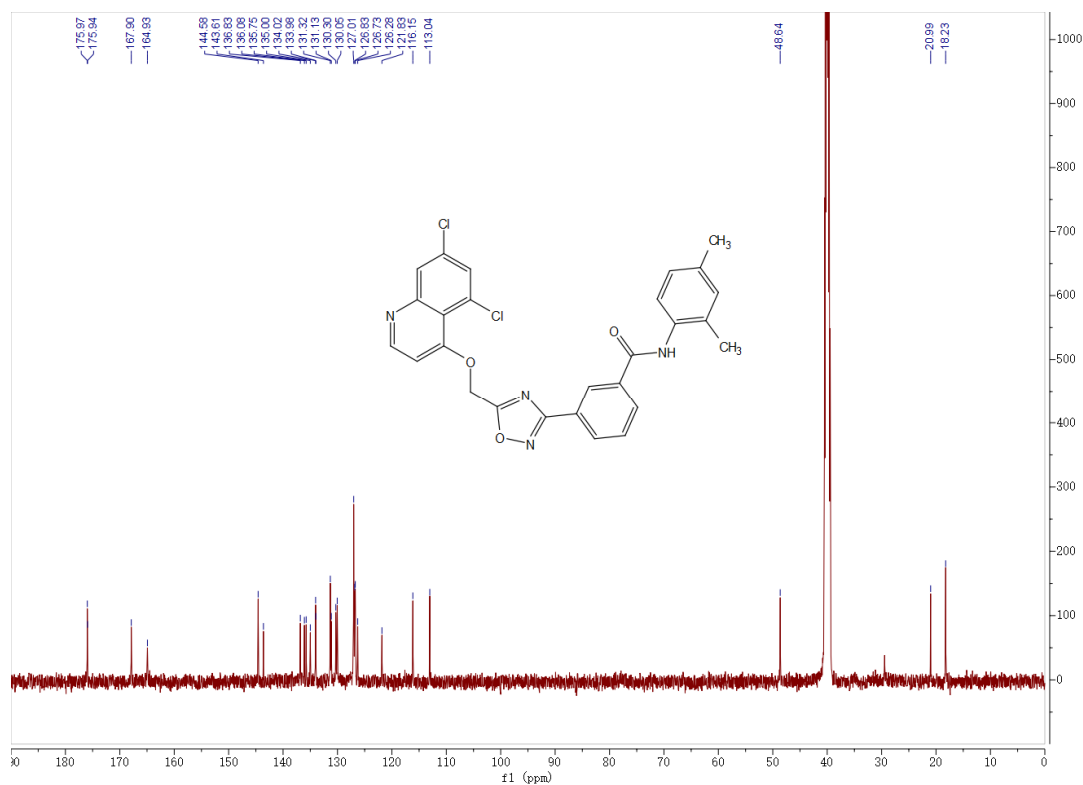


Figure S30.  $^{13}\text{C}$  NMR spectra of 13m.

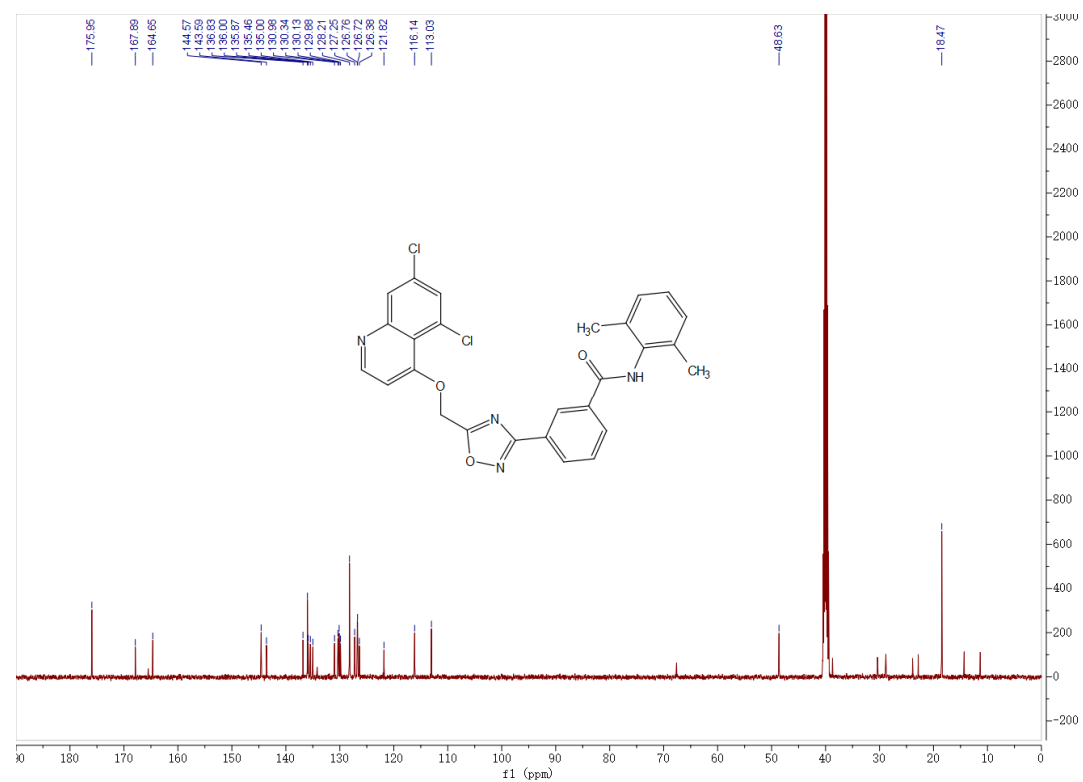


Figure S31.  $^{13}\text{C}$  NMR spectra of 13n.

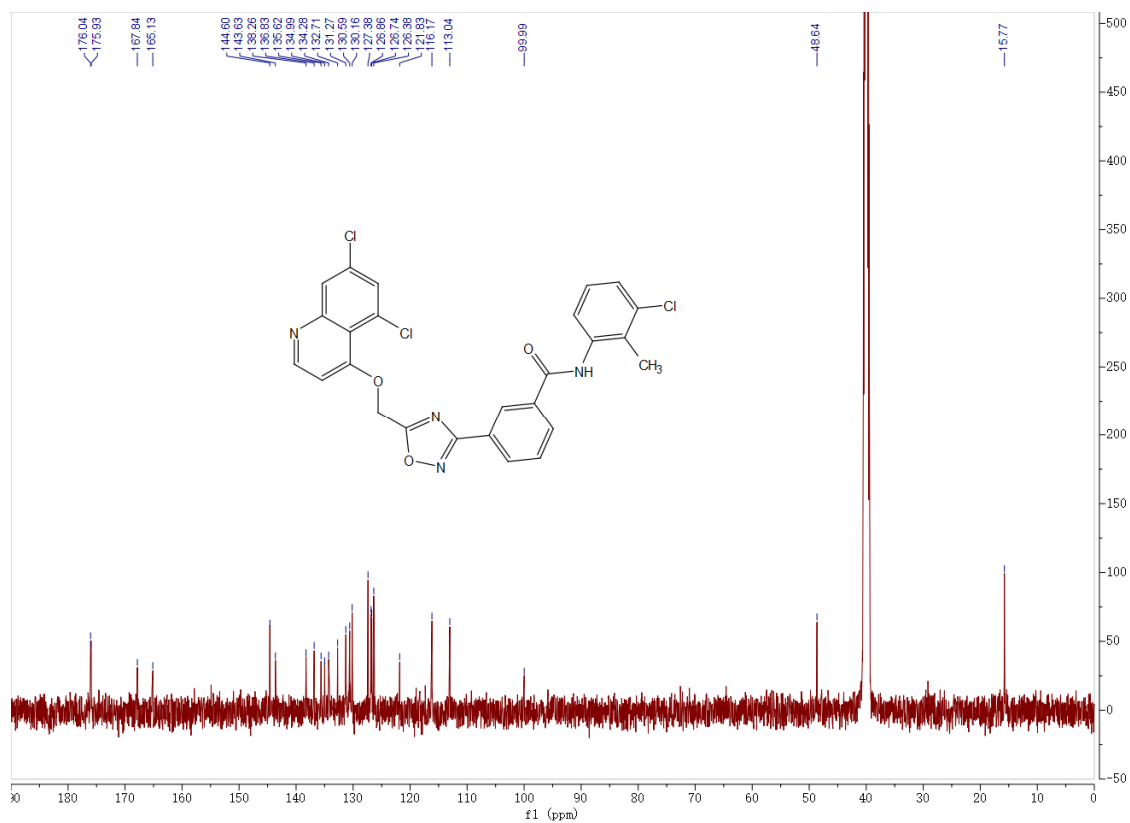


Figure S32. <sup>13</sup>C NMR spectra of 13o.

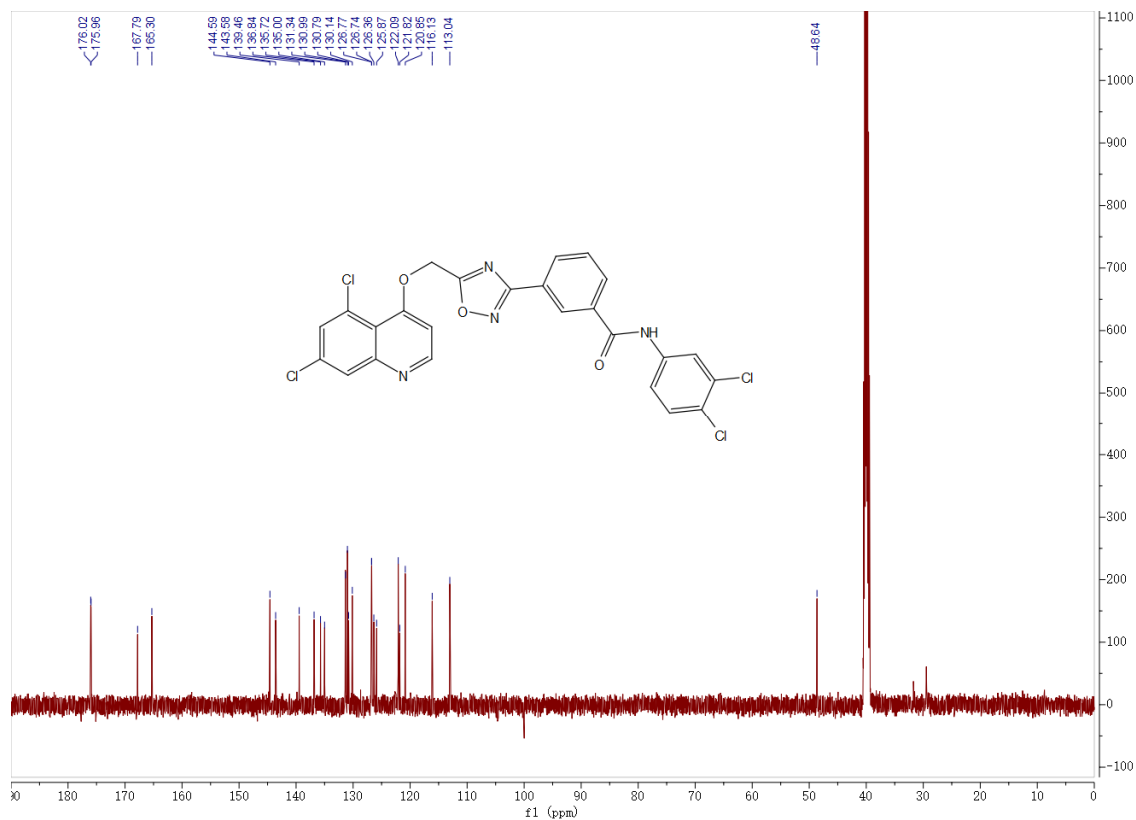


Figure S33. <sup>13</sup>C NMR spectra of 13p.

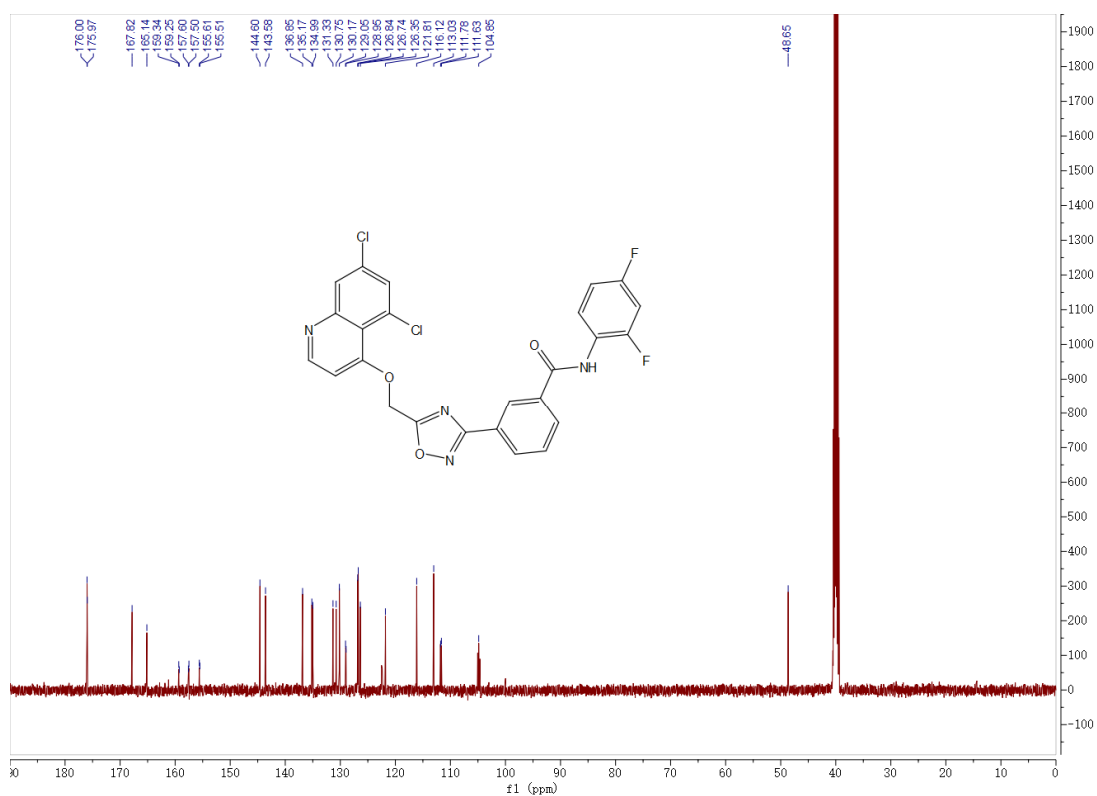


Figure S34.  $^{13}\text{C}$  NMR spectra of 13q.

### 3. ESI-HRMS spectra of 13a~13q

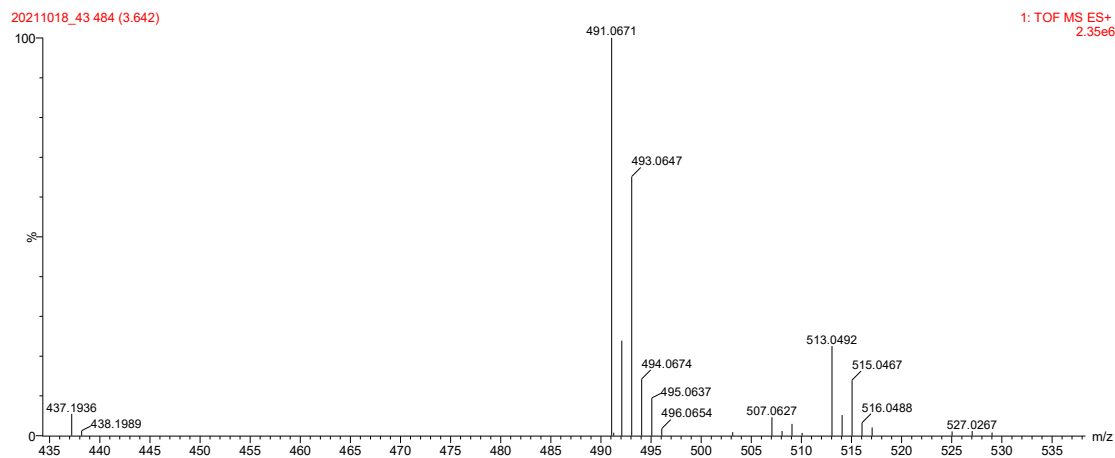


Figure S35. ESI-HRMS spectra of 13a.

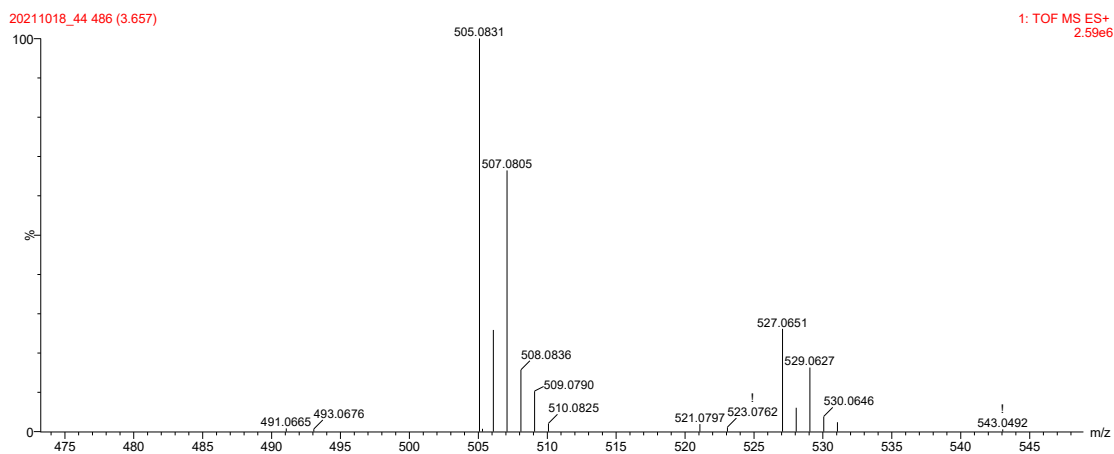
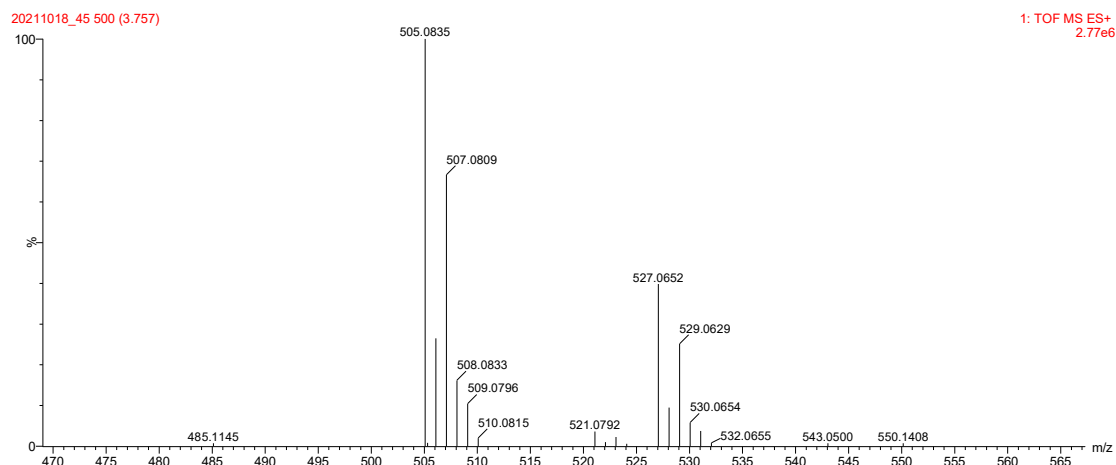
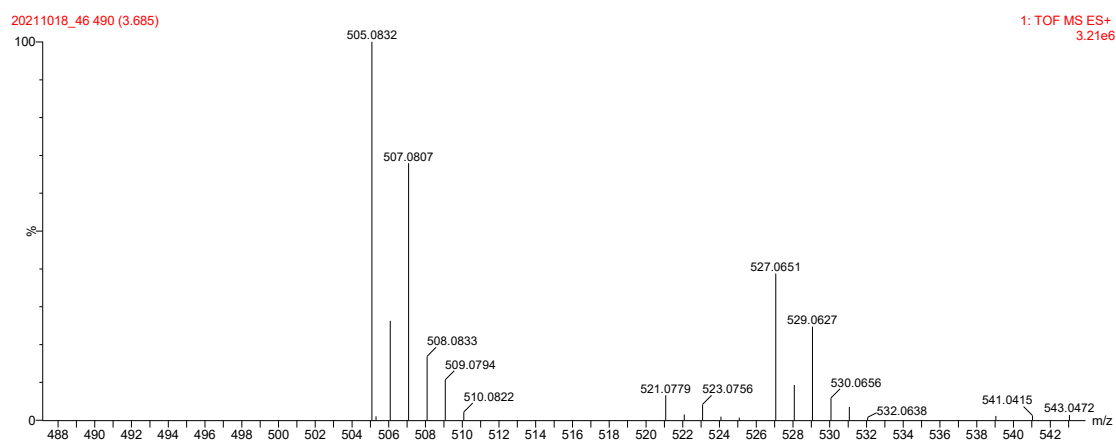


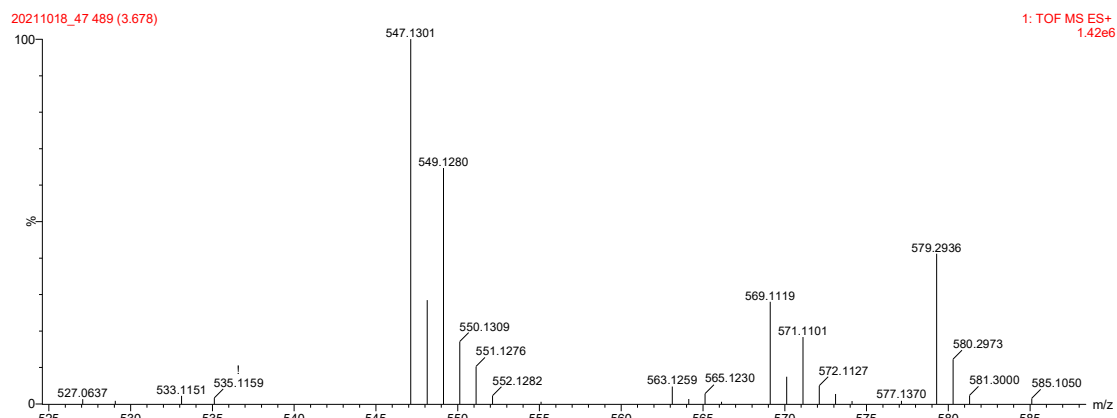
Figure S36. ESI-HRMS spectra of 13b.



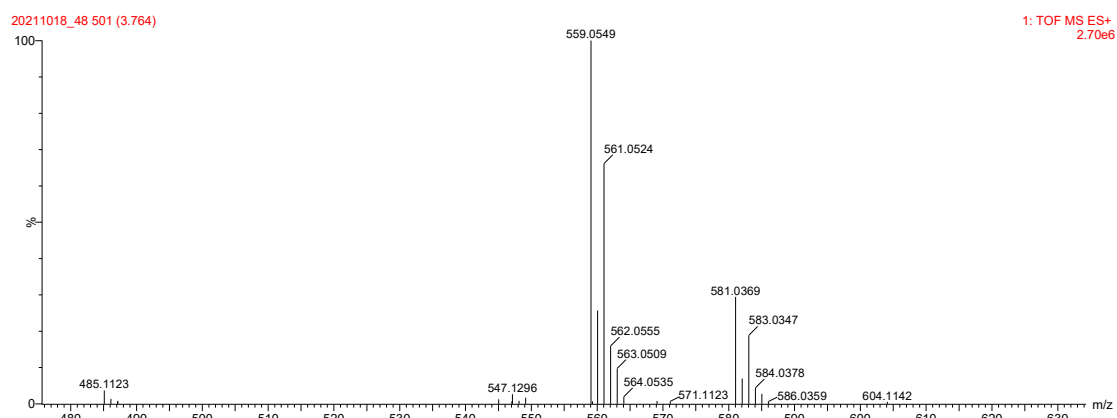
**Figure S37.** ESI-HRMS spectra of **13c**.



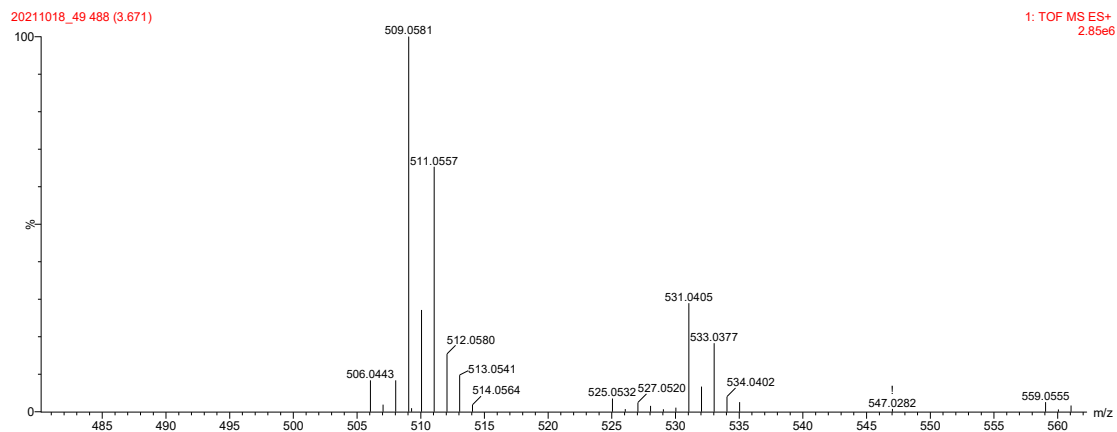
**Figure S38.** ESI-HRMS spectra of **13d**.



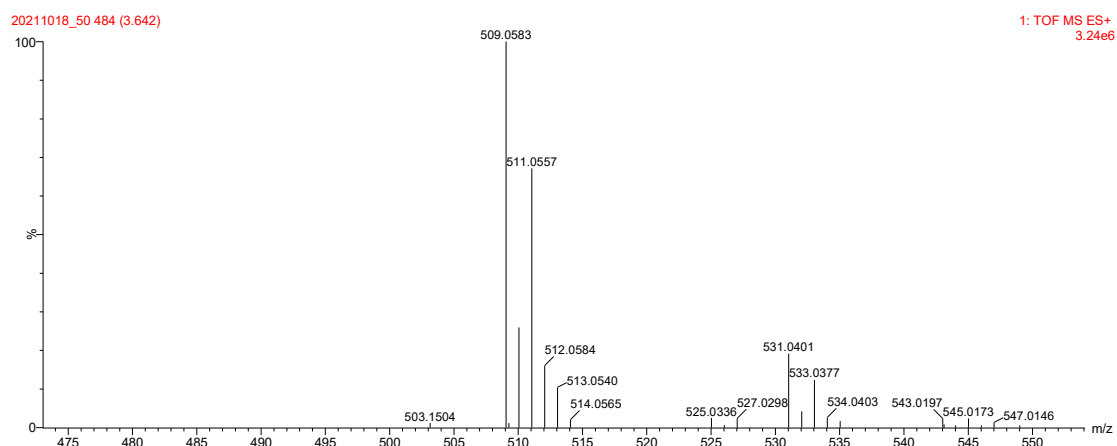
**Figure S39.** ESI-HRMS spectra of **13e**.



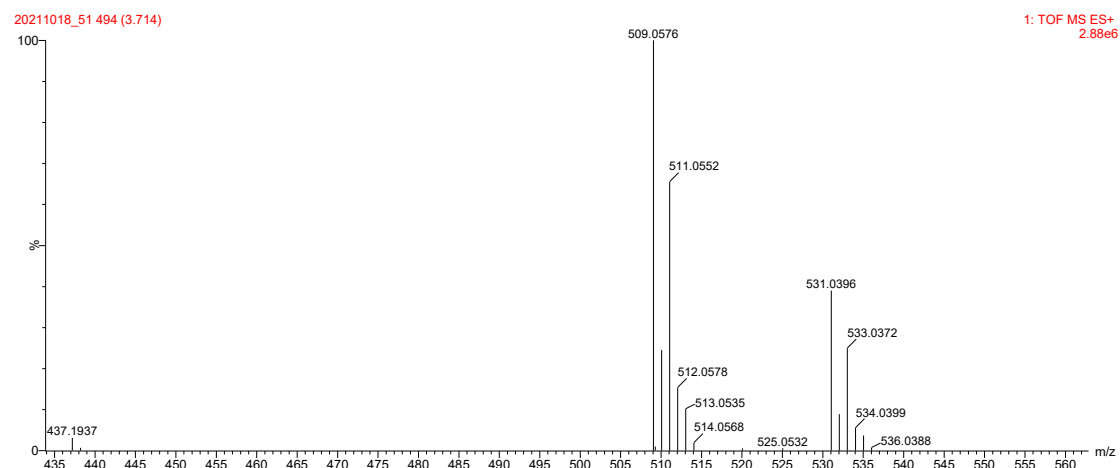
**Figure S40.** ESI-HRMS spectra of **13f**.



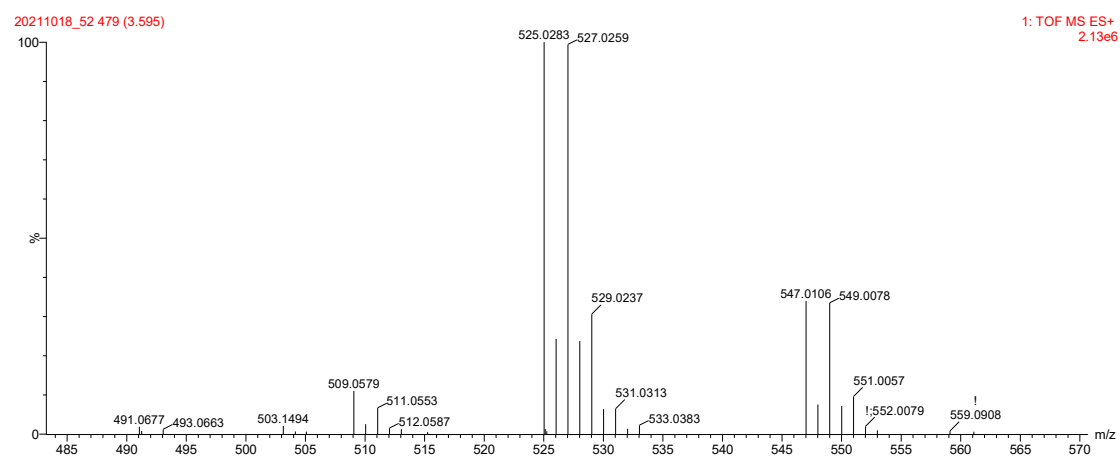
**Figure S41.** ESI-HRMS spectra of **13g**.



**Figure S42.** ESI-HRMS spectra of **13h**.

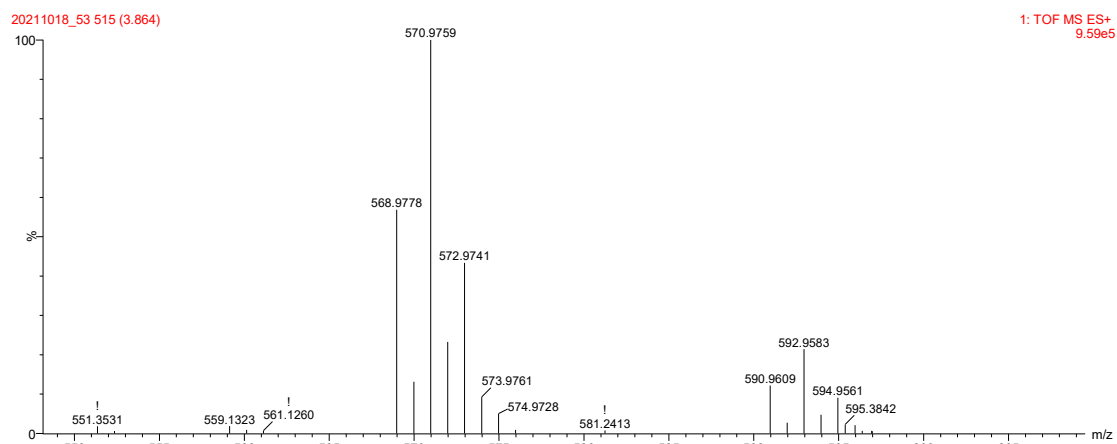


**Figure S43.** ESI-HRMS spectra of **13i**.

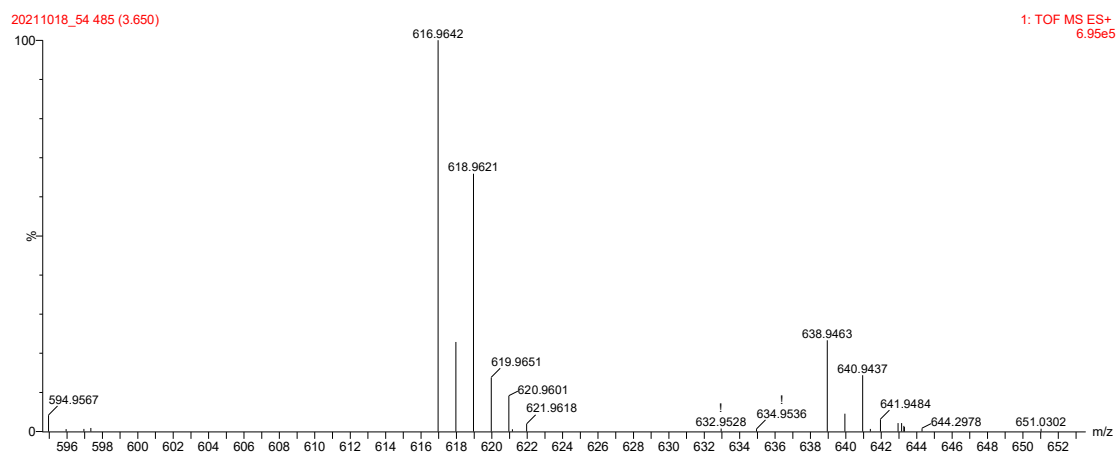


**Figure S44.** ESI-HRMS spectra of **13j**.

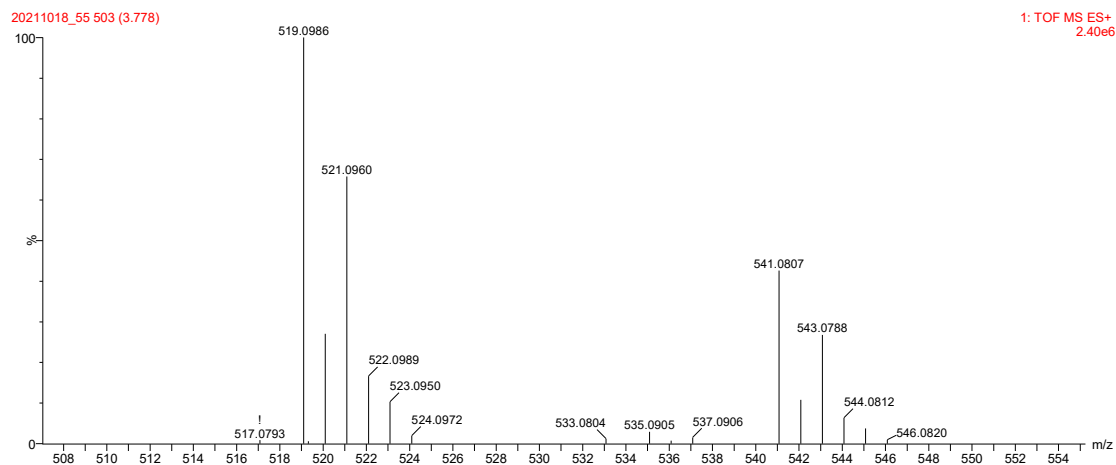




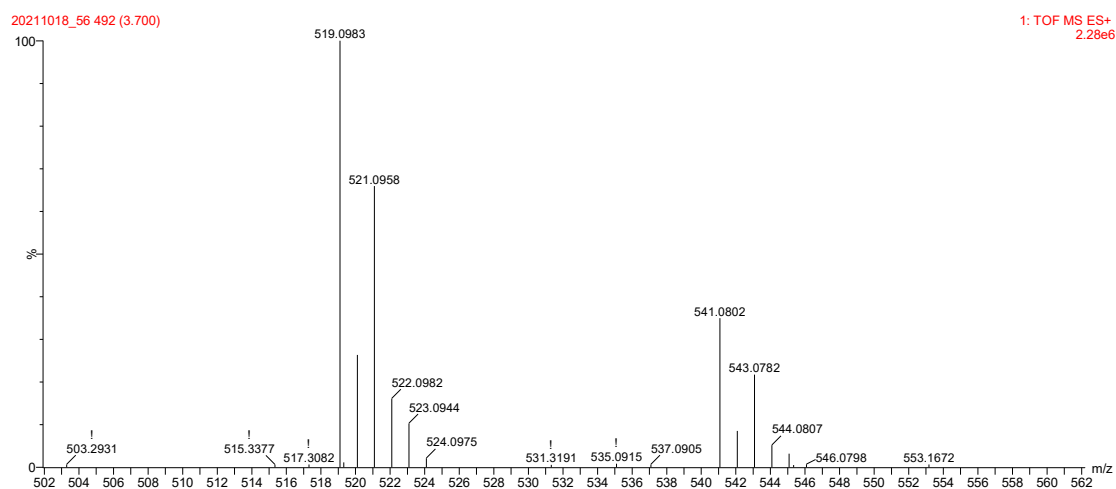
**Figure S45.** ESI-HRMS spectra of **13k**.



**Figure S46.** ESI-HRMS spectra of **13l**.



**Figure S47.** ESI-HRMS spectra of **13m**.



**Figure S48.** ESI-HRMS spectra of **13n**.

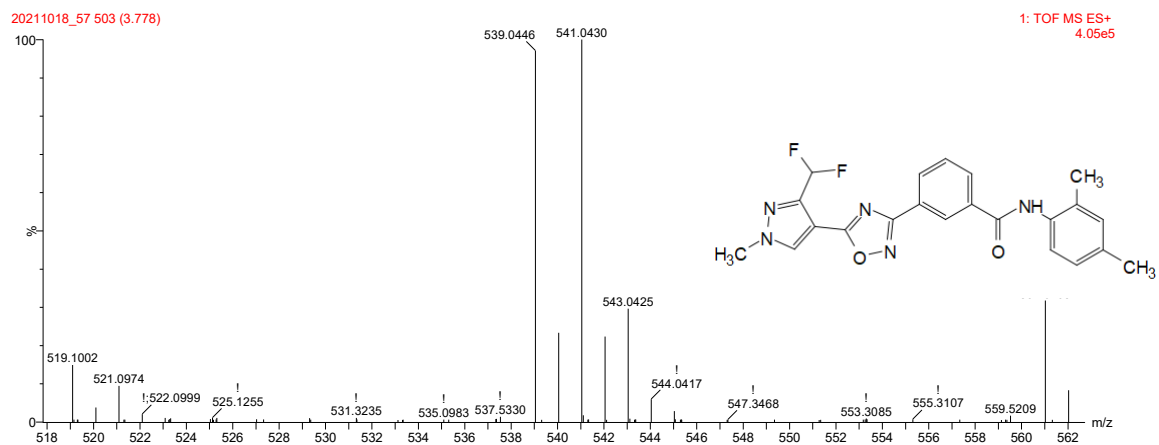


Figure S49. ESI-HRMS spectra of 13o.

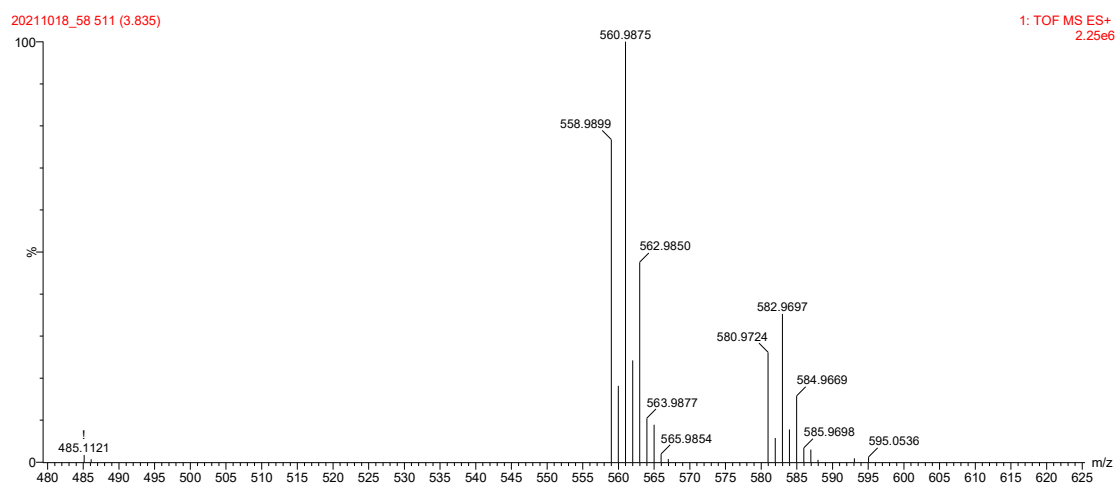
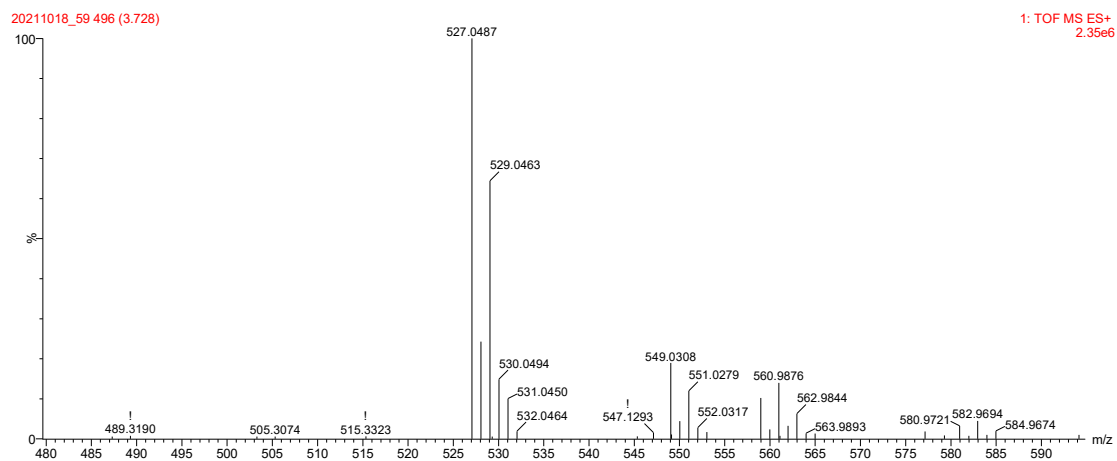


Figure S50. ESI-HRMS spectra of 13p.



**Figure S51.** ESI-HRMS spectra of **13q**.