

Supporting information

Synthesis and *In Vitro* Antibacterial Activity of Quaternized

10-Methoxycanthin-6-one Derivatives

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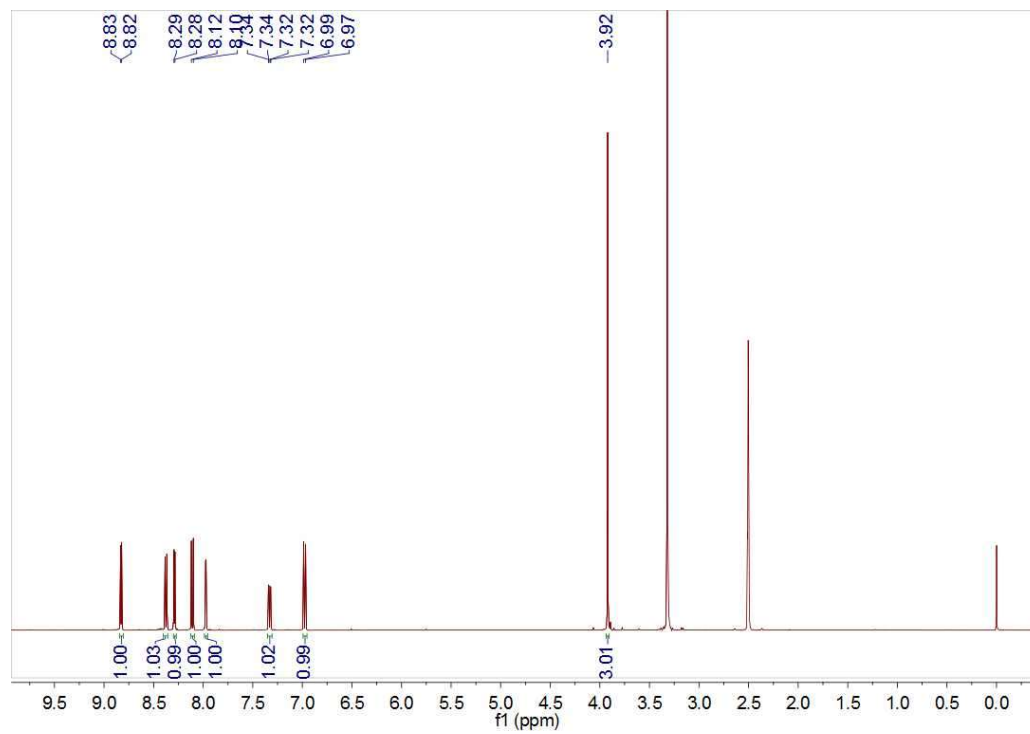
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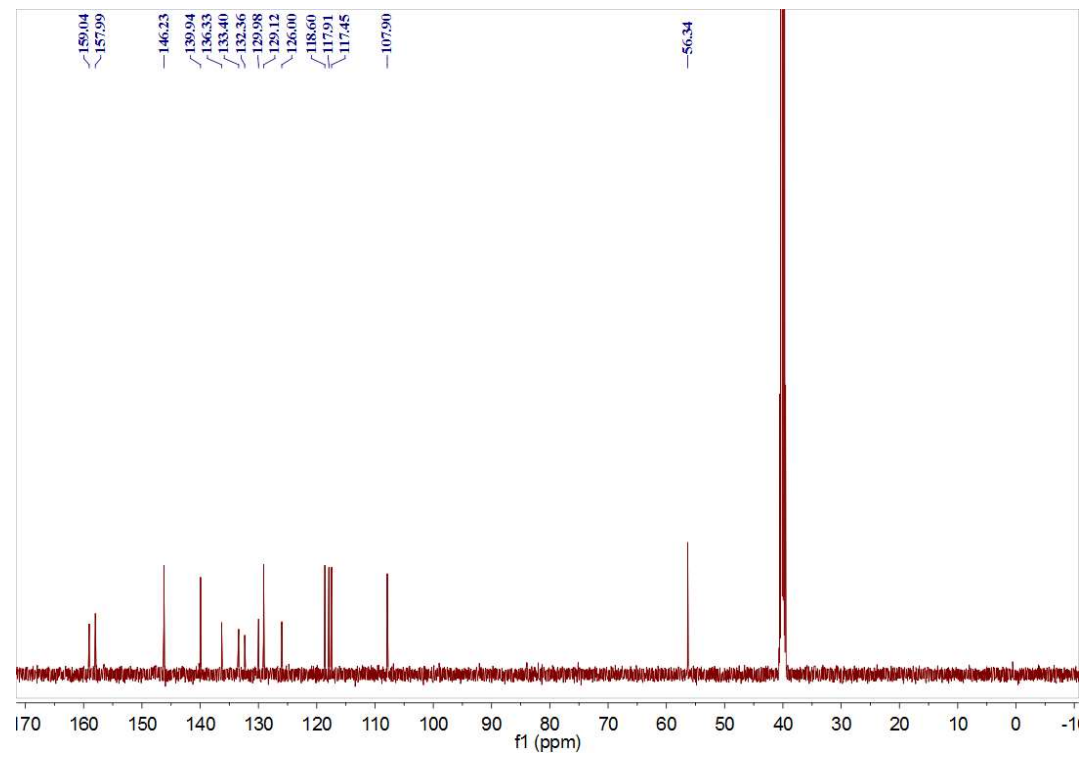
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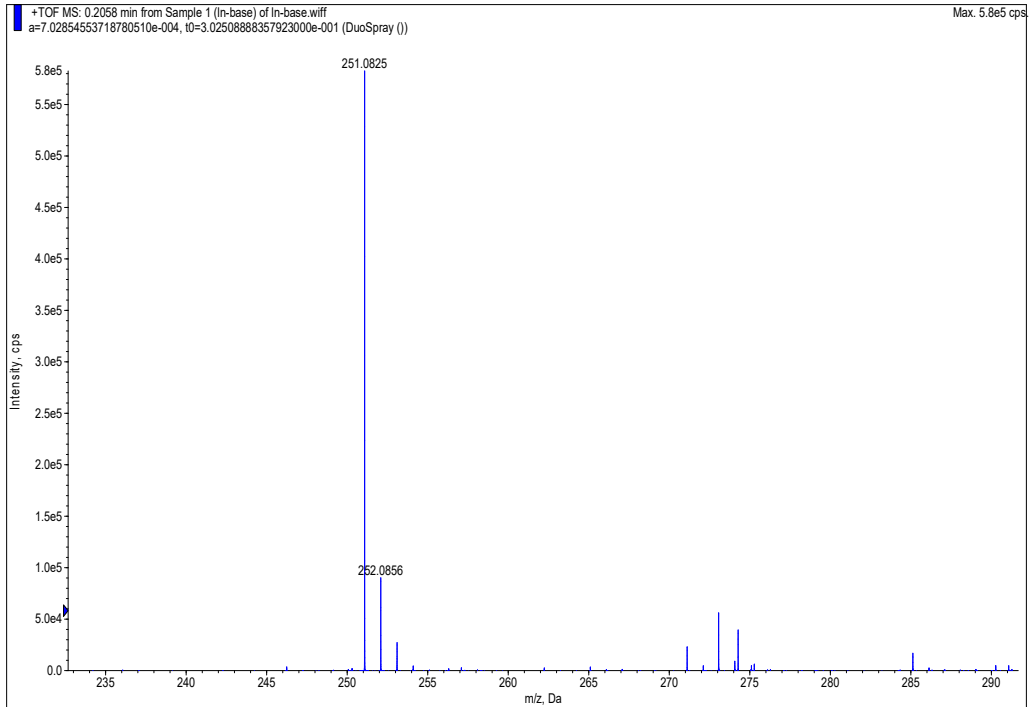
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The NMR, HRMS and HPLC Spectra of Compounds **5** and **6a–6v**.







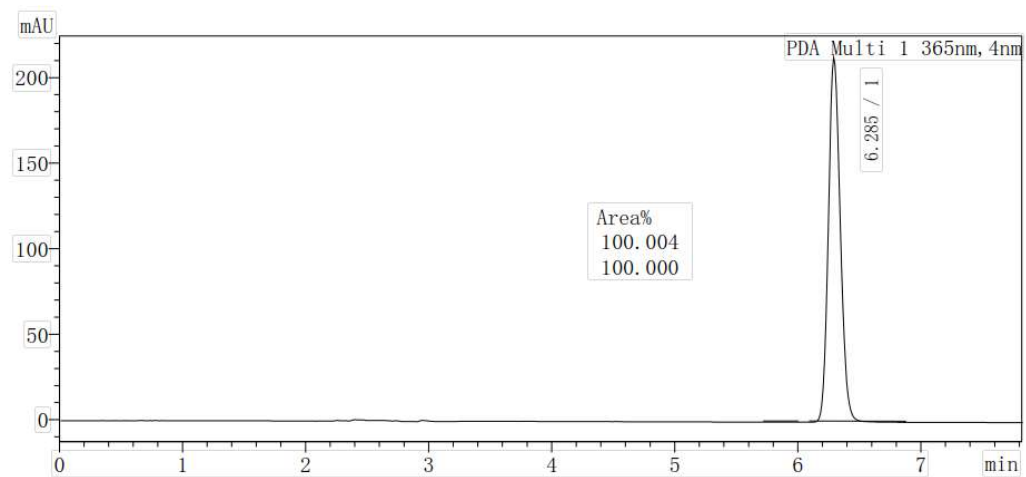
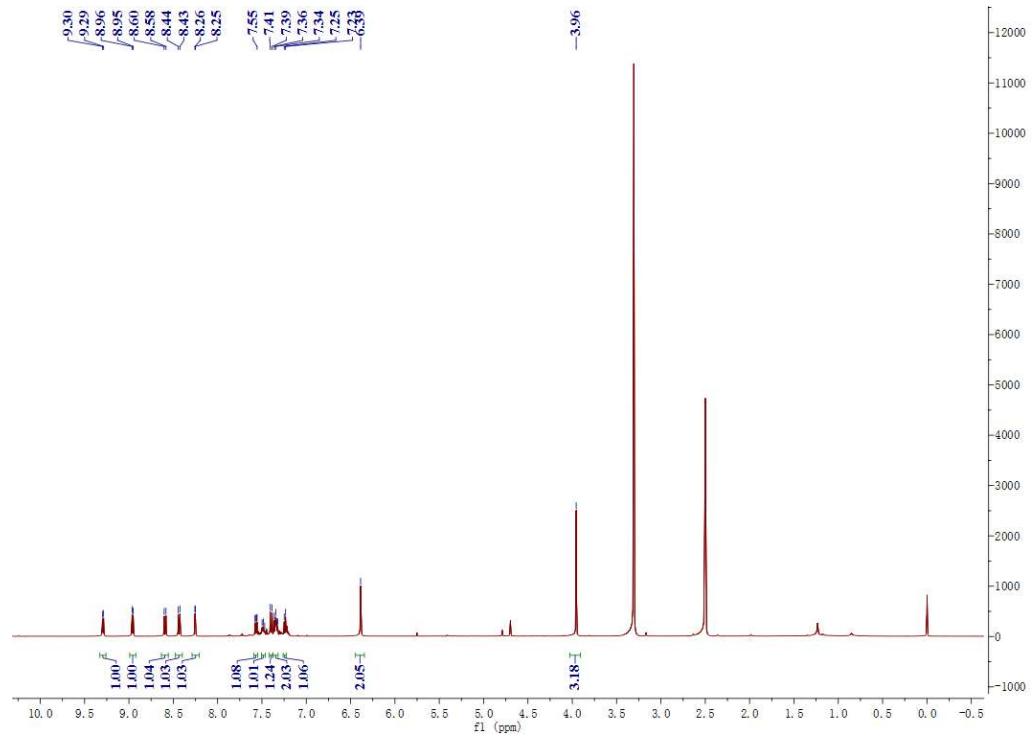
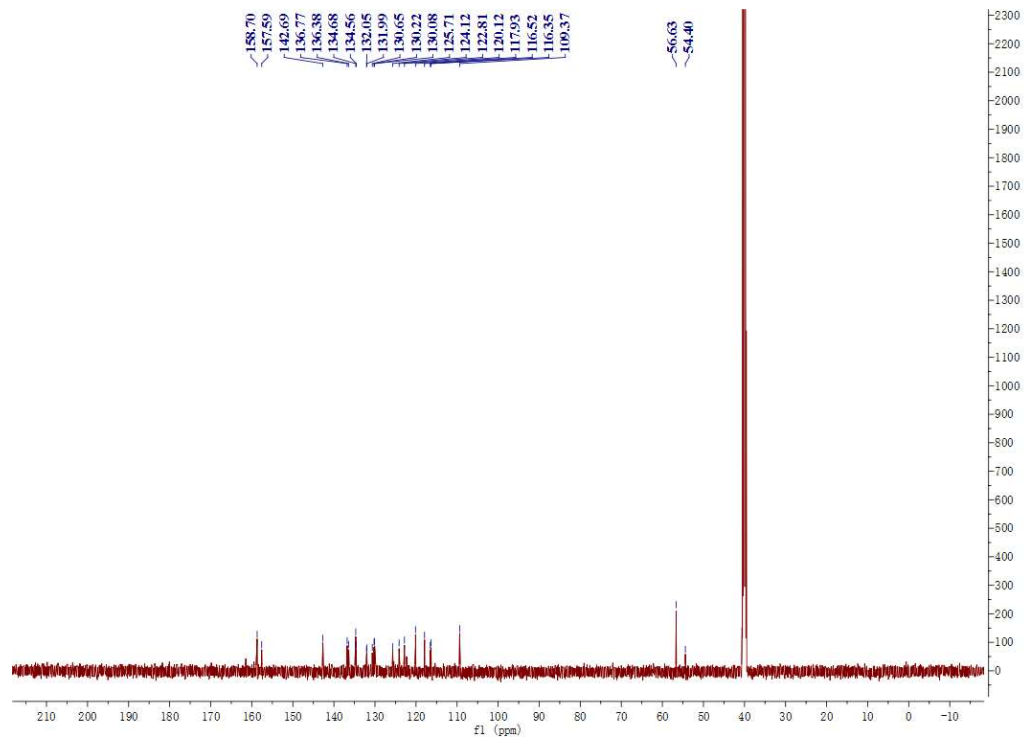
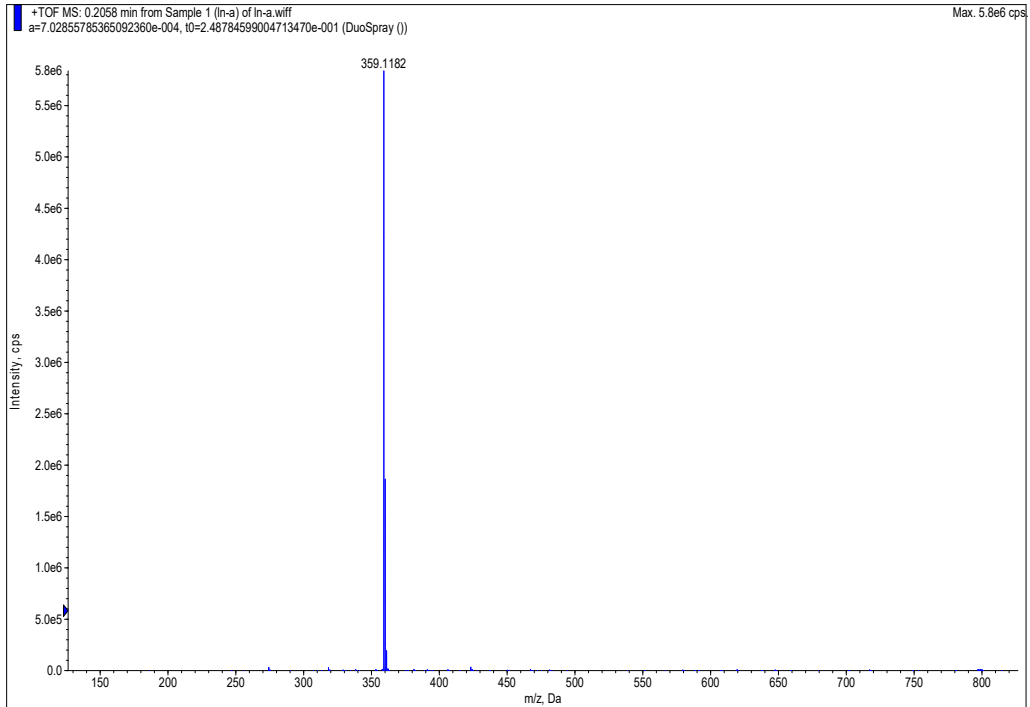


Figure S1. The NMR, HRMS and HPLC spectra of compound **5**.







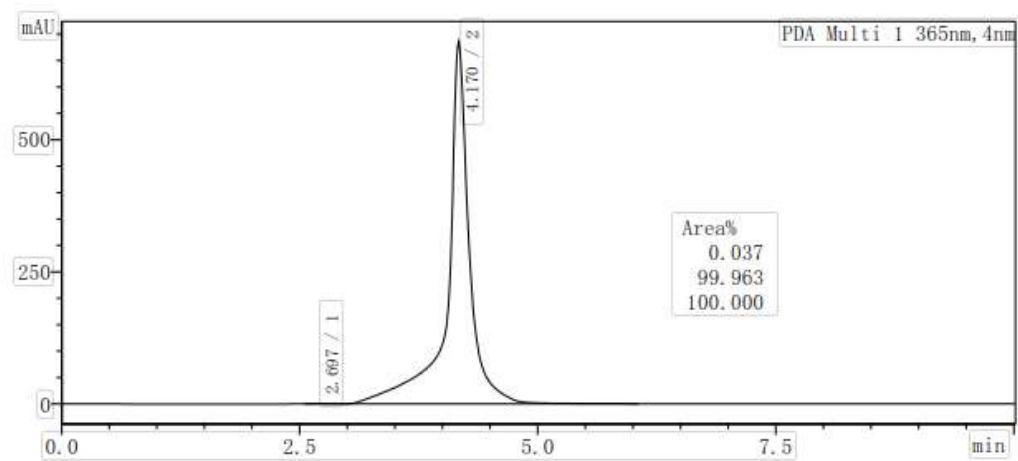
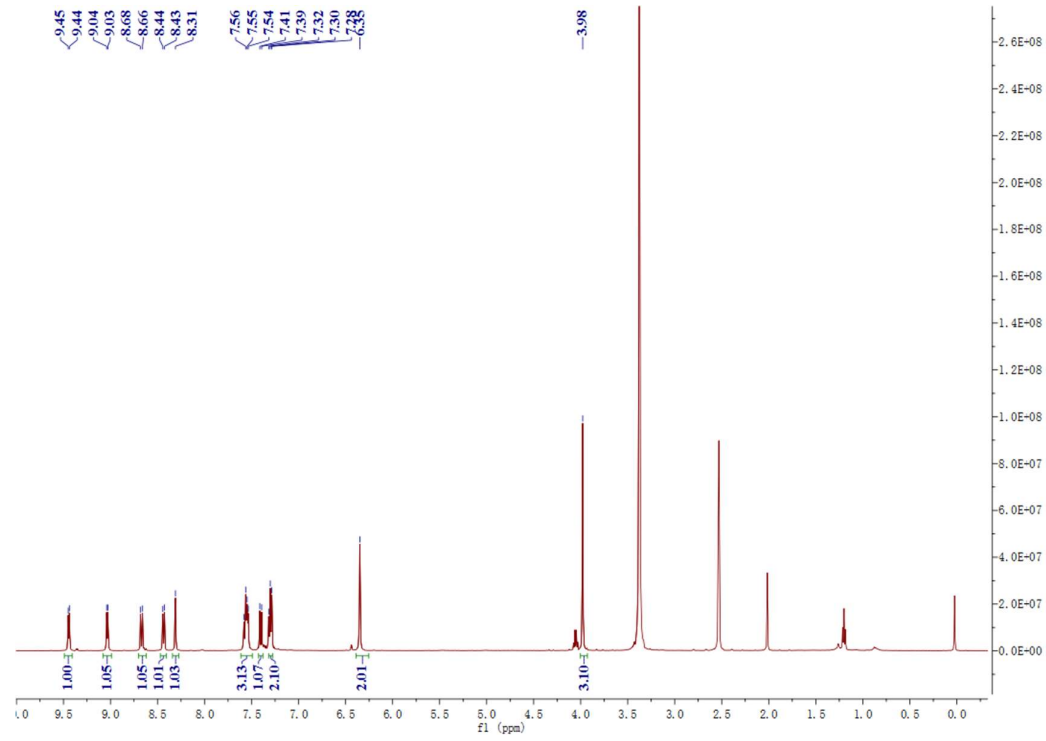
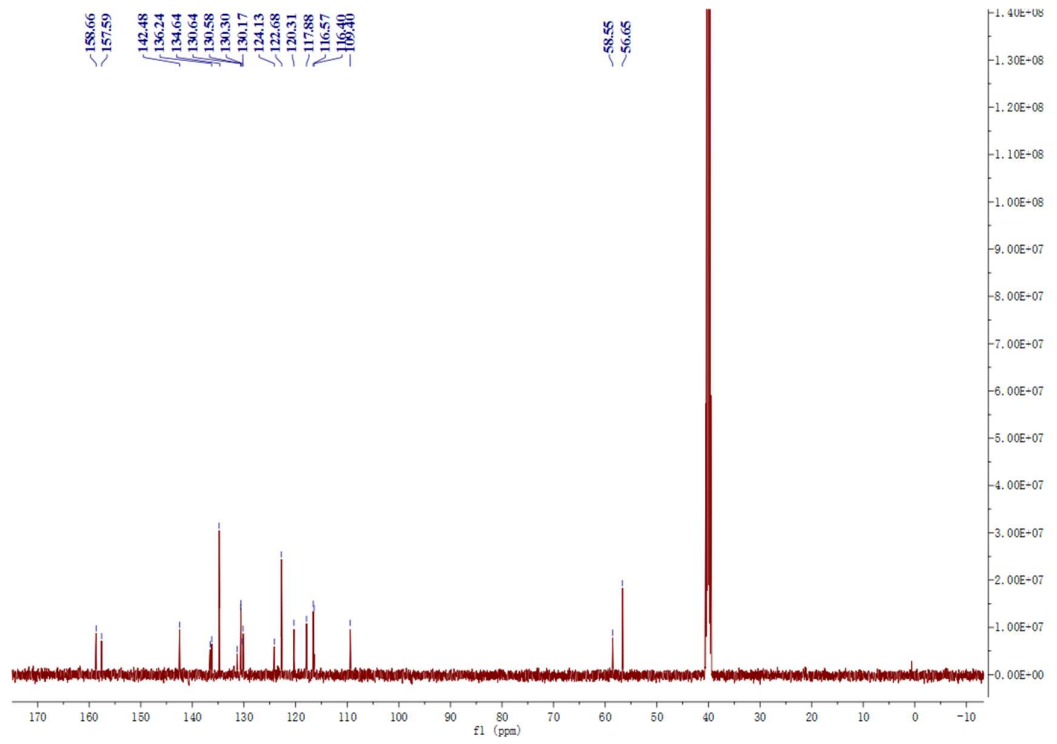
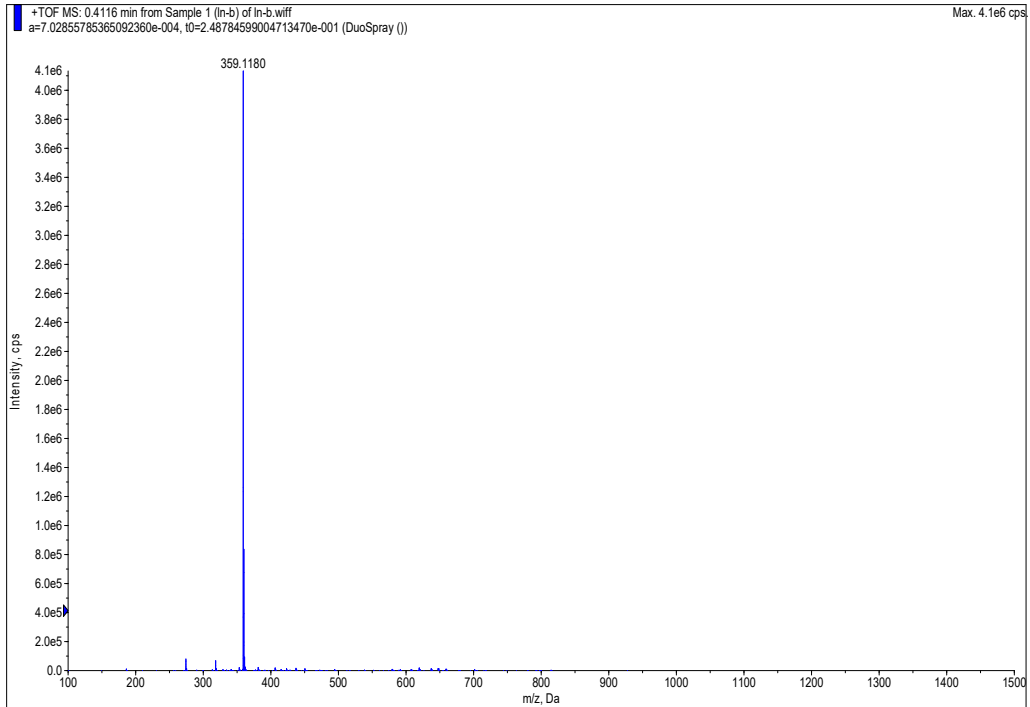


Figure S2. The NMR, HRMS and HPLC spectra of compound **6a**.







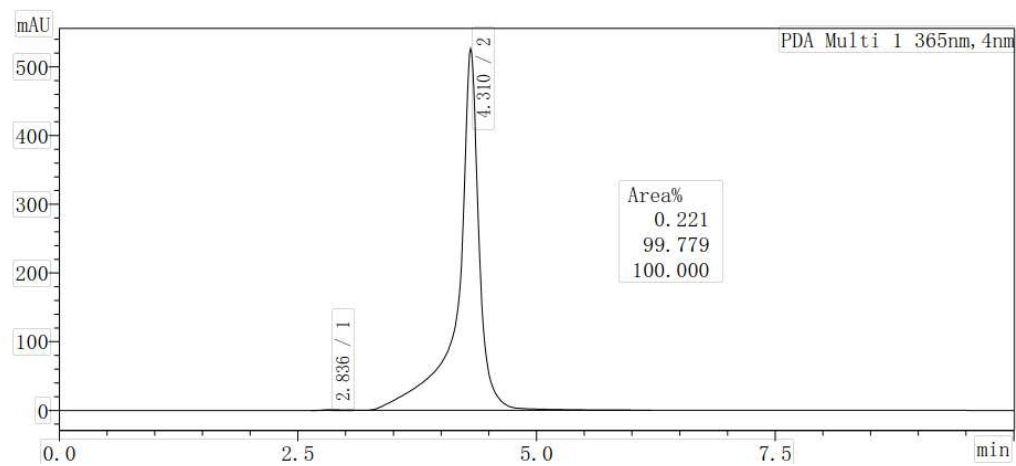
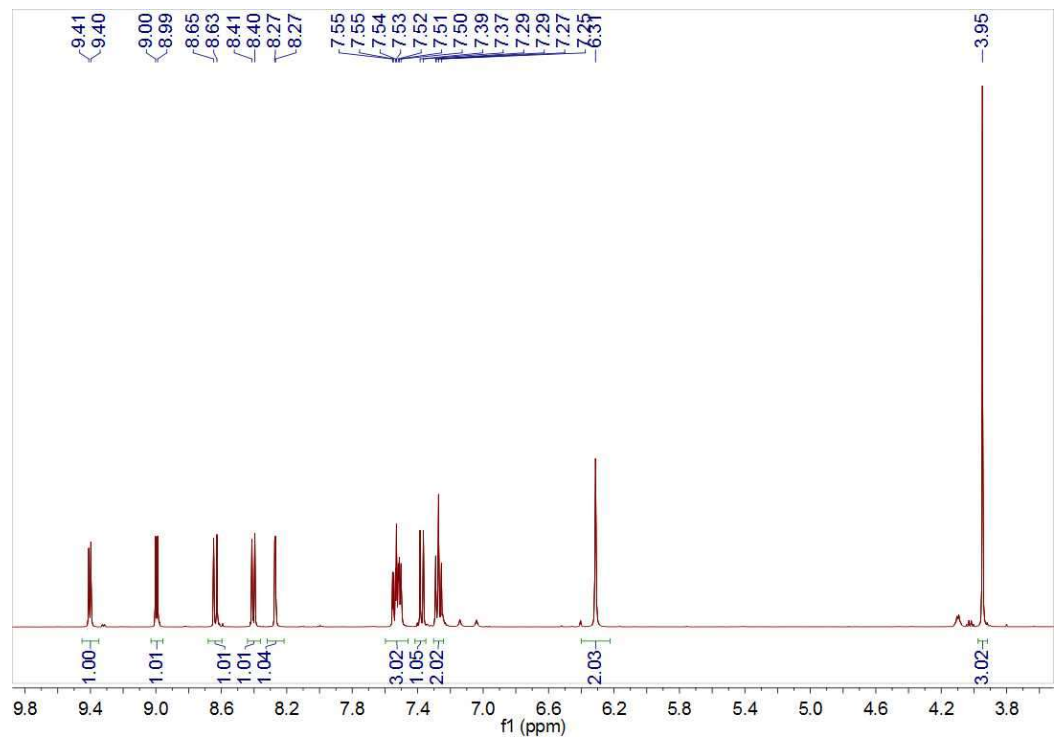
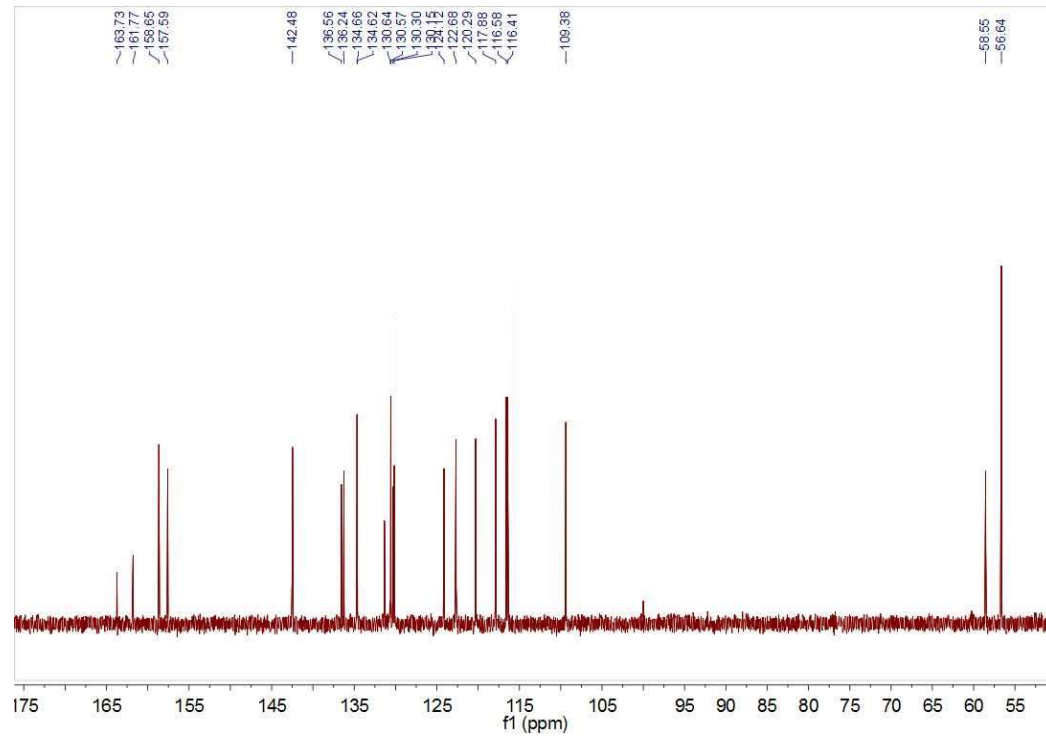
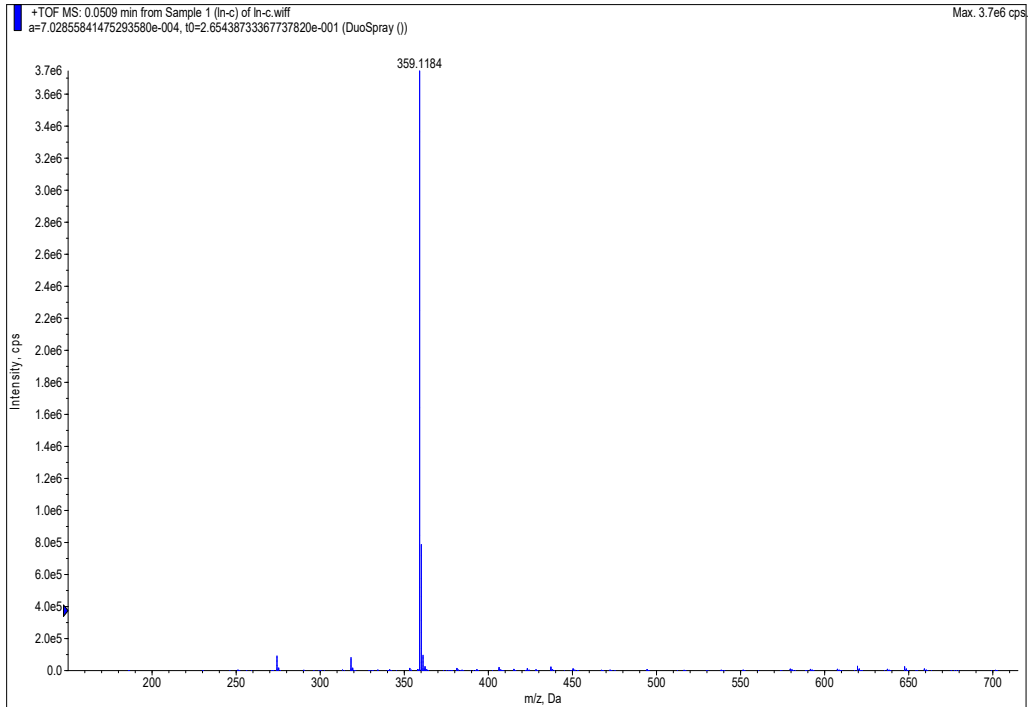


Figure S3. The NMR, HRMS and HPLC spectra of compound **6b**.







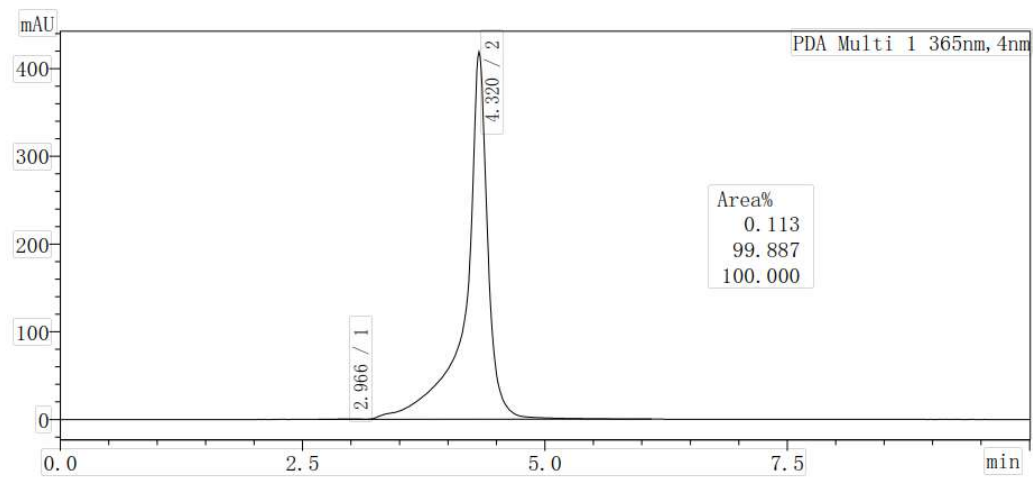
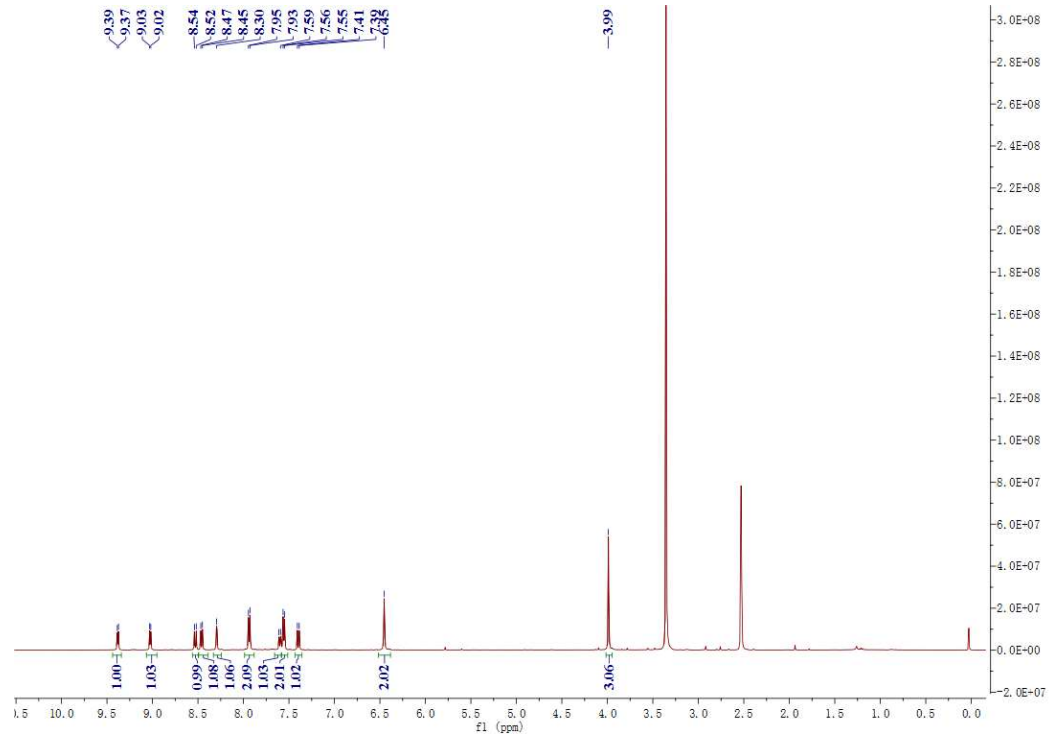
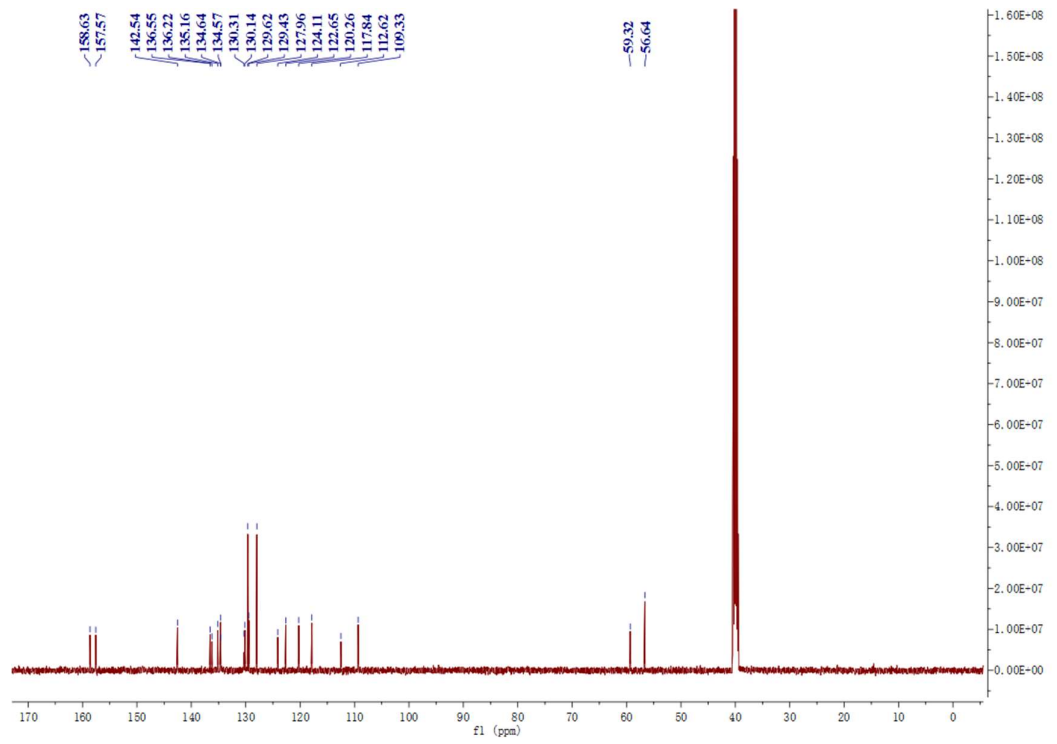
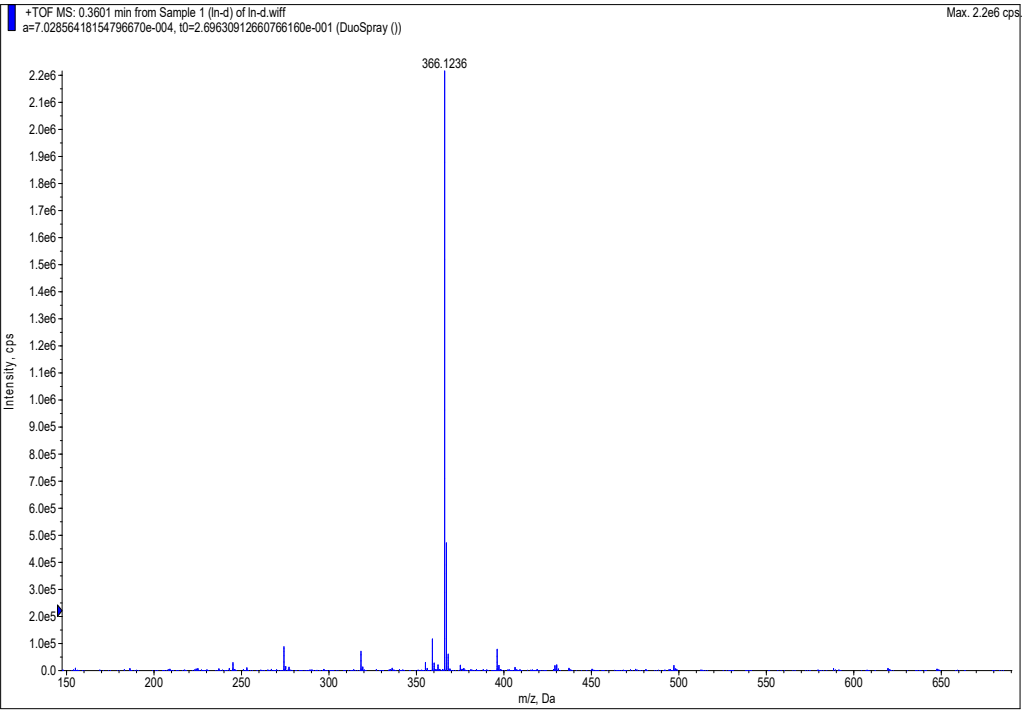


Figure S4. The NMR, HRMS and HPLC spectra of compound **6c**.







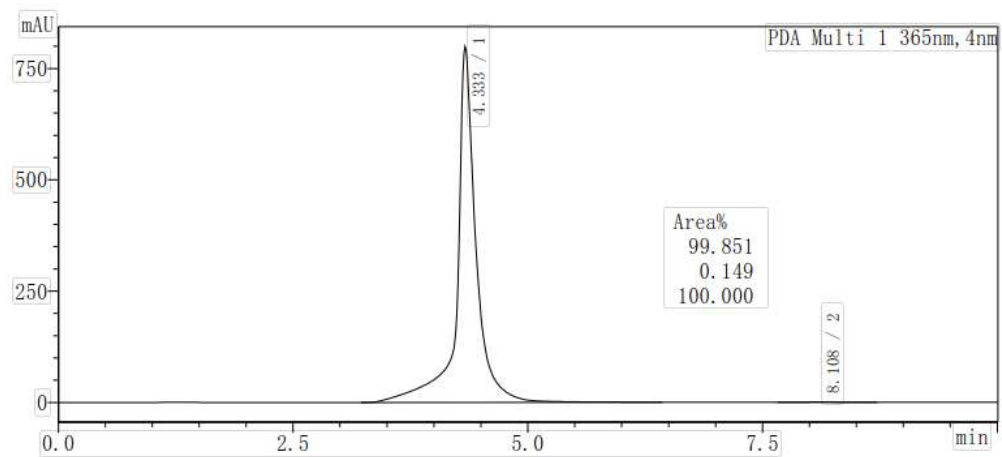
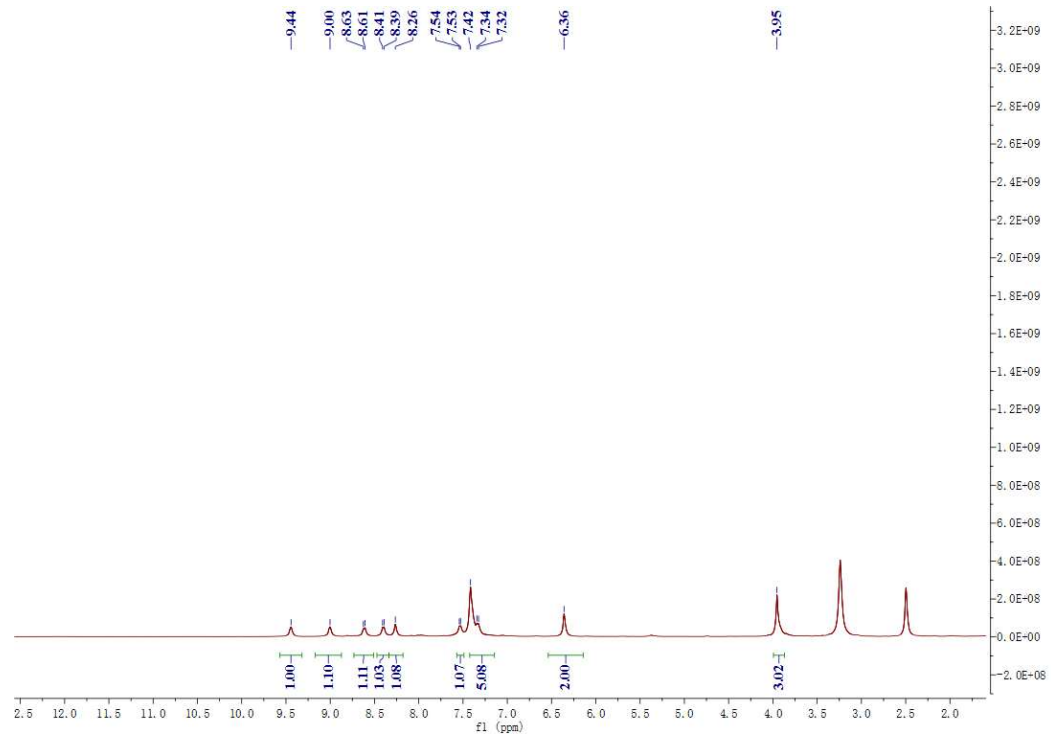
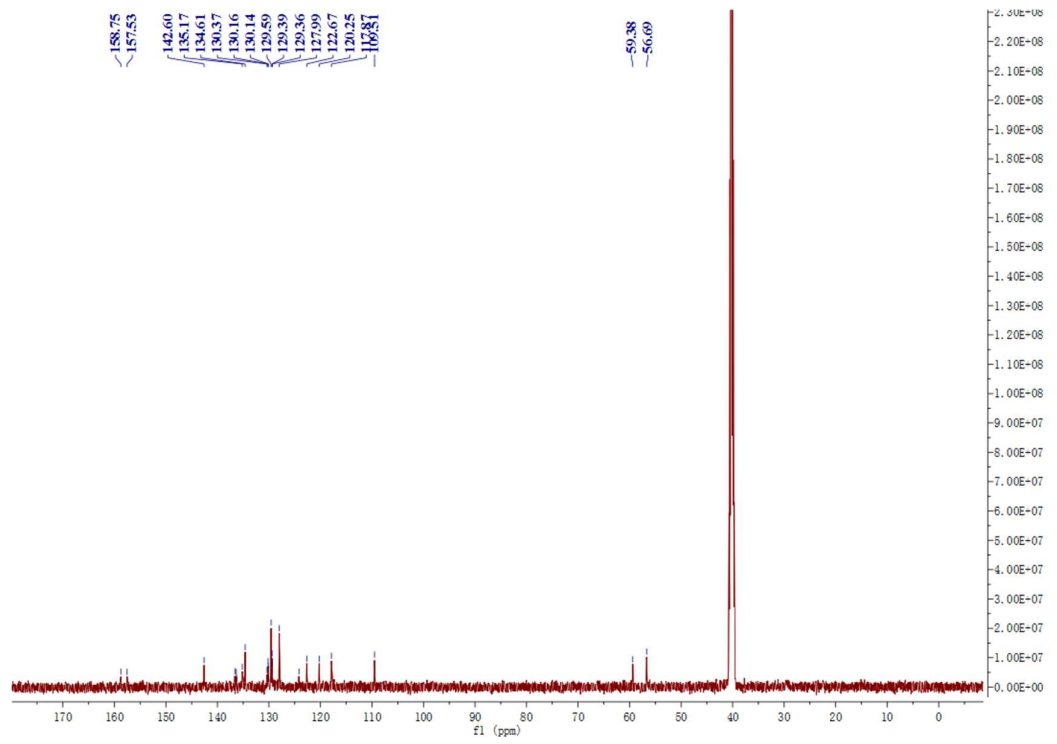
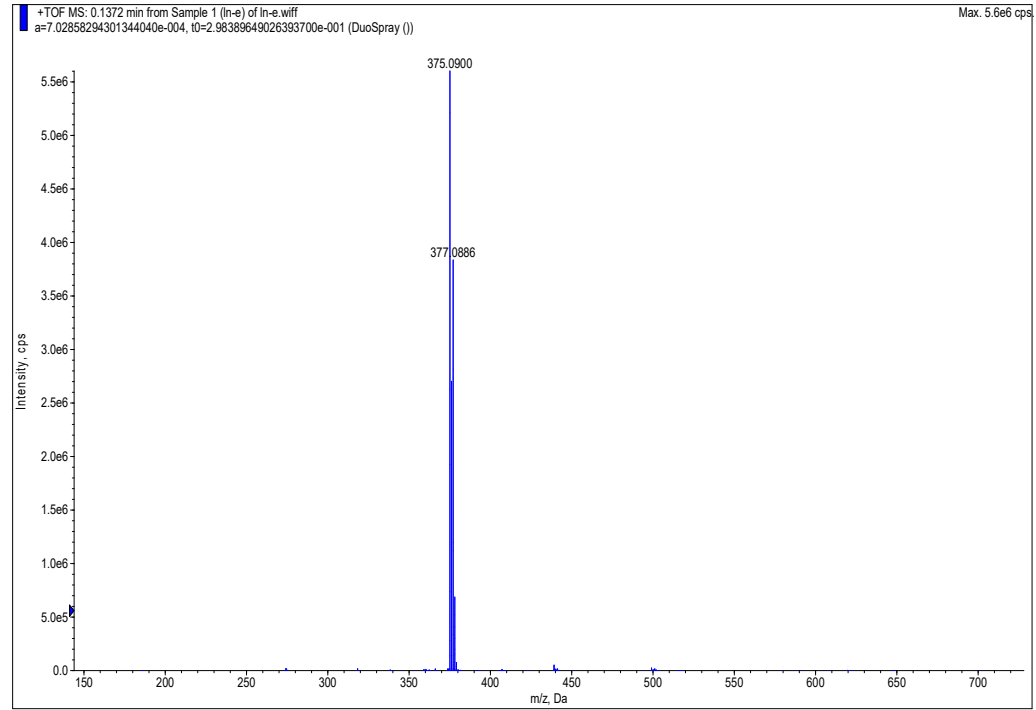


Figure S5. The NMR, HRMS and HPLC spectra of compound **6d**.







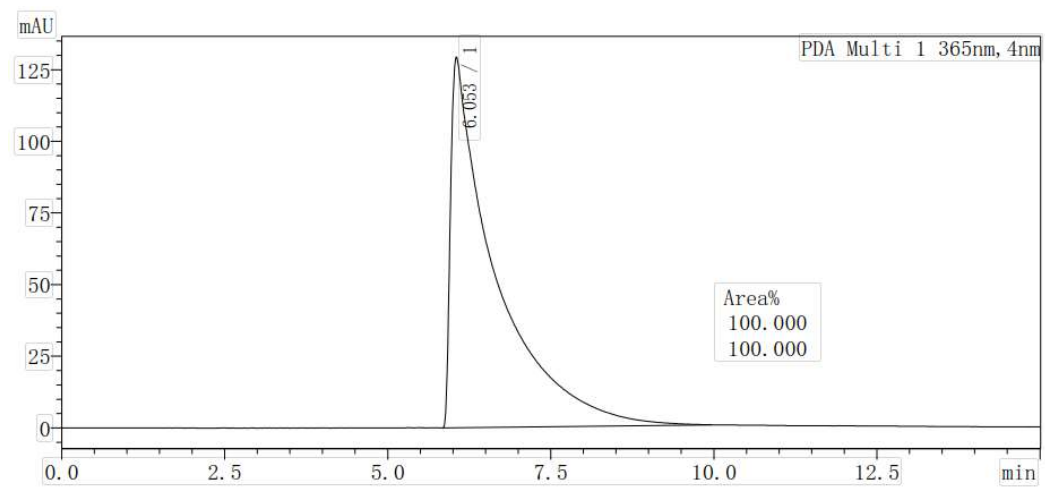
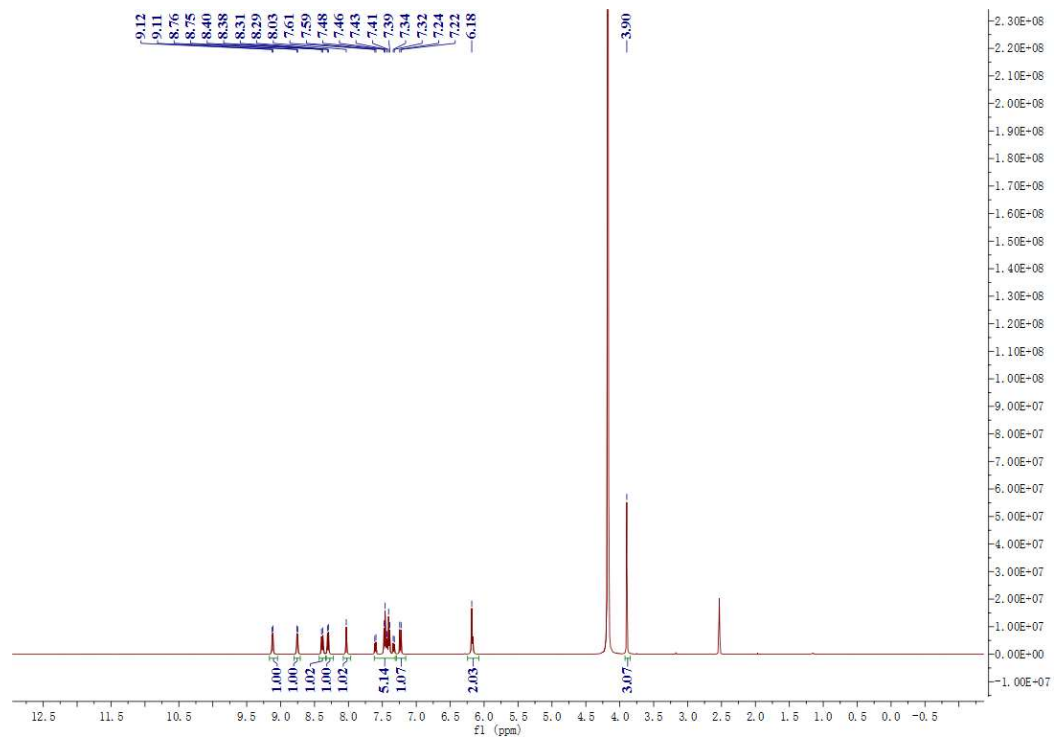
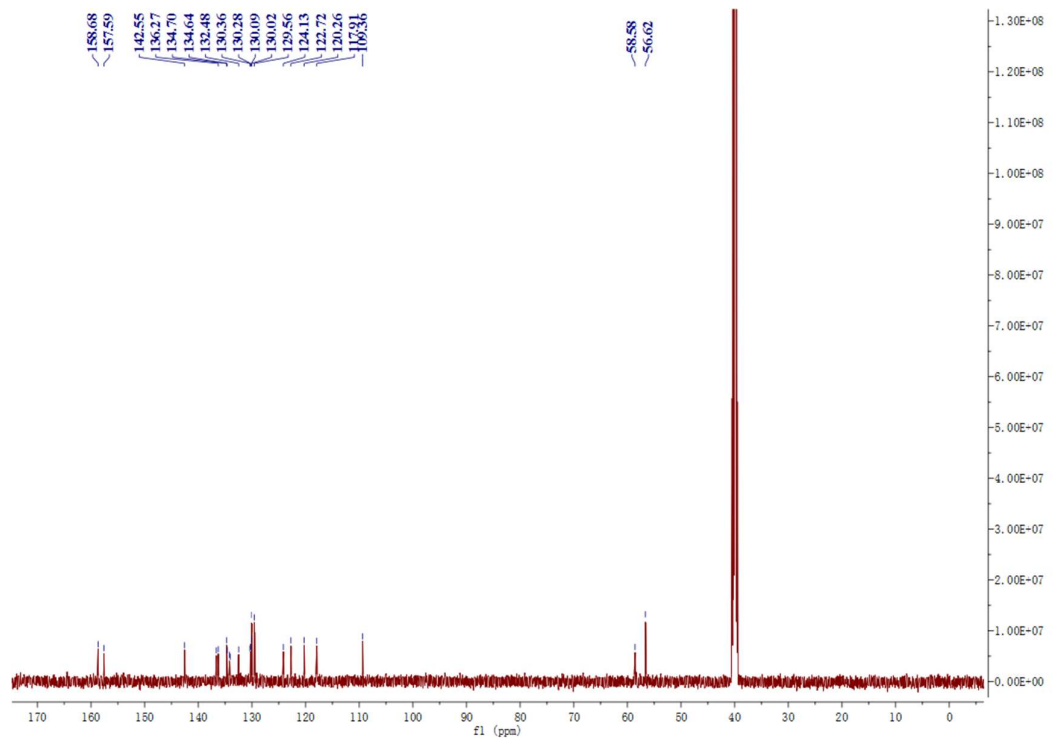
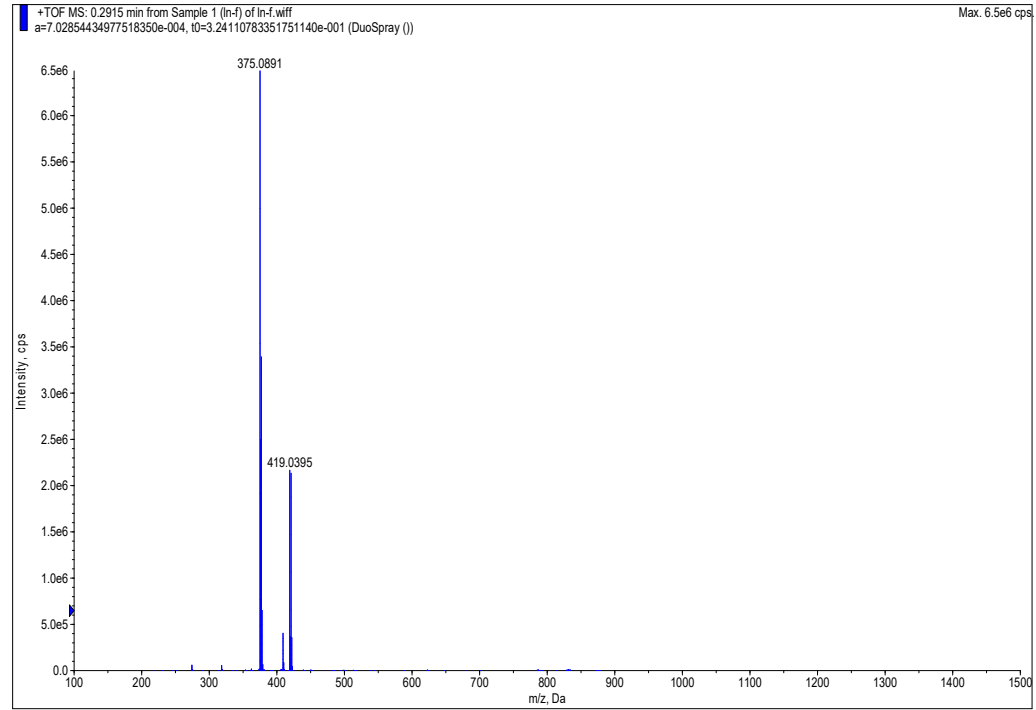


Figure S6. The NMR, HRMS and HPLC spectra of compound **6e**.







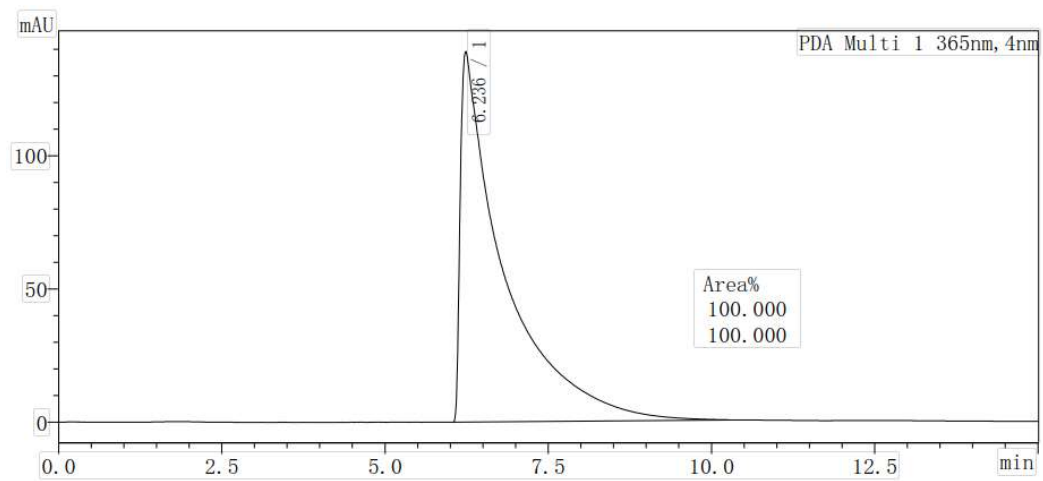
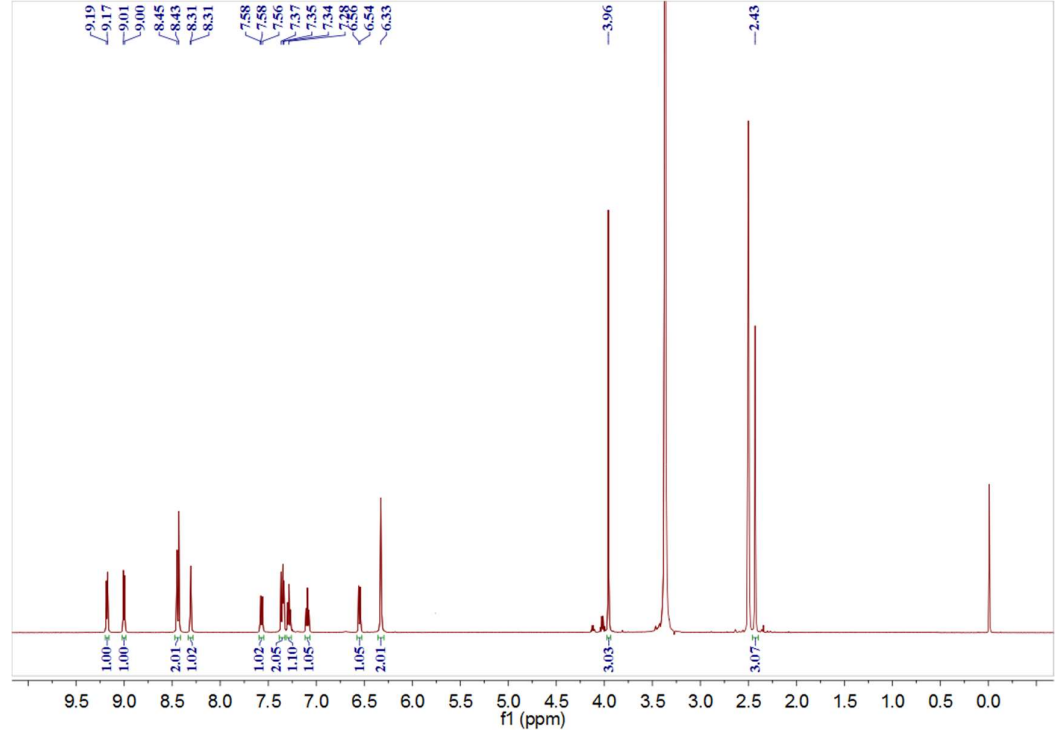
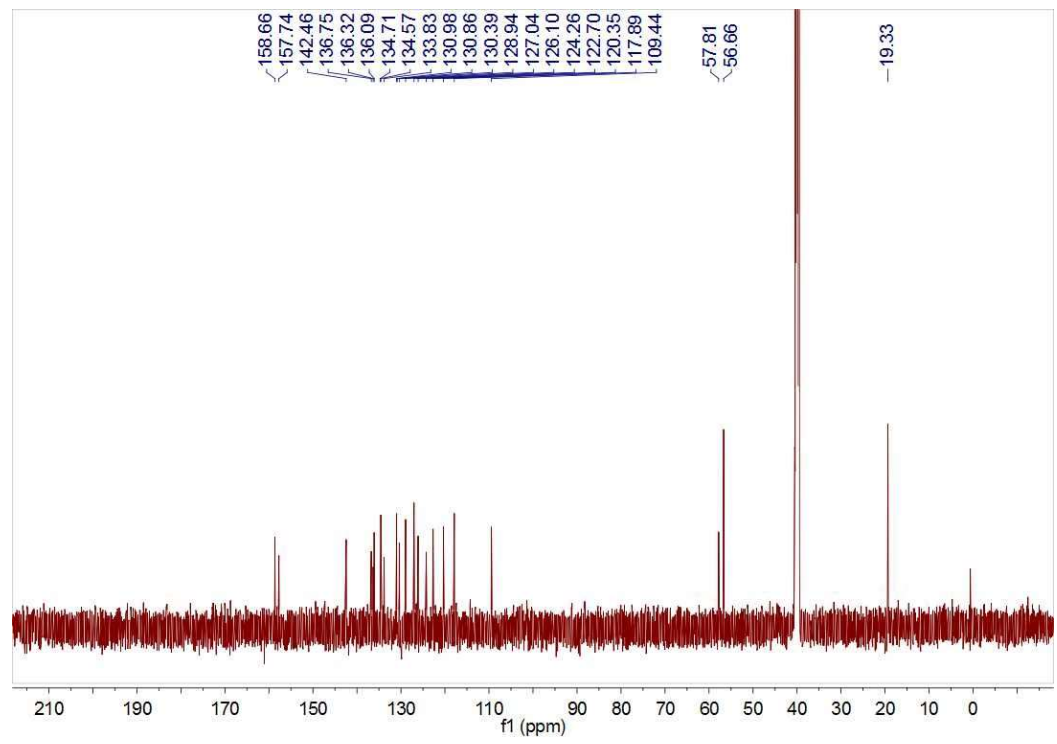
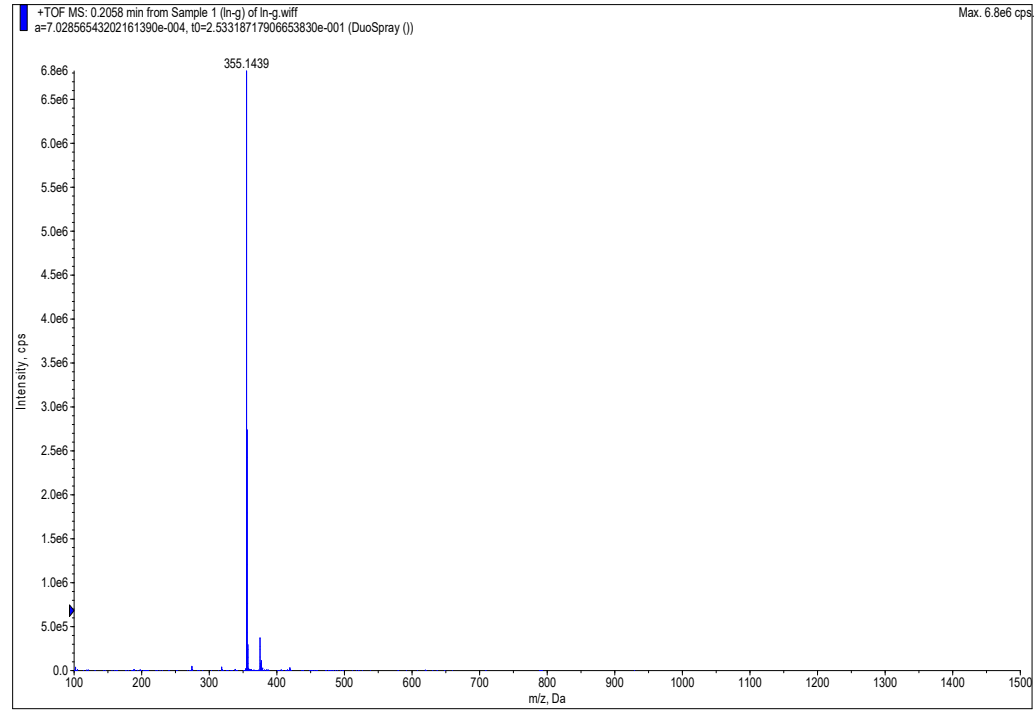


Figure S7. The NMR, HRMS and HPLC spectra of compound **6f**.







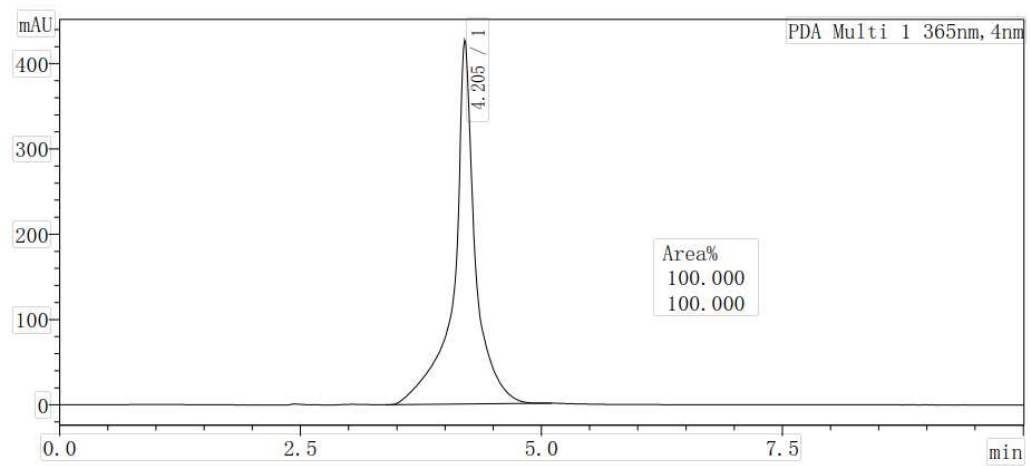
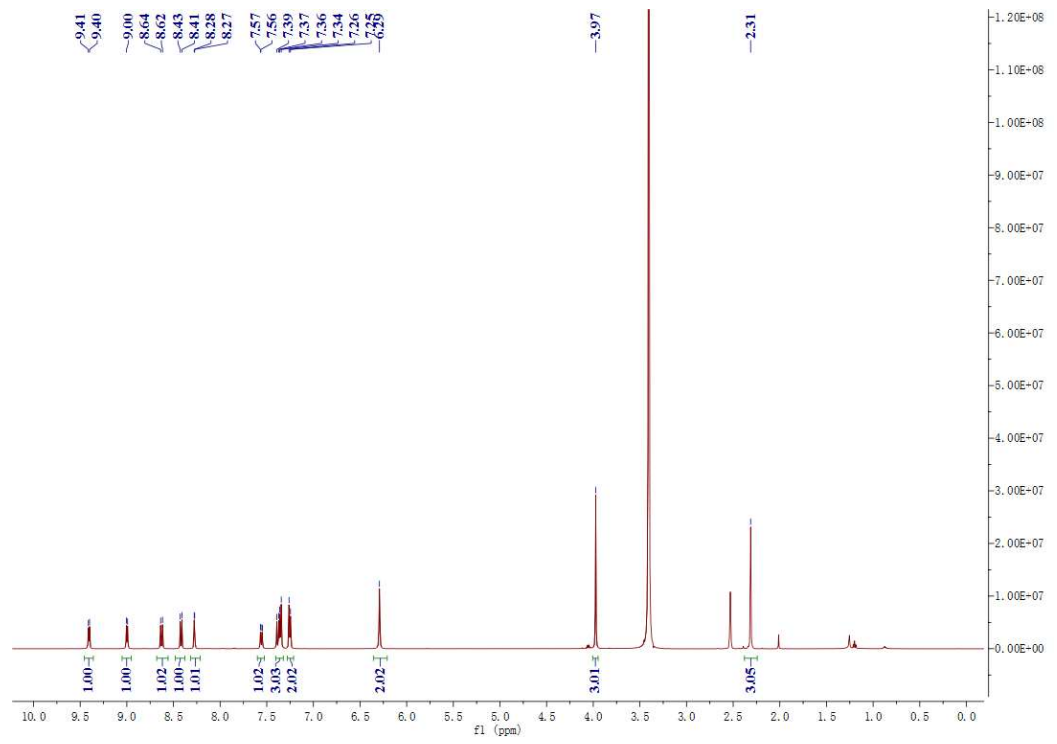
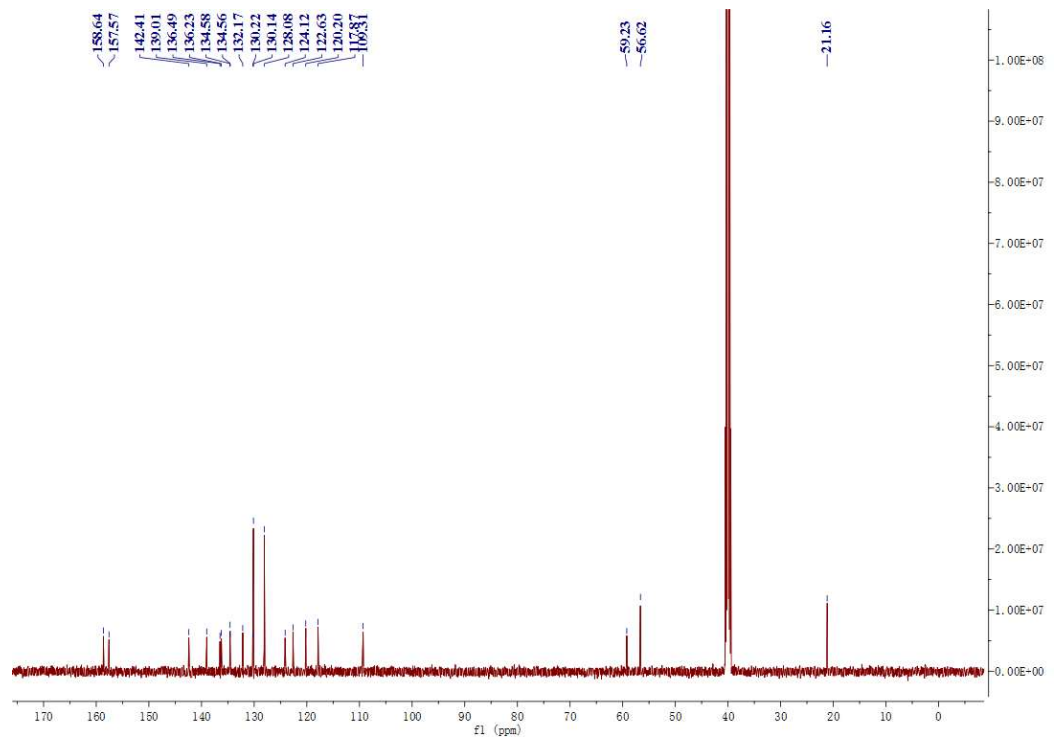
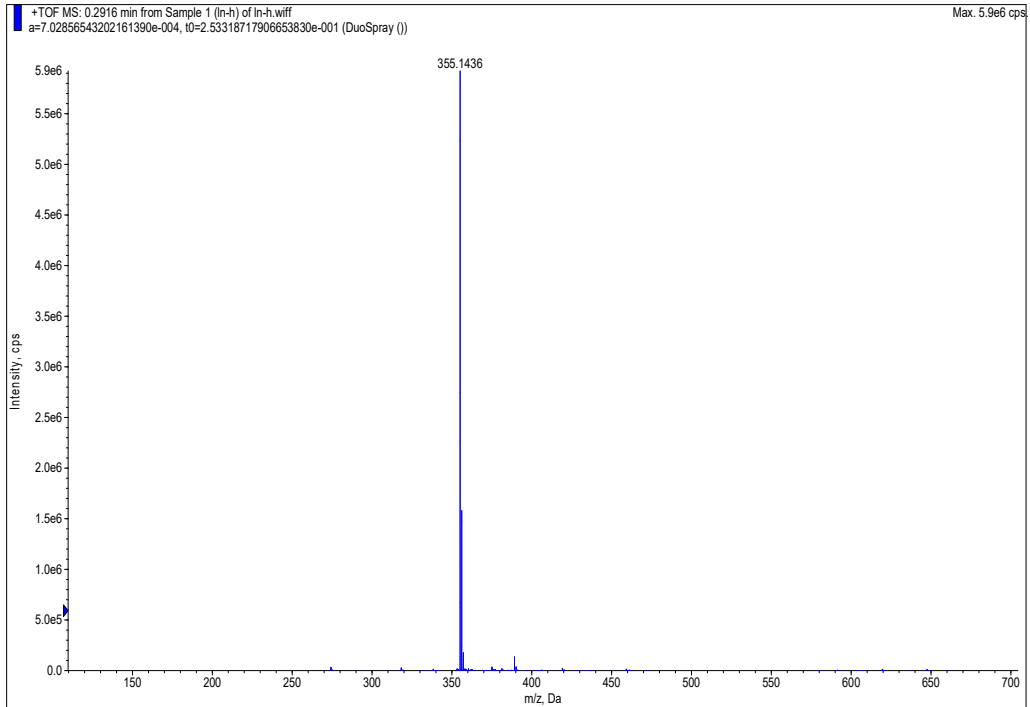


Figure S8. The NMR, HRMS and HPLC spectra of compound **6g**.







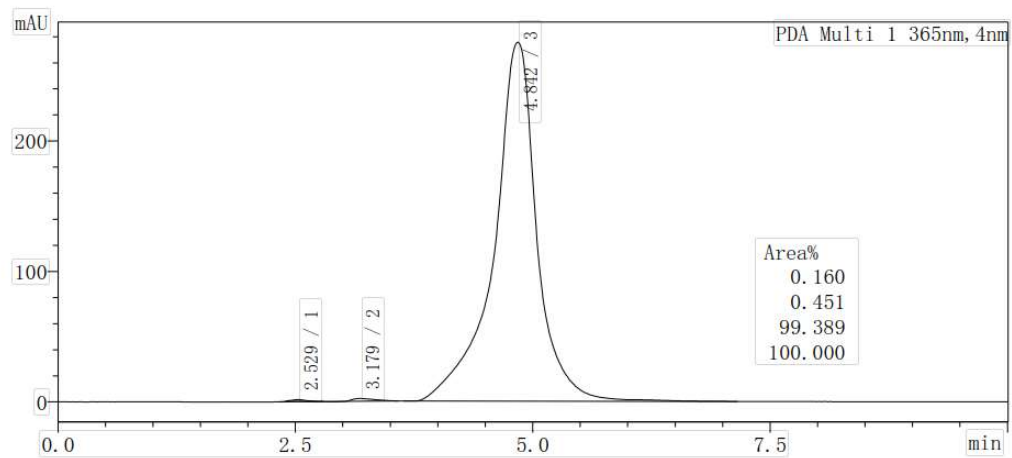
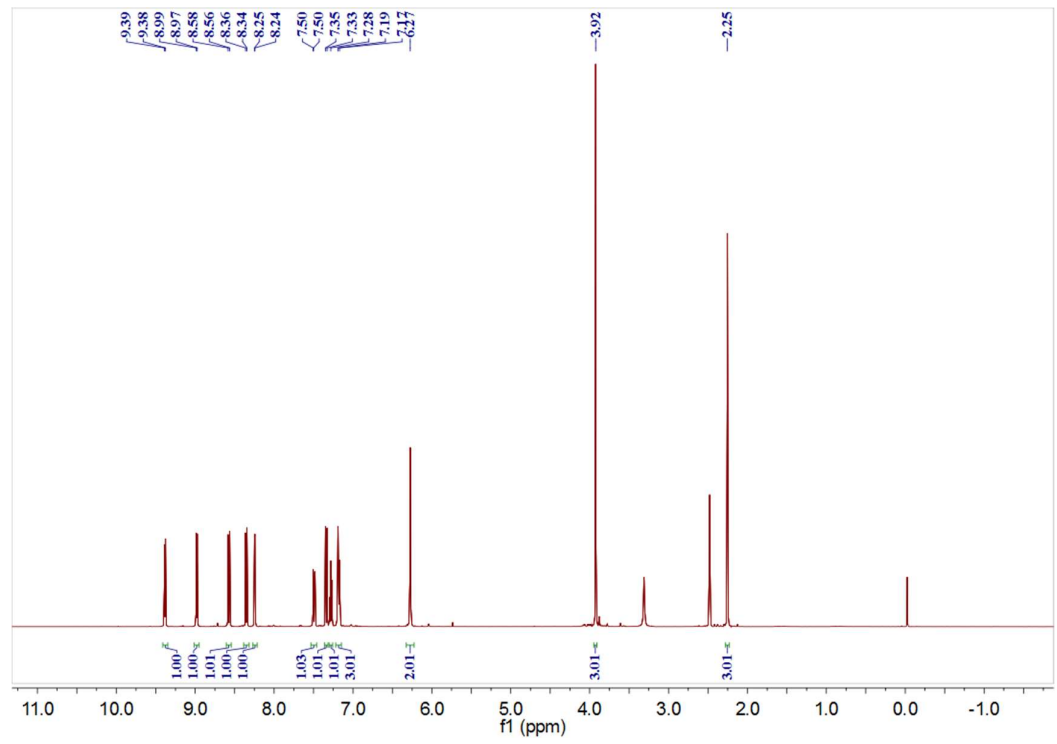
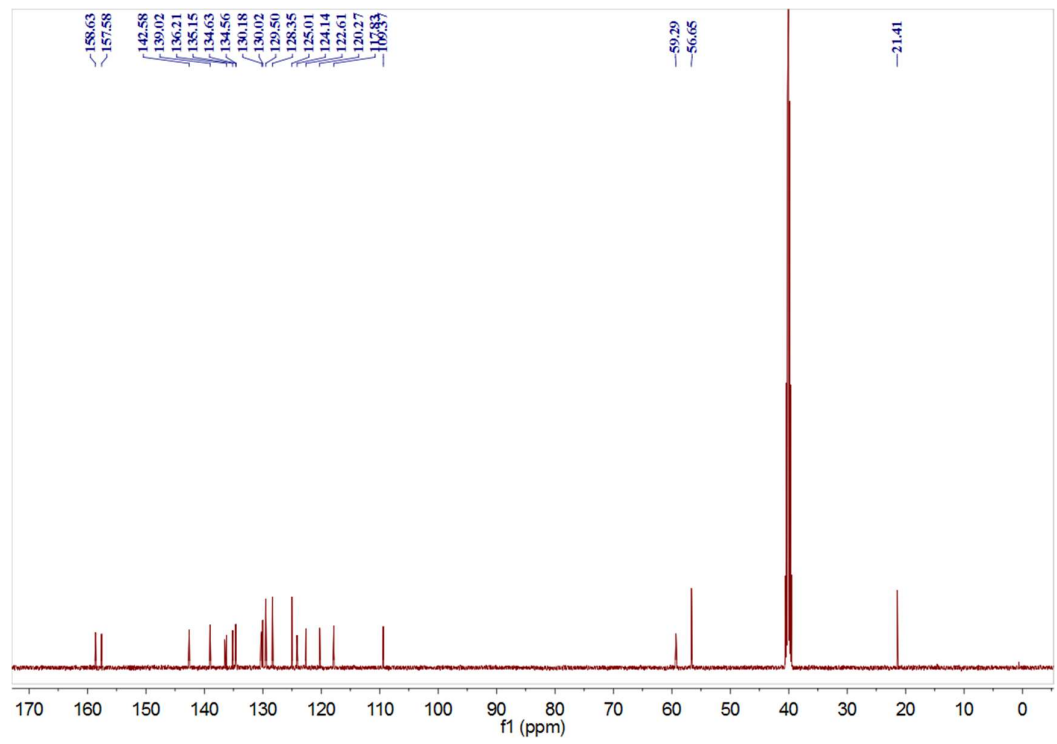
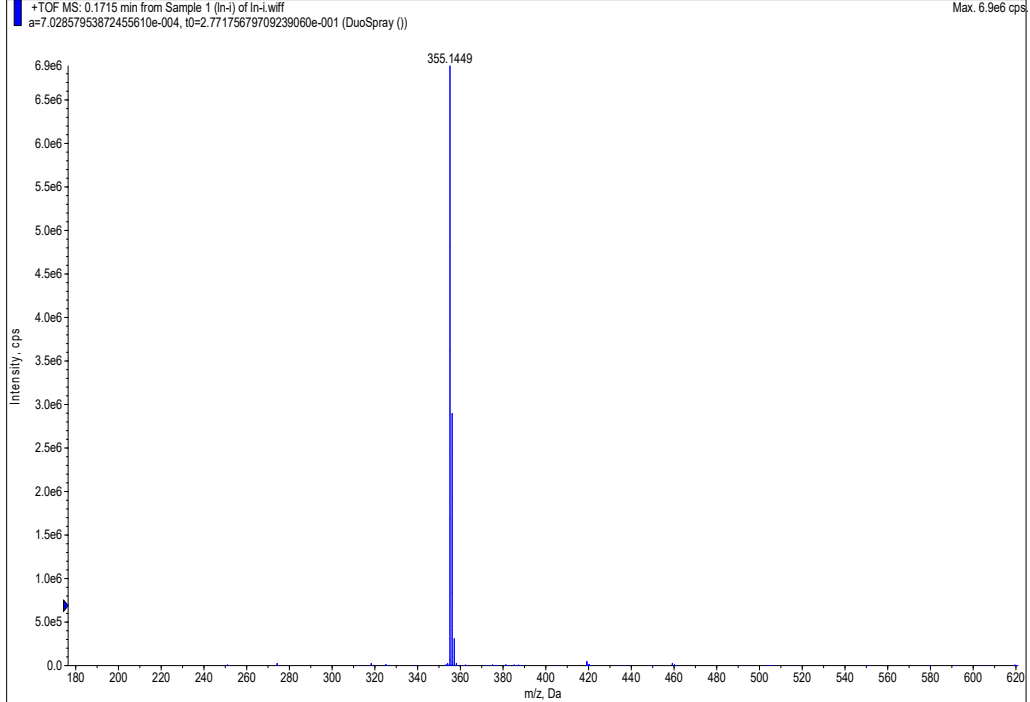


Figure S9. The NMR, HRMS and HPLC spectra of compound **6h**.







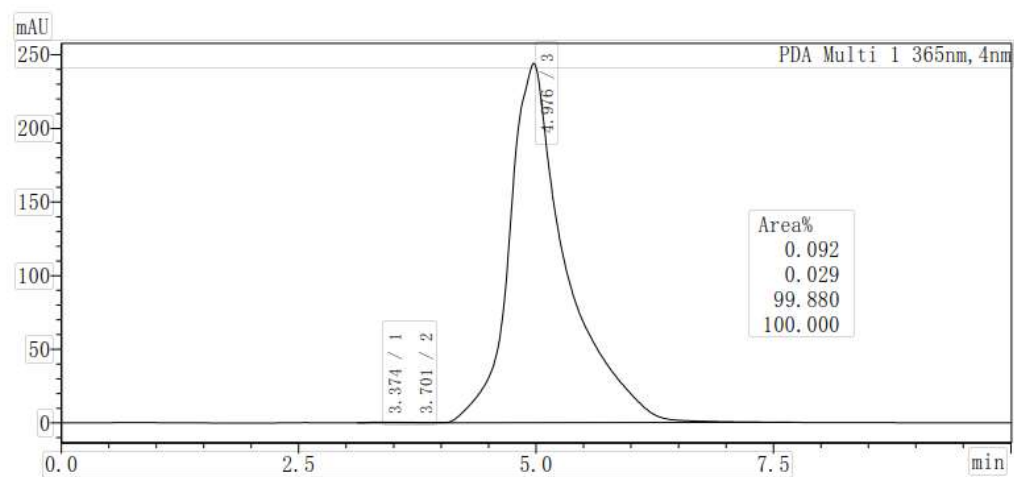
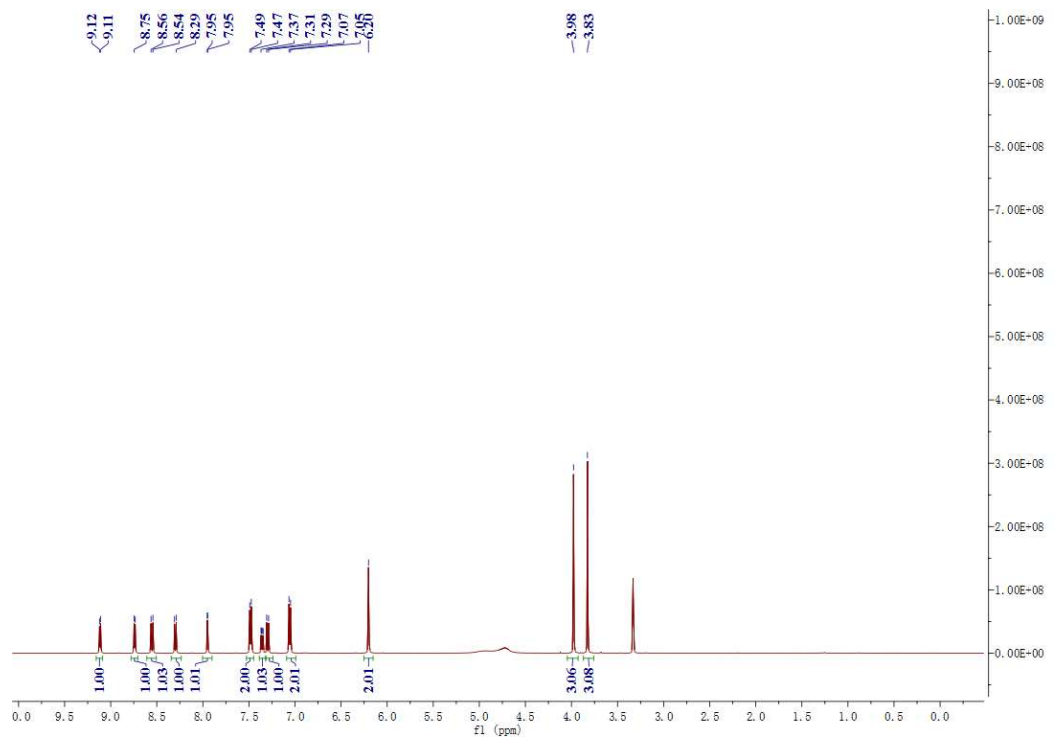
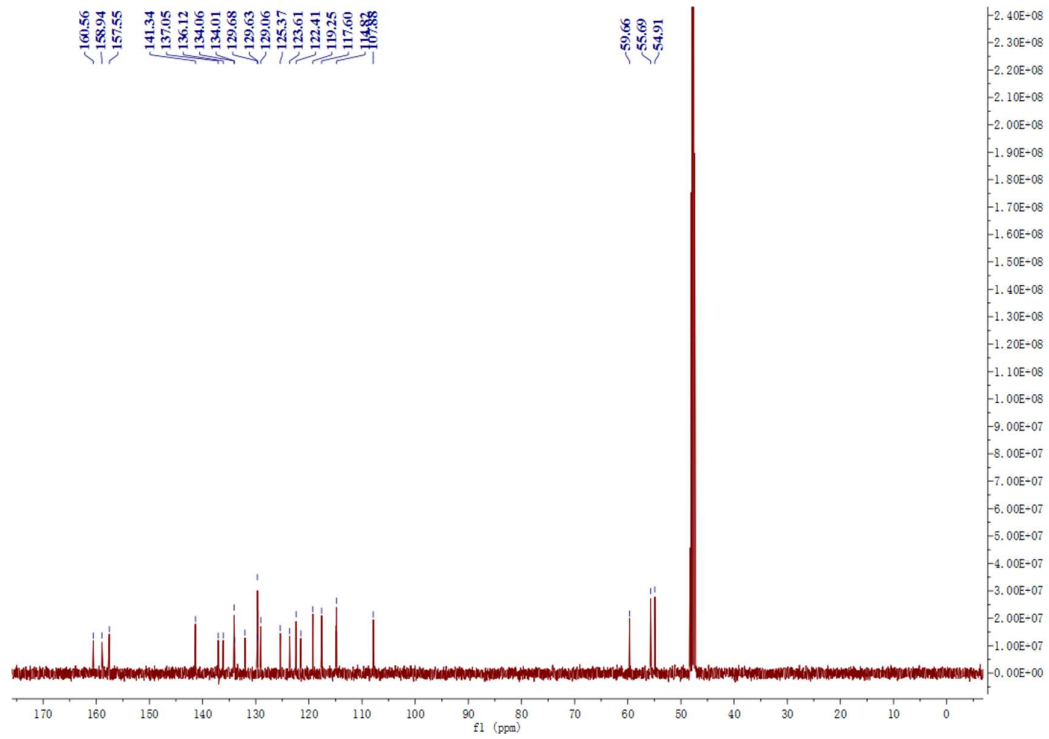
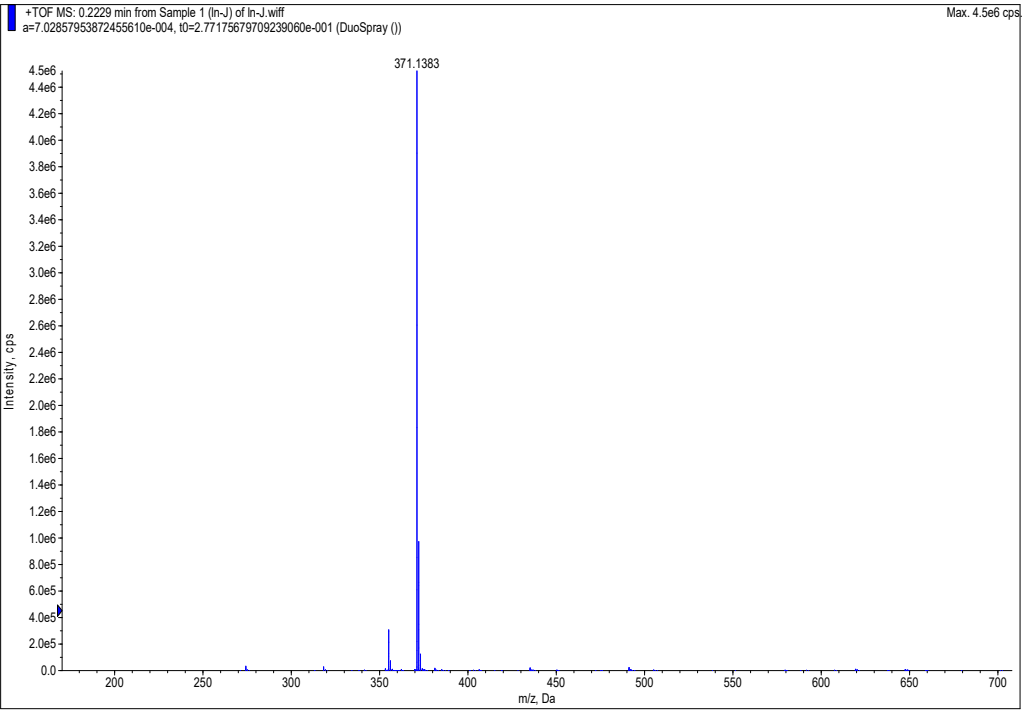


Figure S10. The NMR, HRMS and HPLC spectra of compound **6i**.







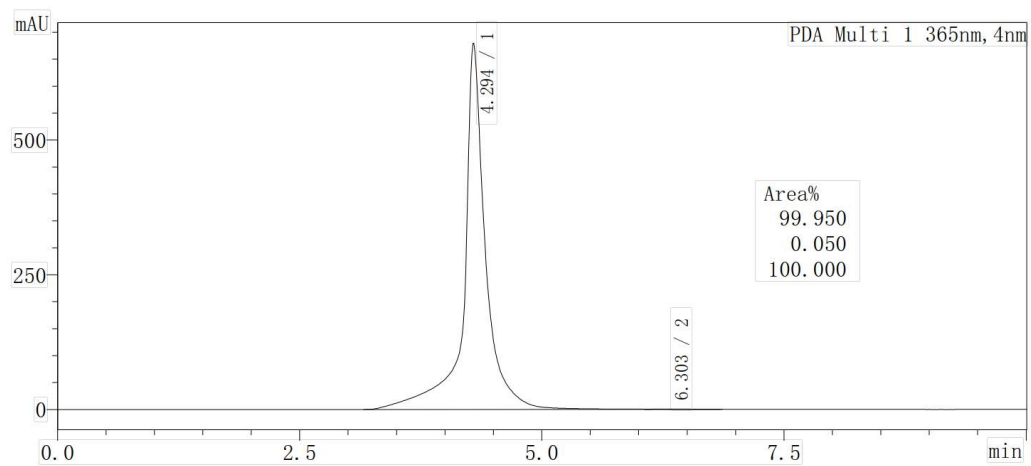
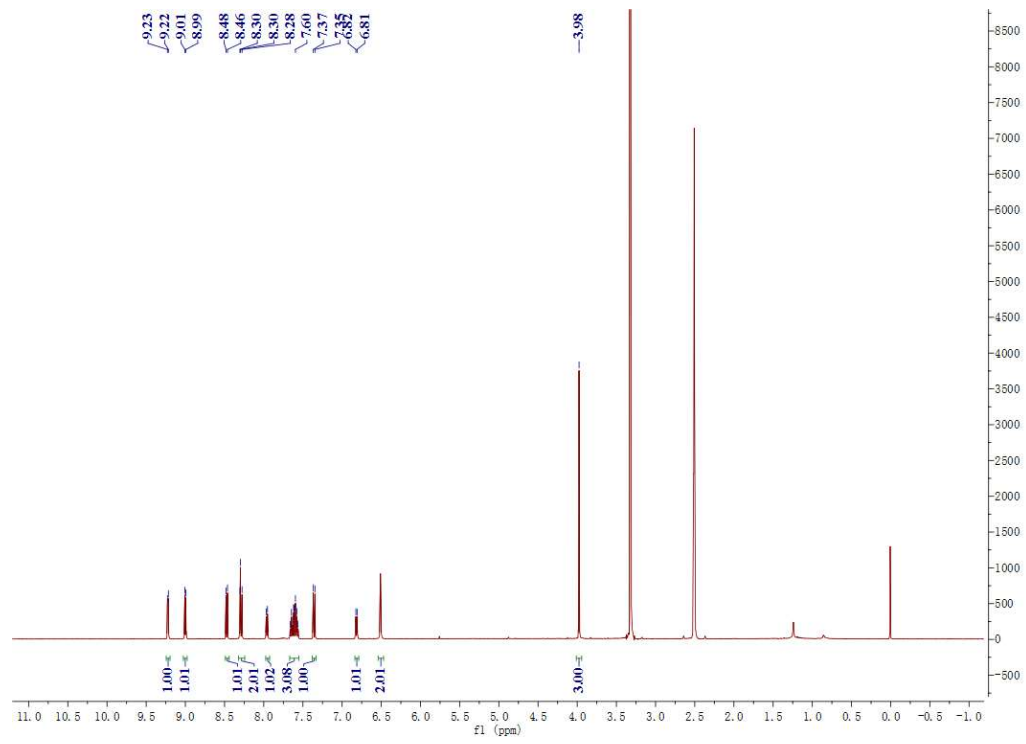
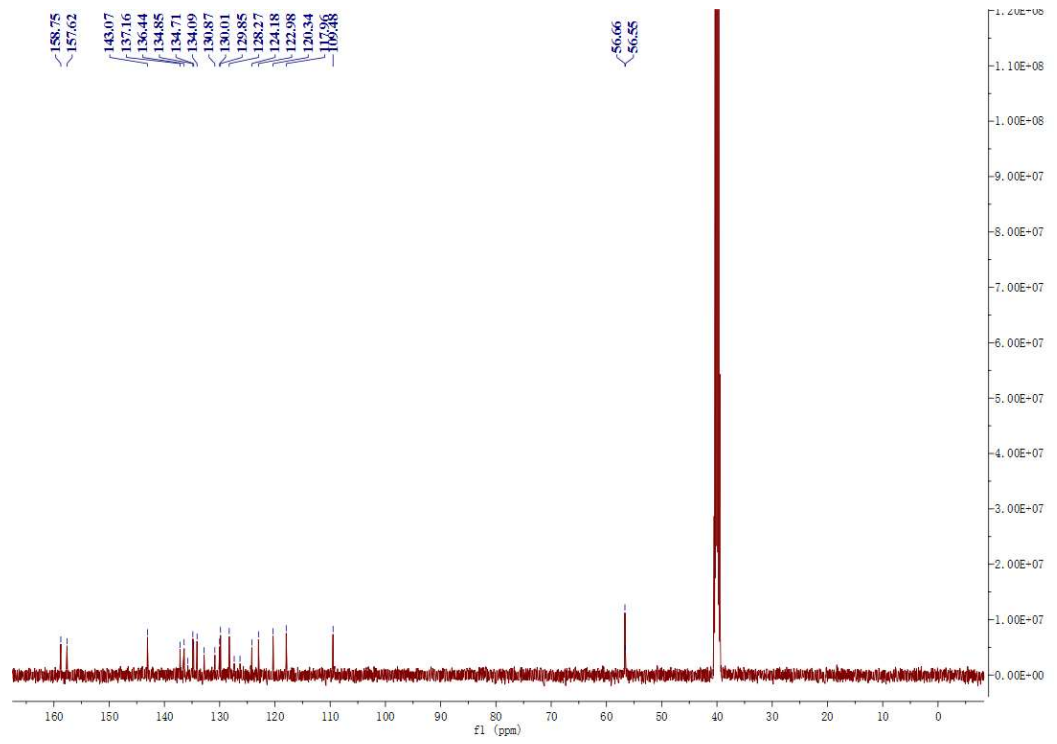
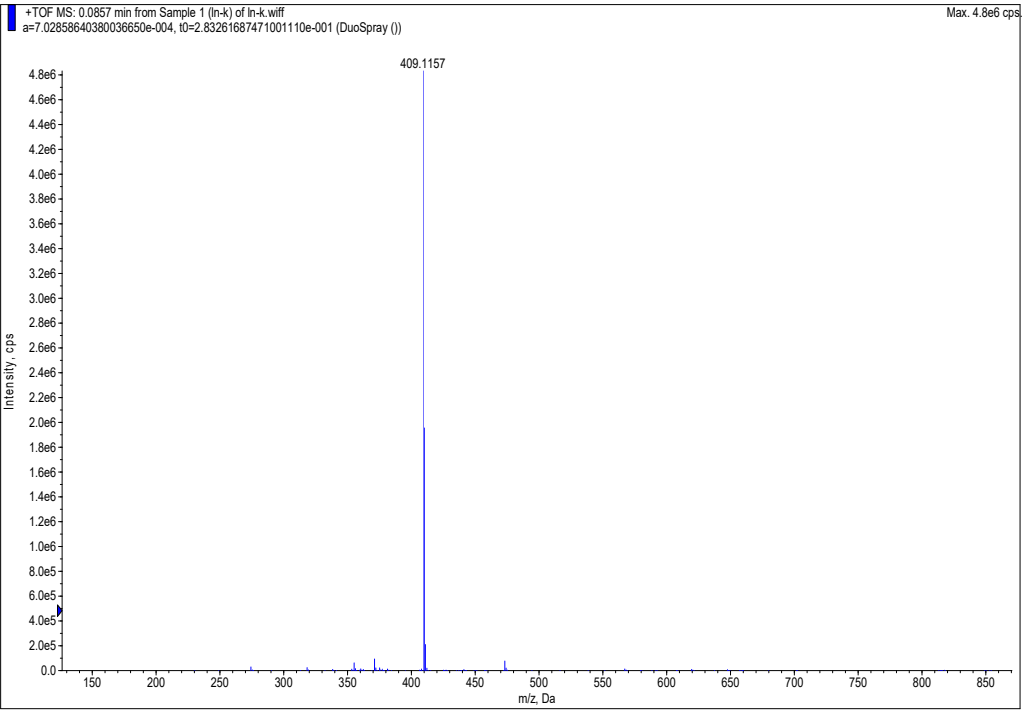


Figure S11. The NMR, HRMS and HPLC spectra of compound **6j**.







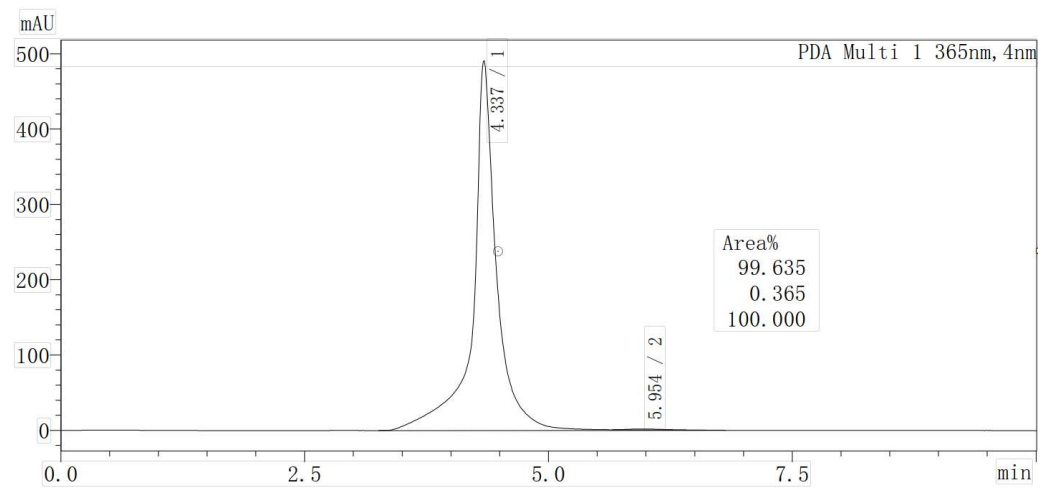
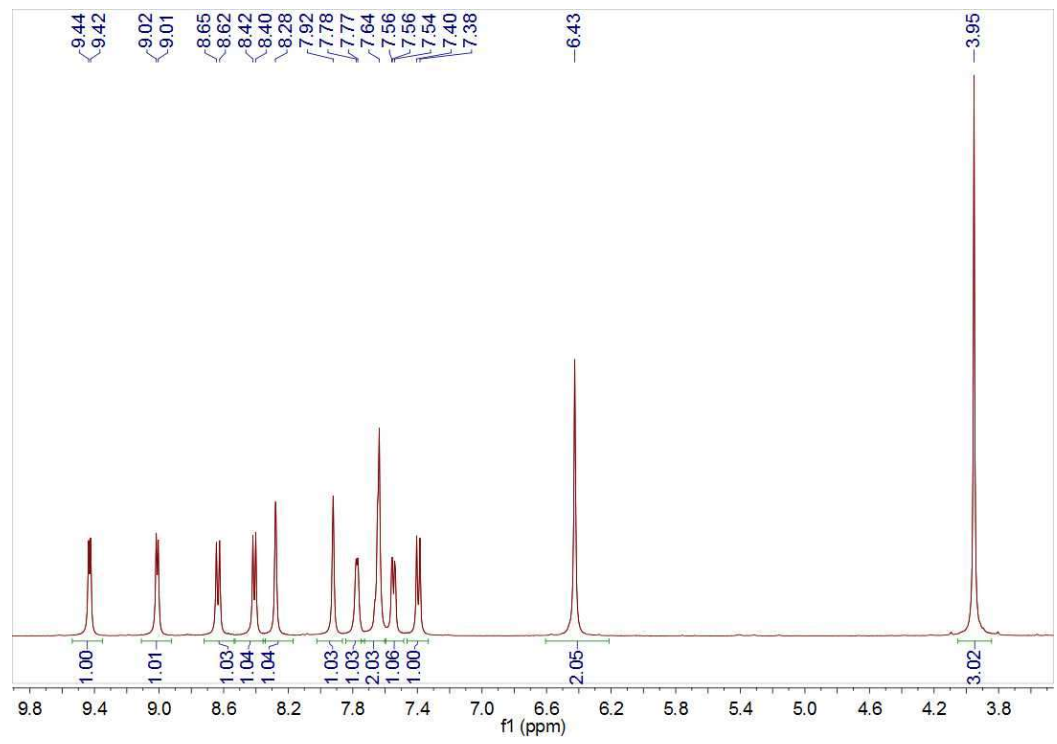
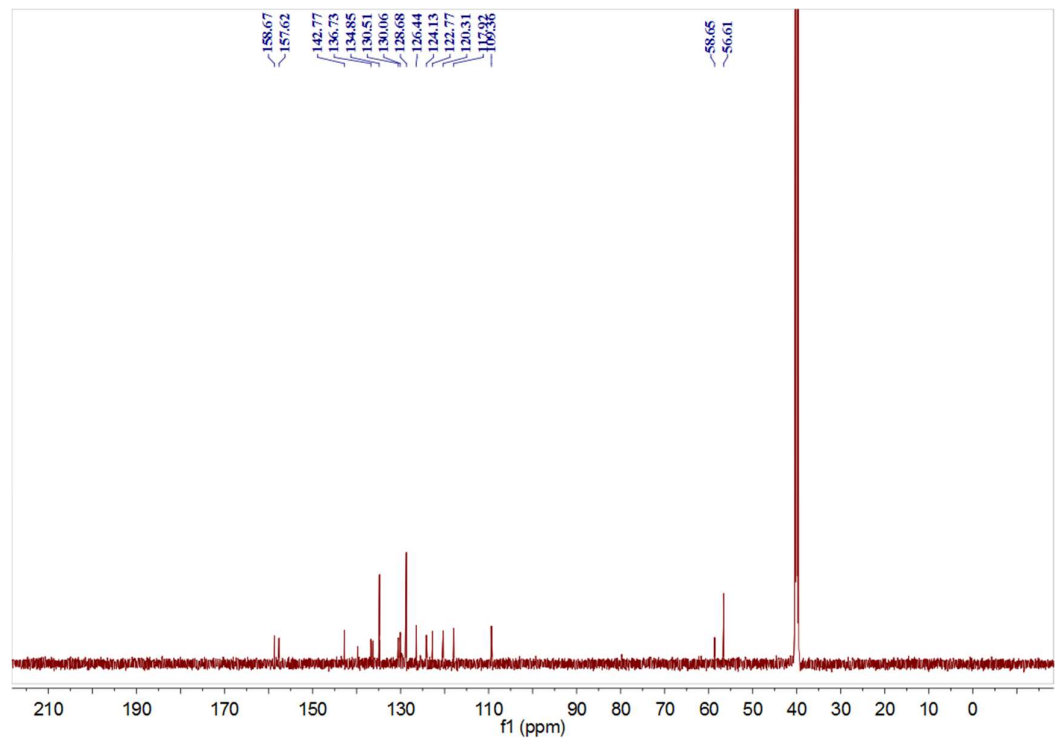
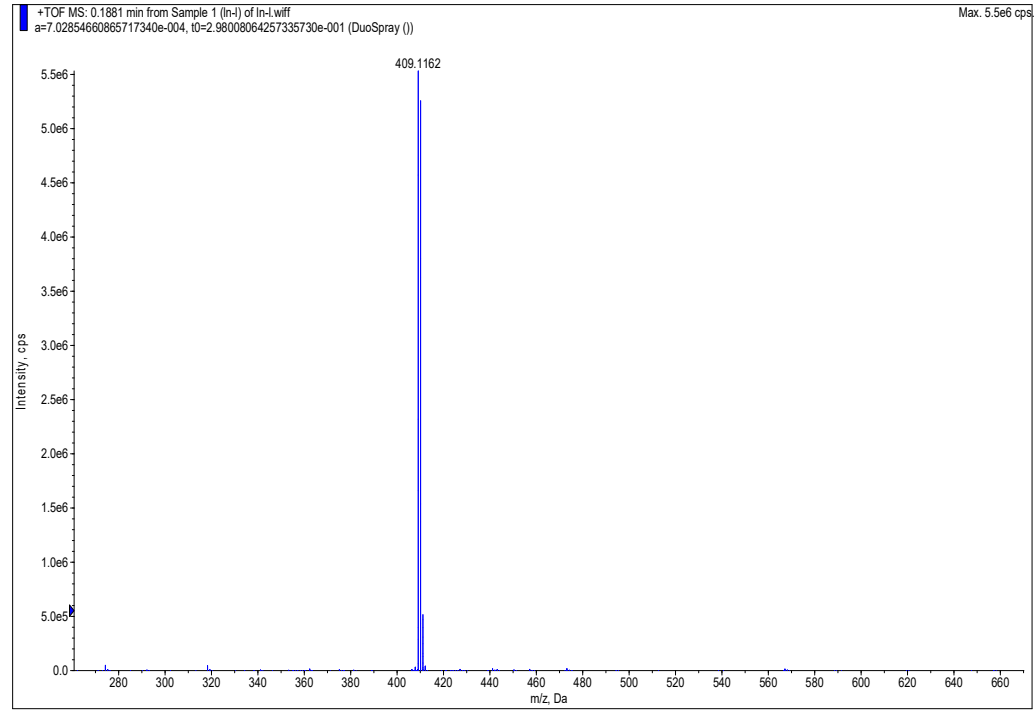


Figure S12. The NMR, HRMS and HPLC spectra of compound **6k**.







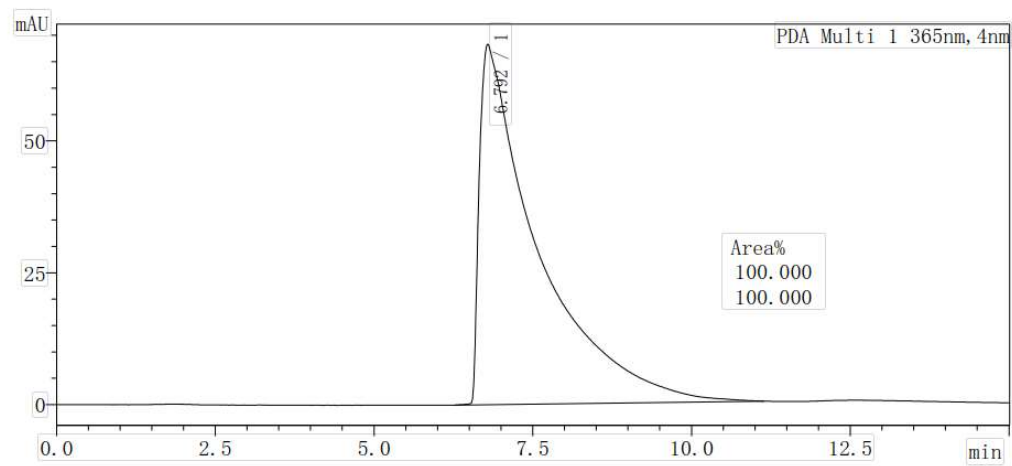
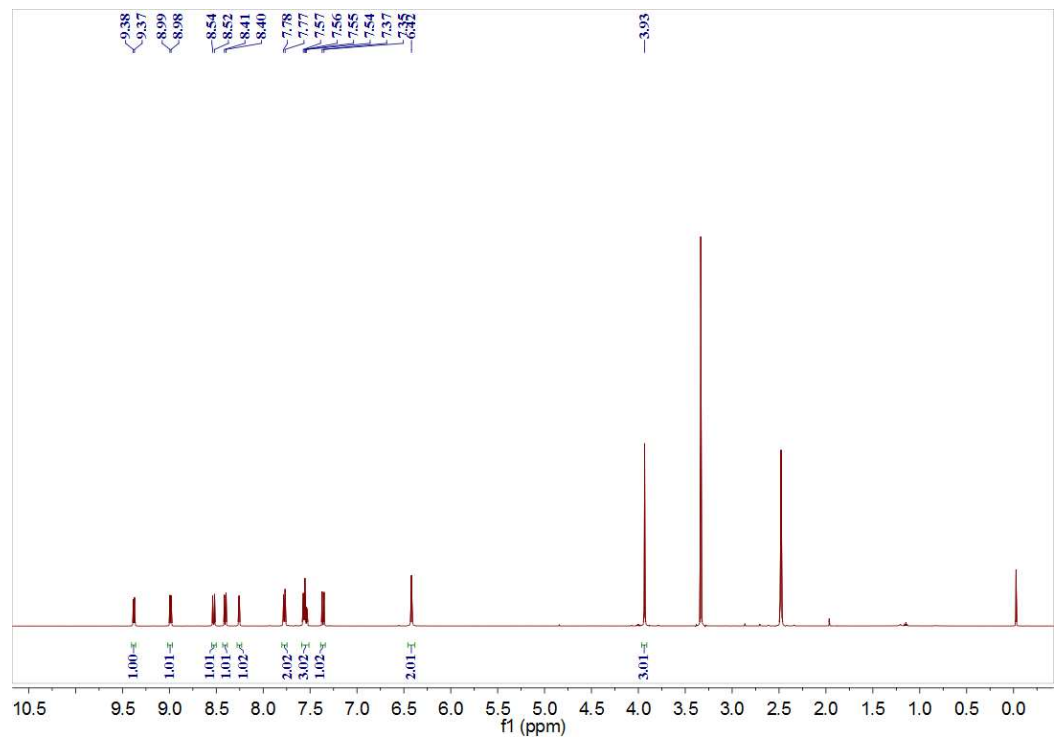
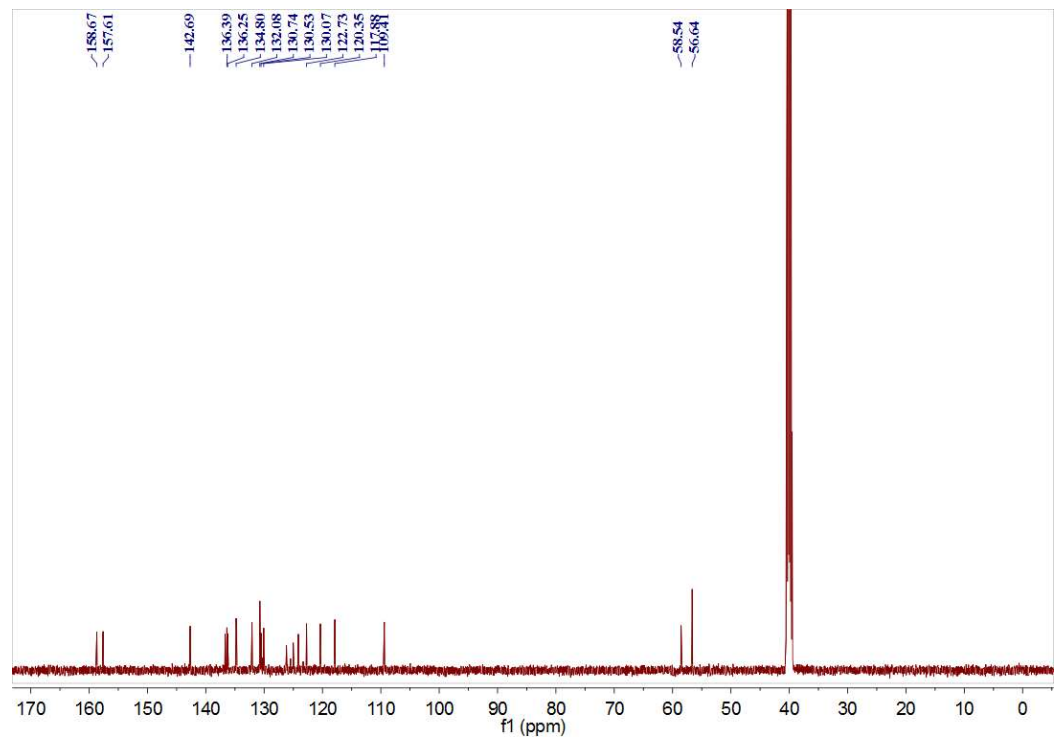
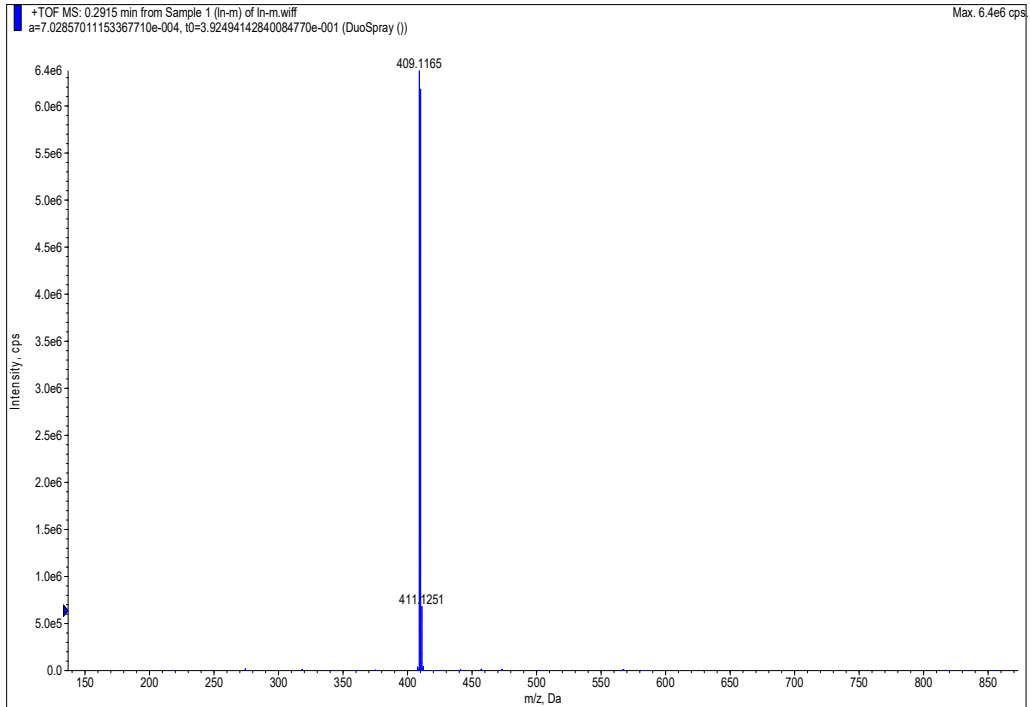


Figure S13. The NMR, HRMS and HPLC spectra of compound **61**.







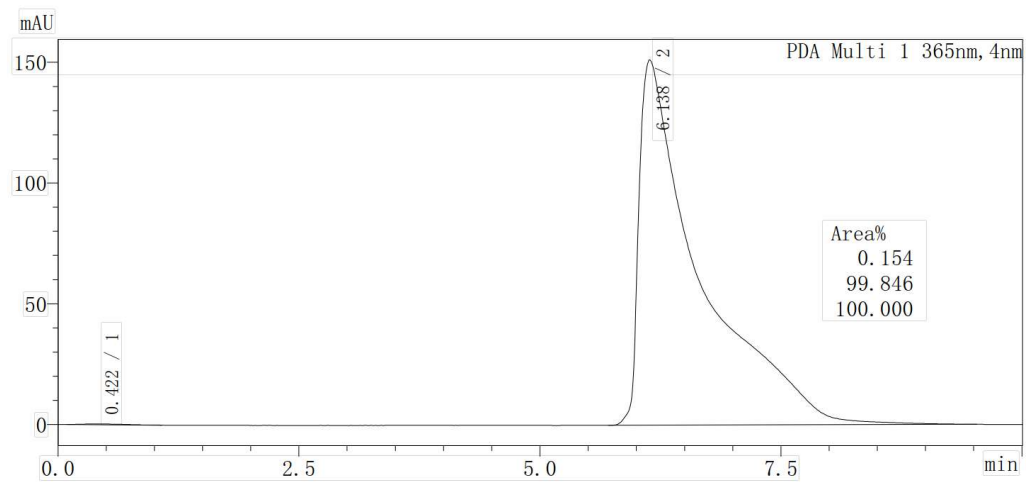
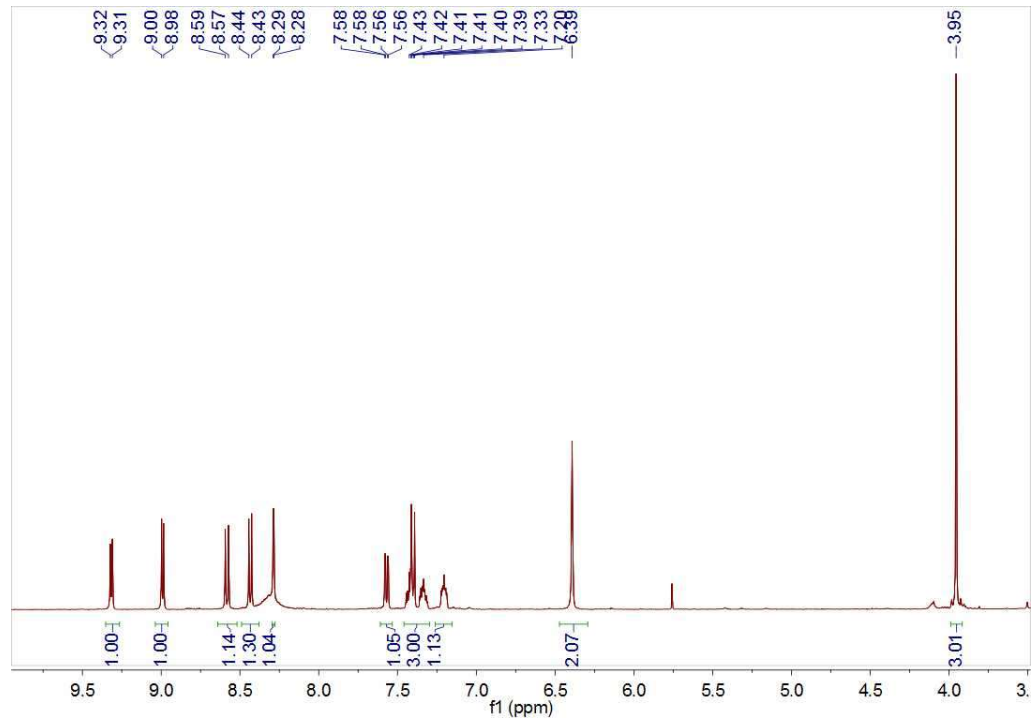
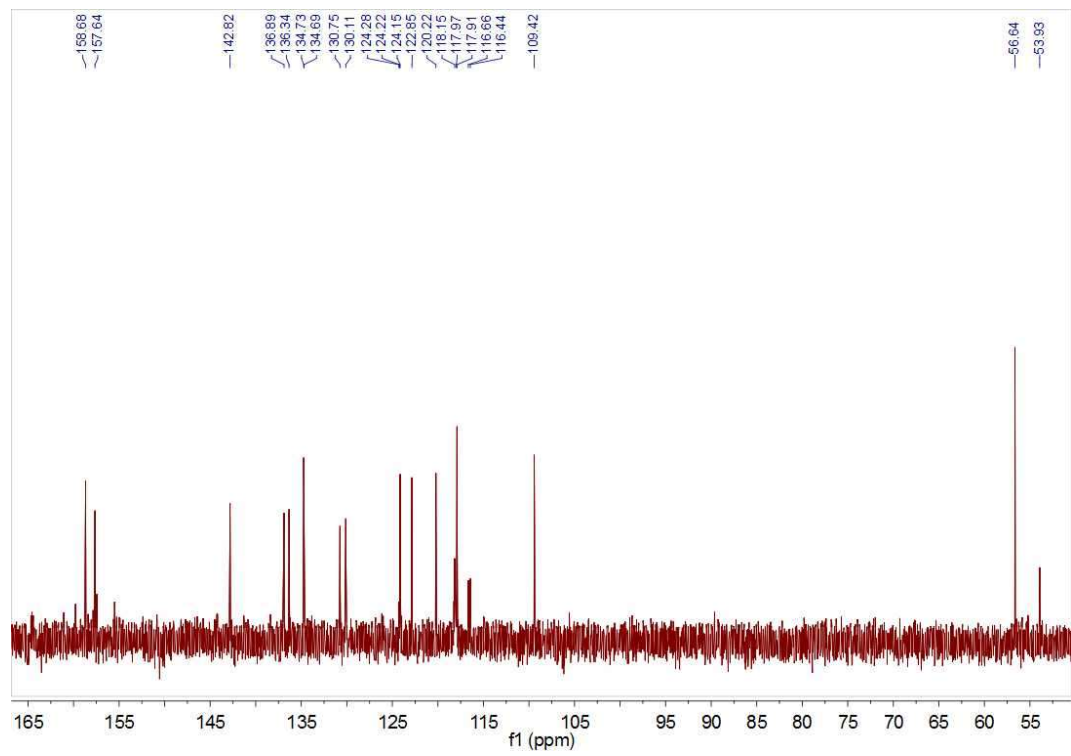
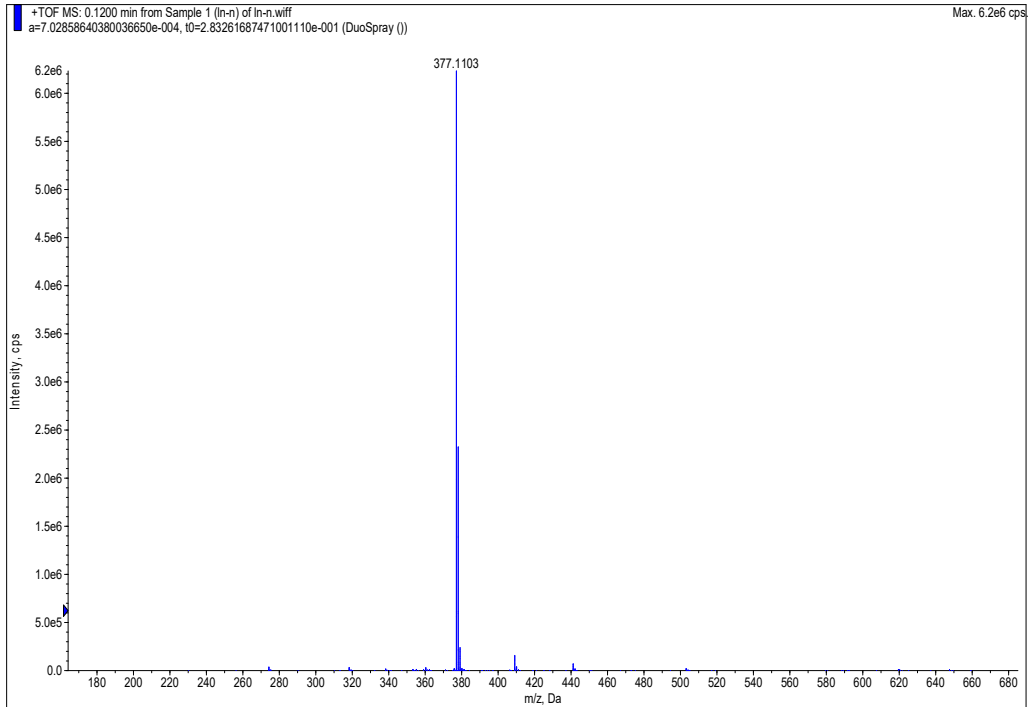


Figure S14. The NMR, HRMS and HPLC spectra of compound **6m**.







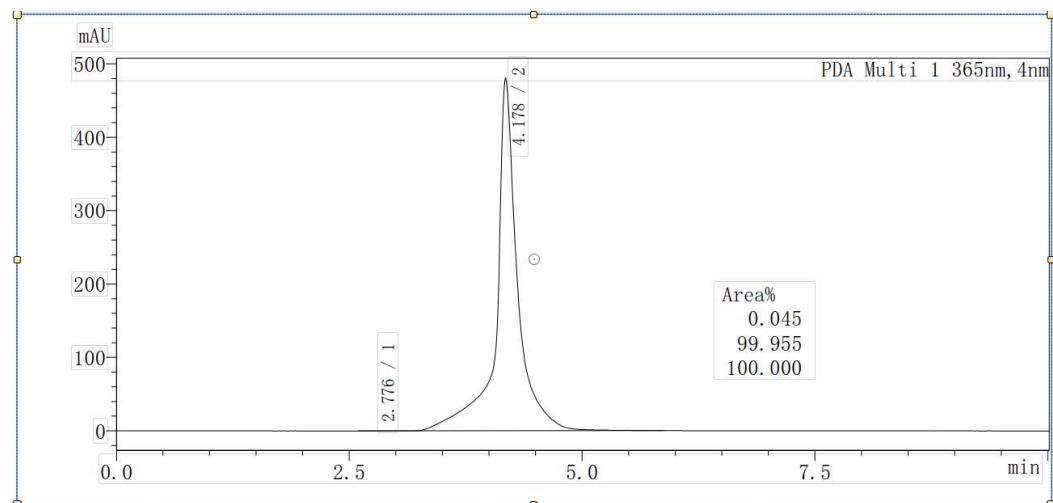
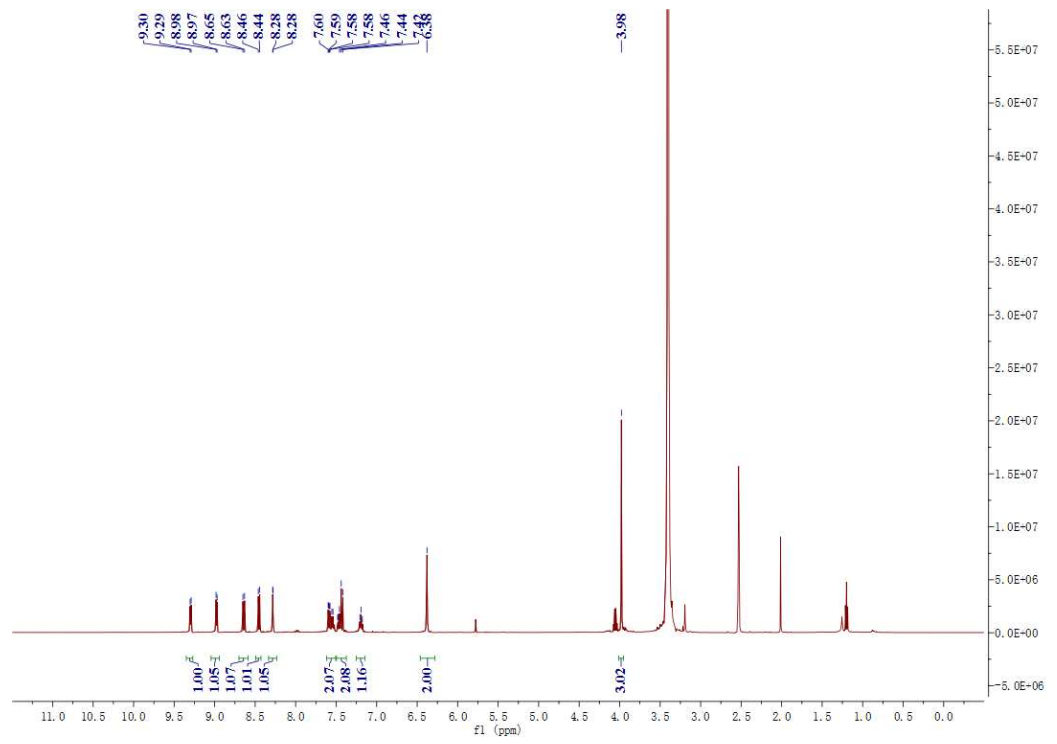
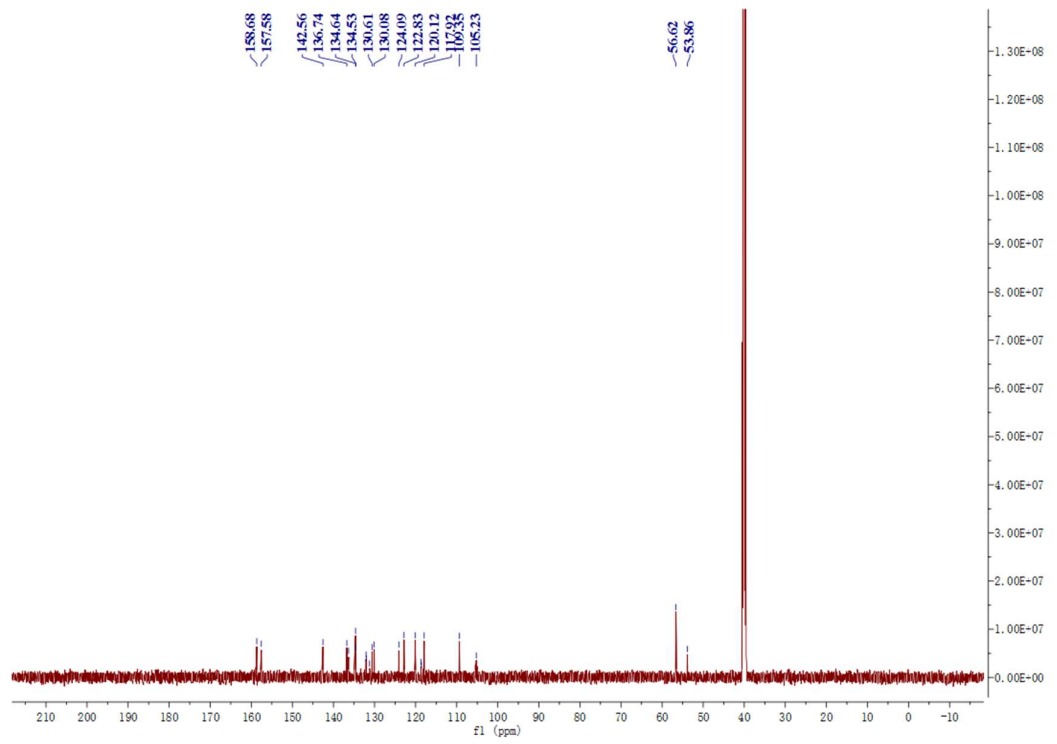
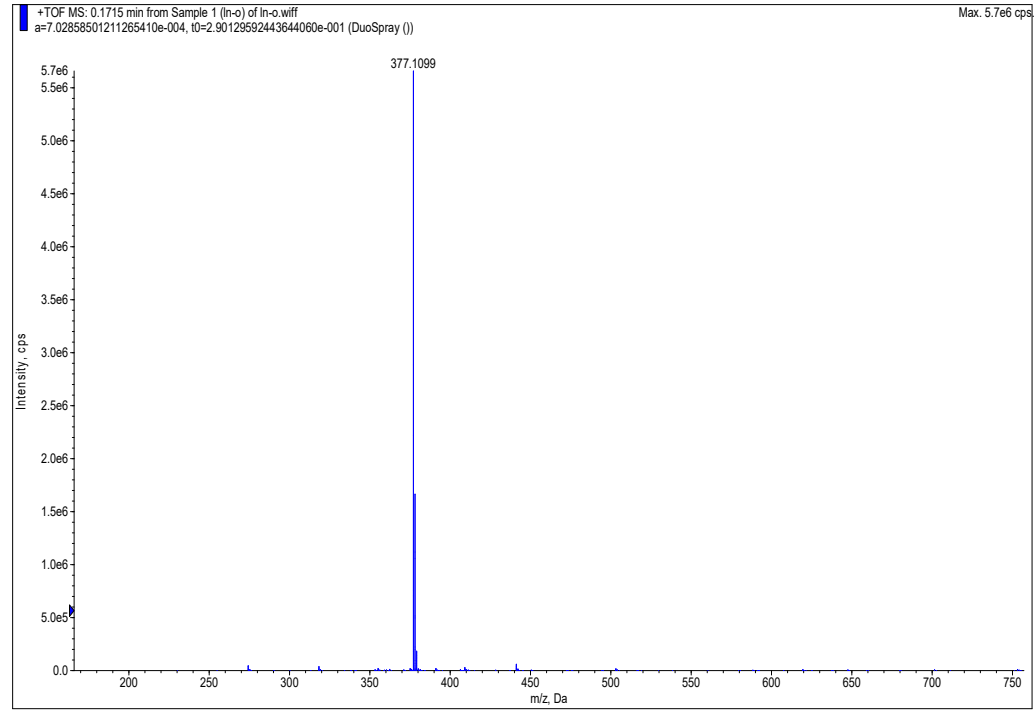


Figure S15. The NMR, HRMS and HPLC spectra of compound **6n**.







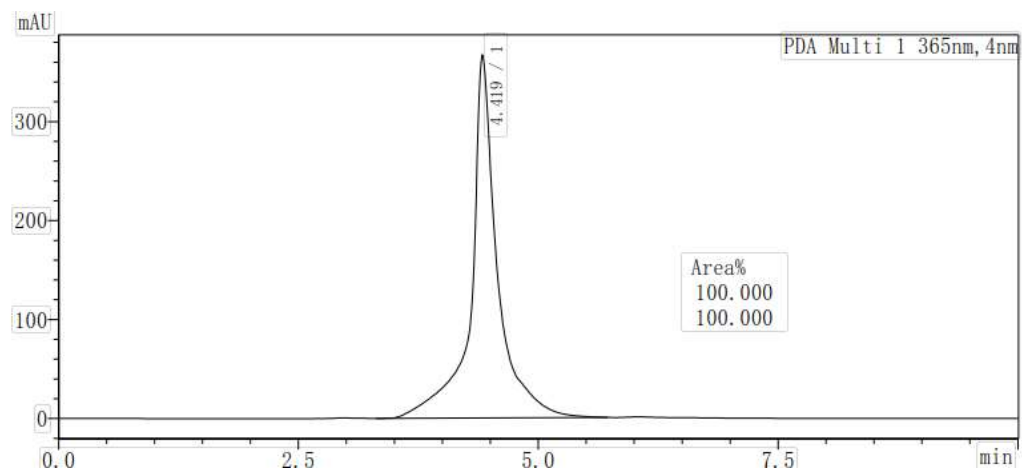
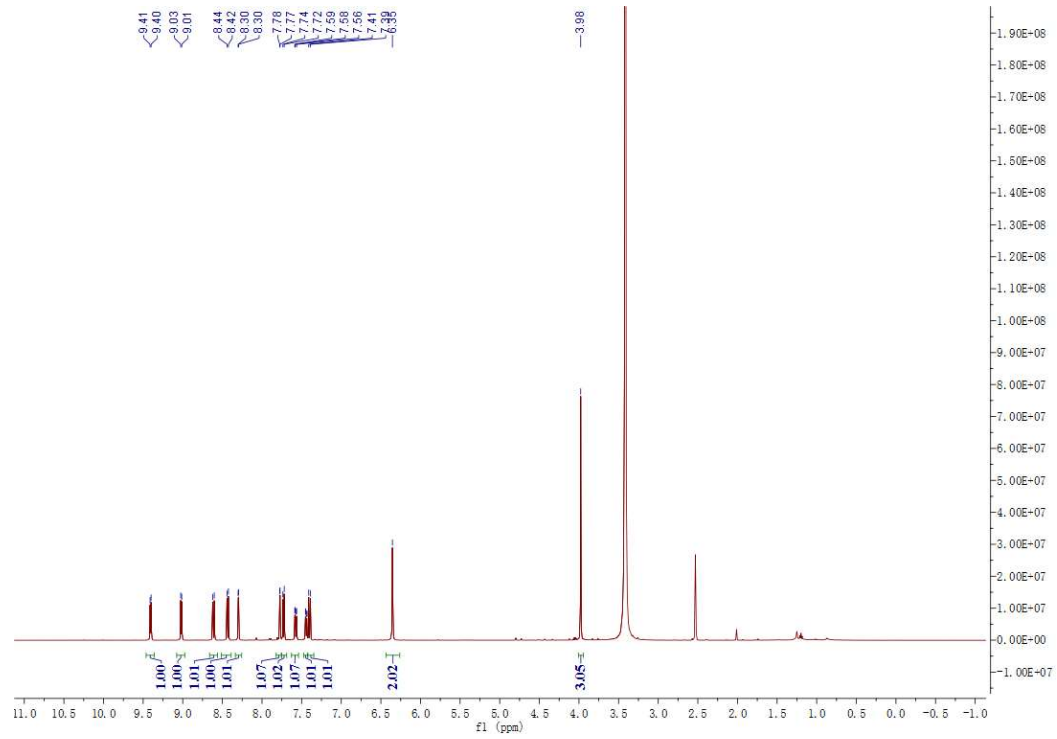
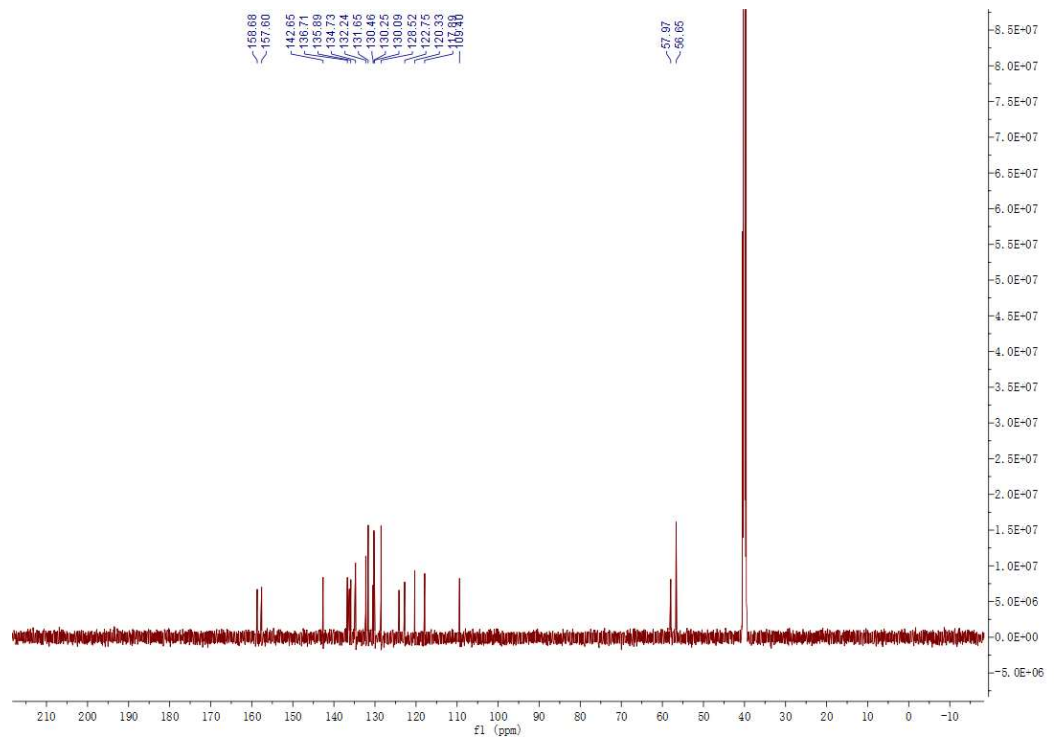
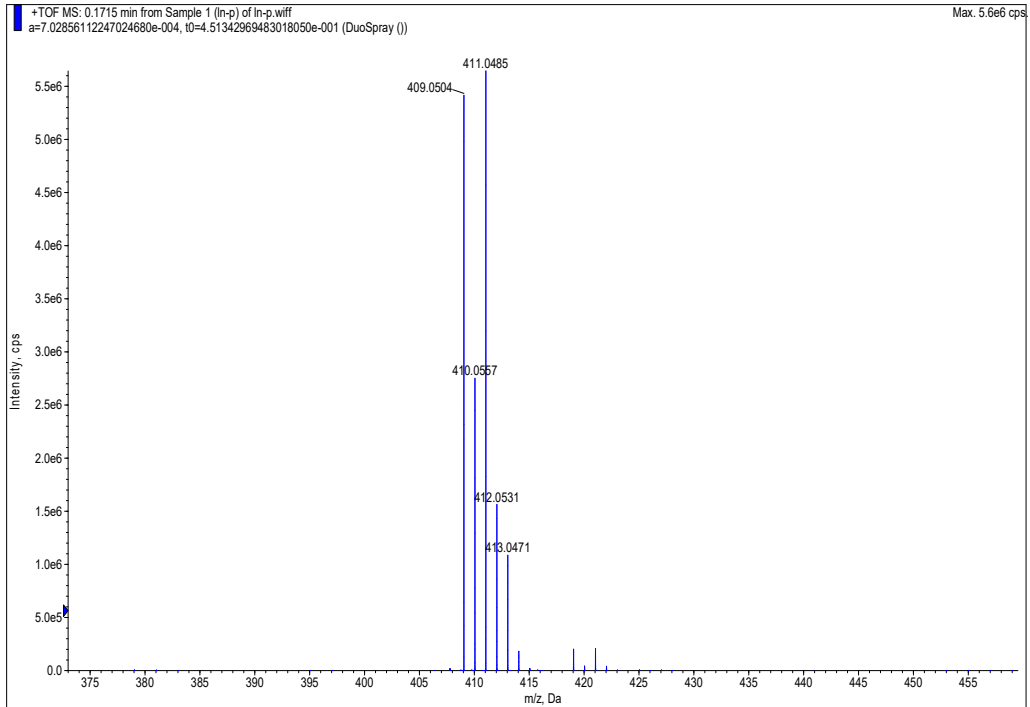


Figure S16. The NMR, HRMS and HPLC spectra of compound **60**.







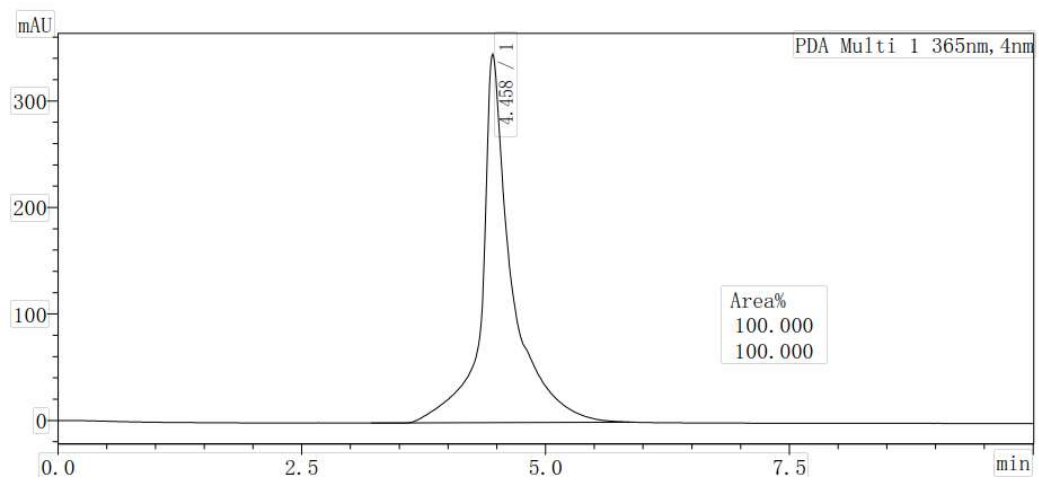
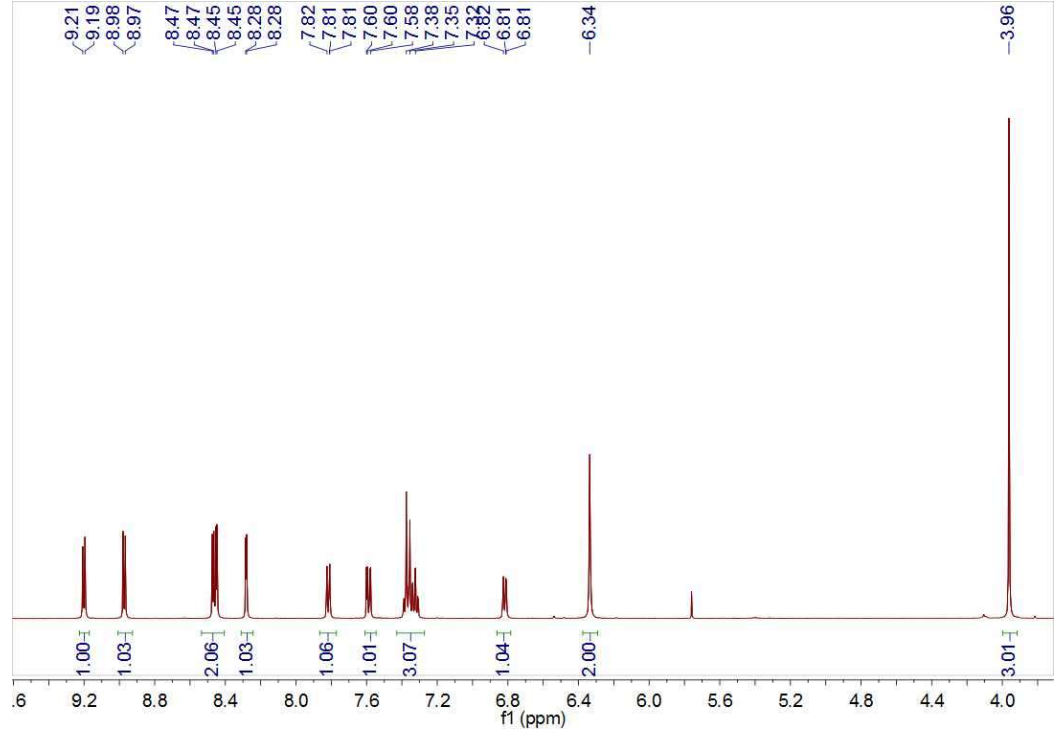
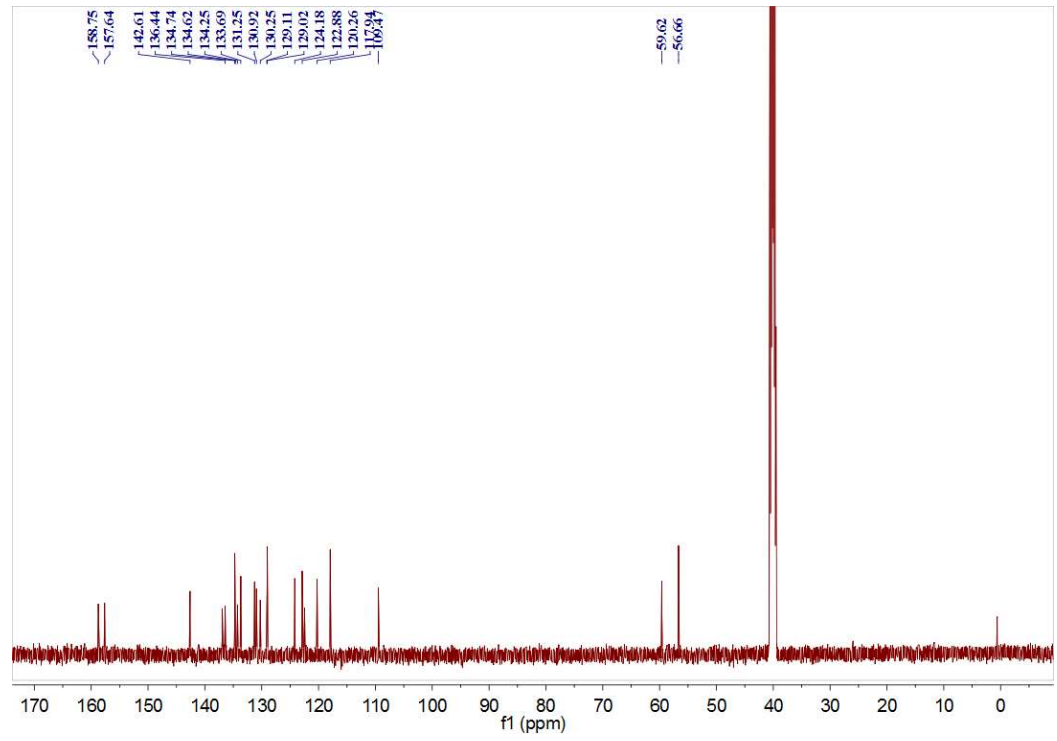
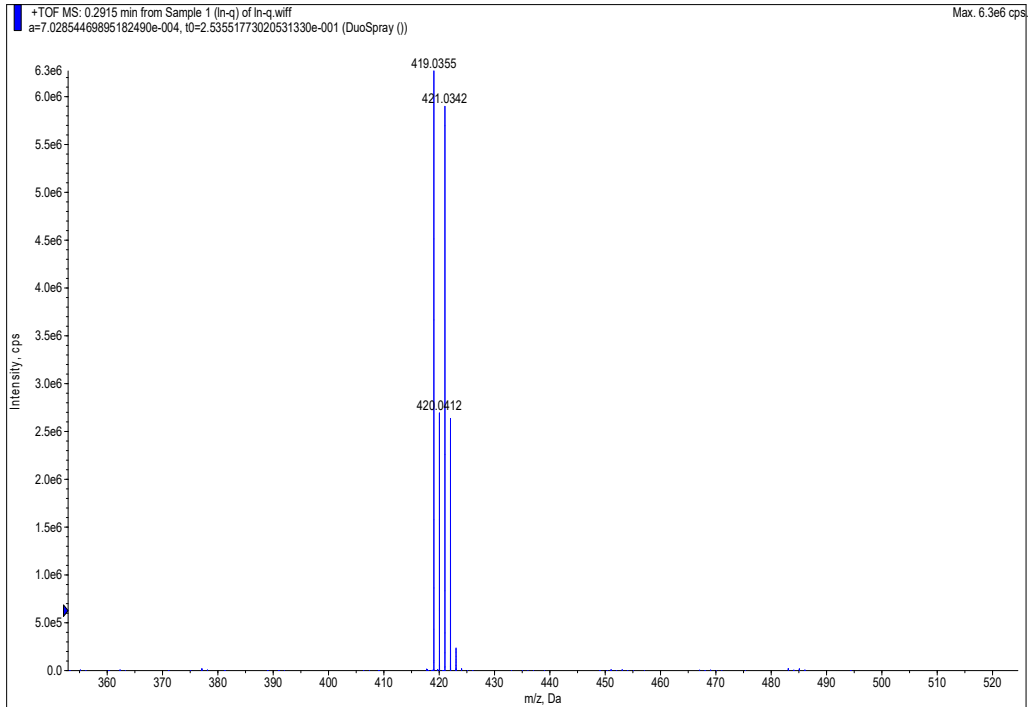


Figure S17. The NMR, HRMS and HPLC spectra of compound **6p**.







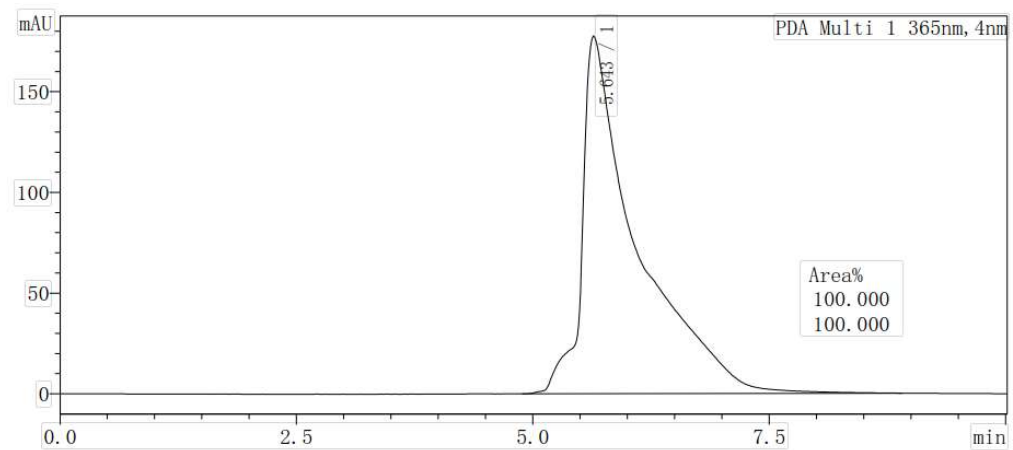
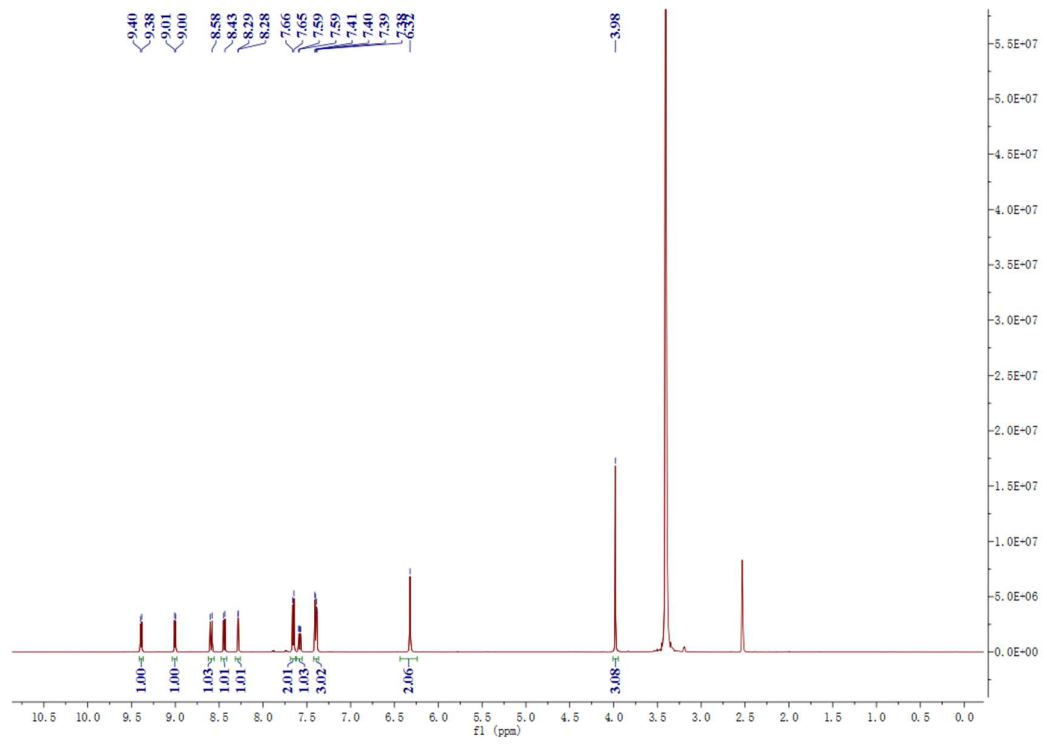
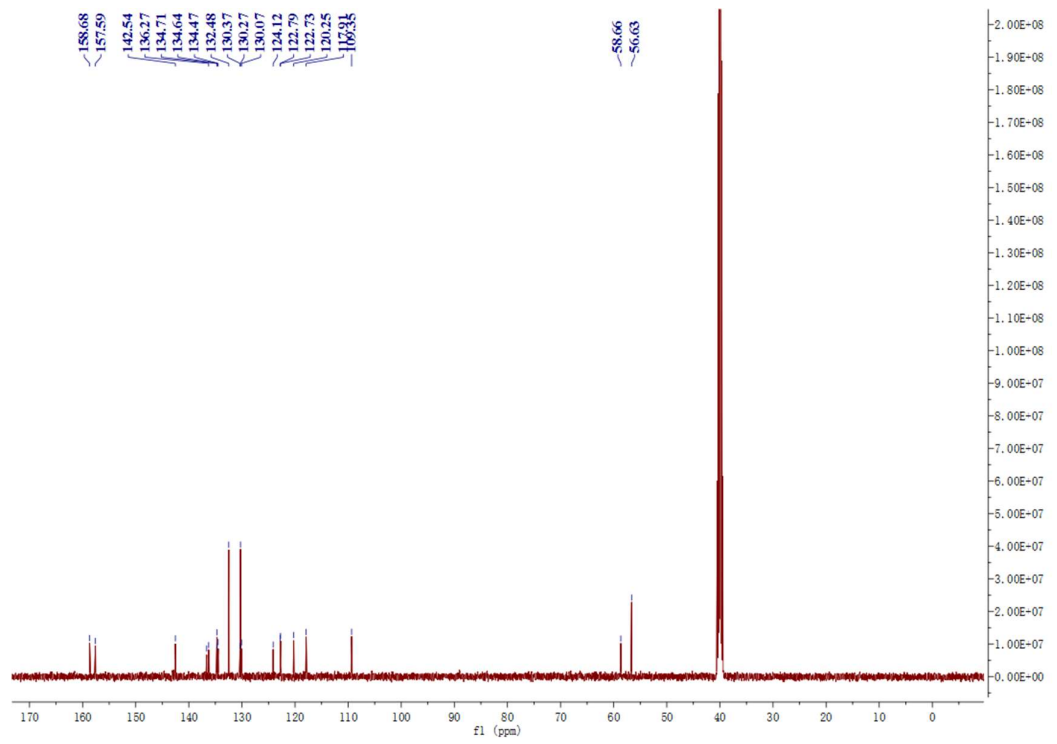
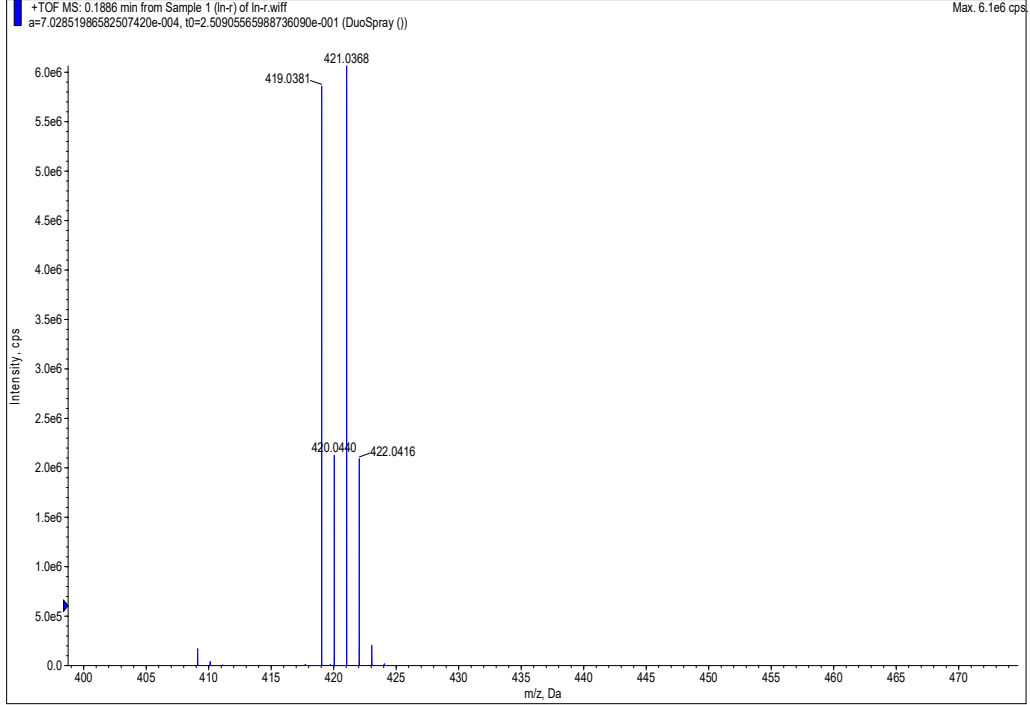


Figure S18. The NMR, HRMS and HPLC spectra of compound **6q**.







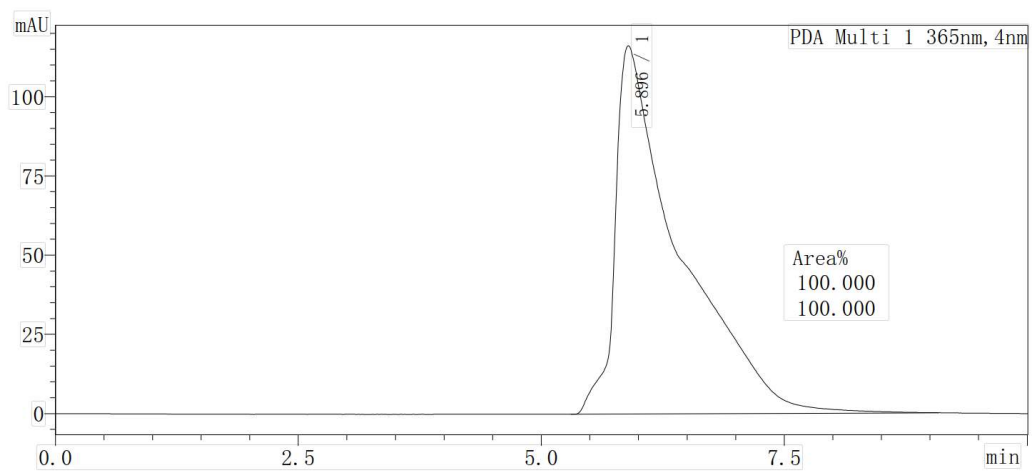
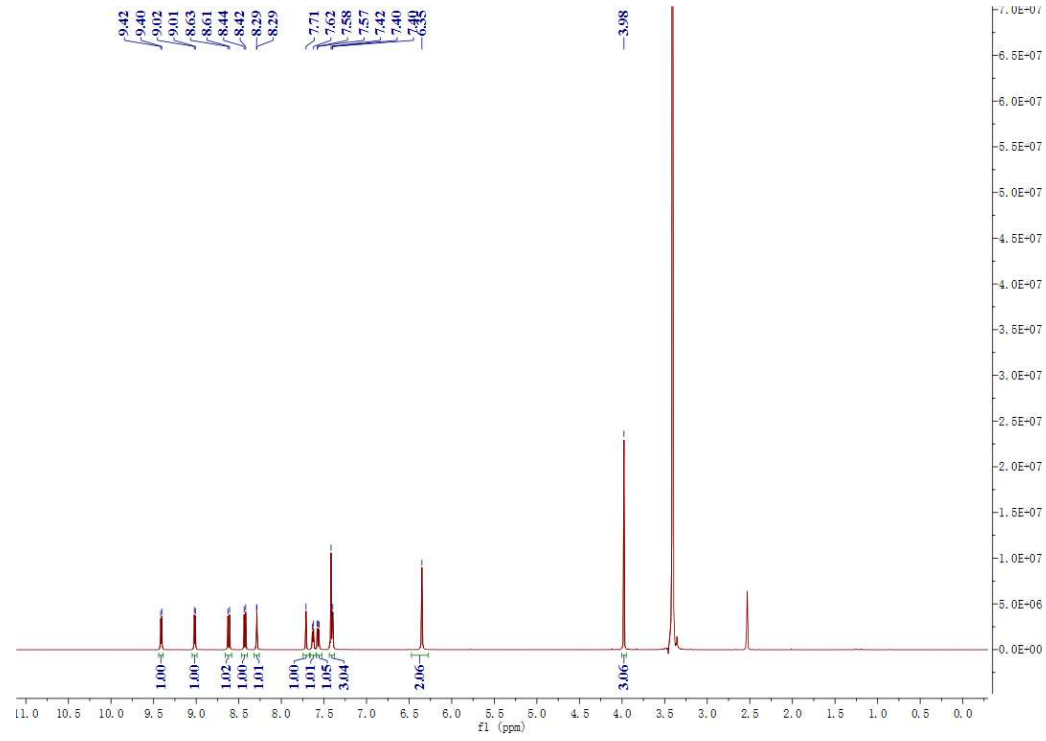
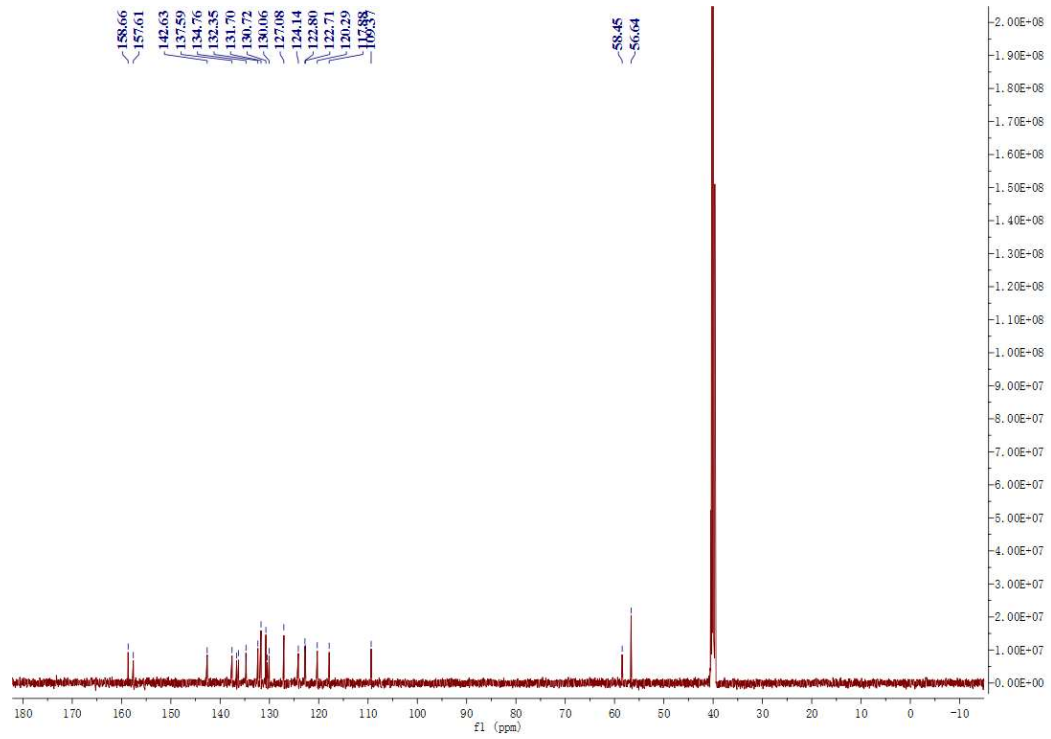
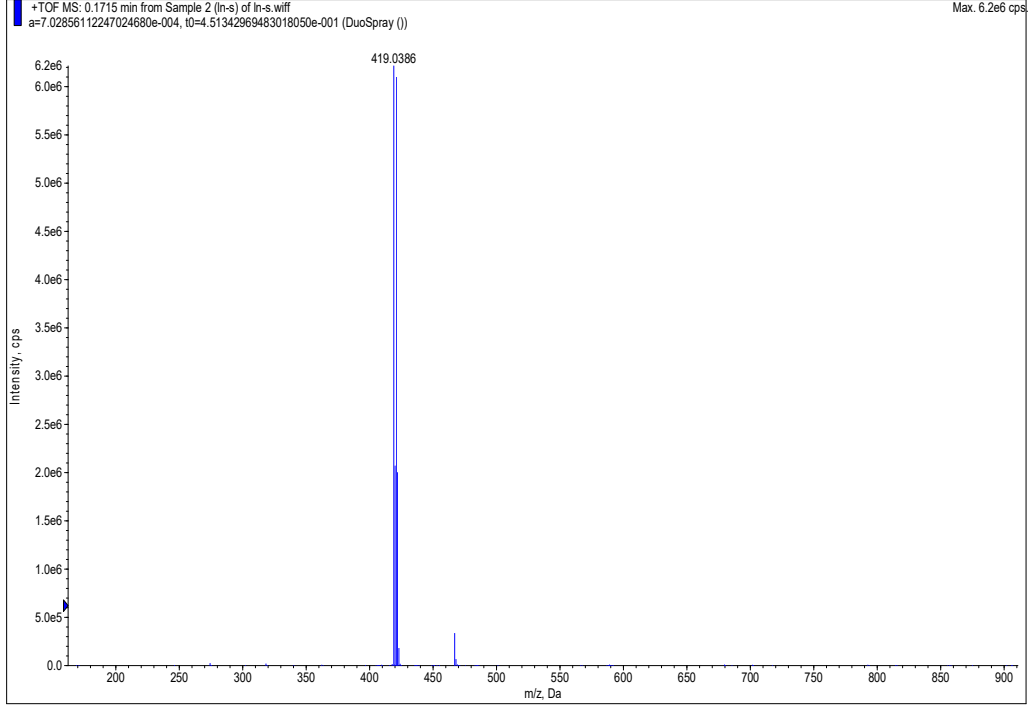


Figure S19. The NMR, HRMS and HPLC spectra of compound **6r**.







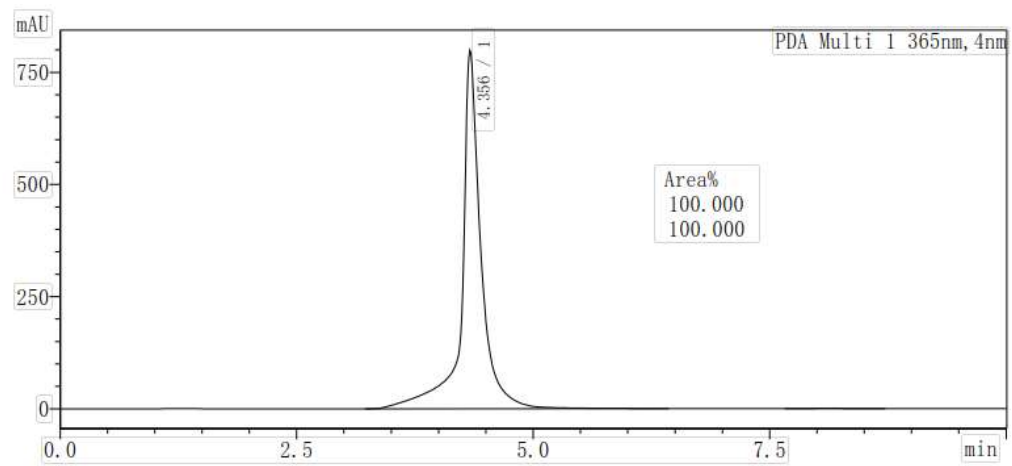
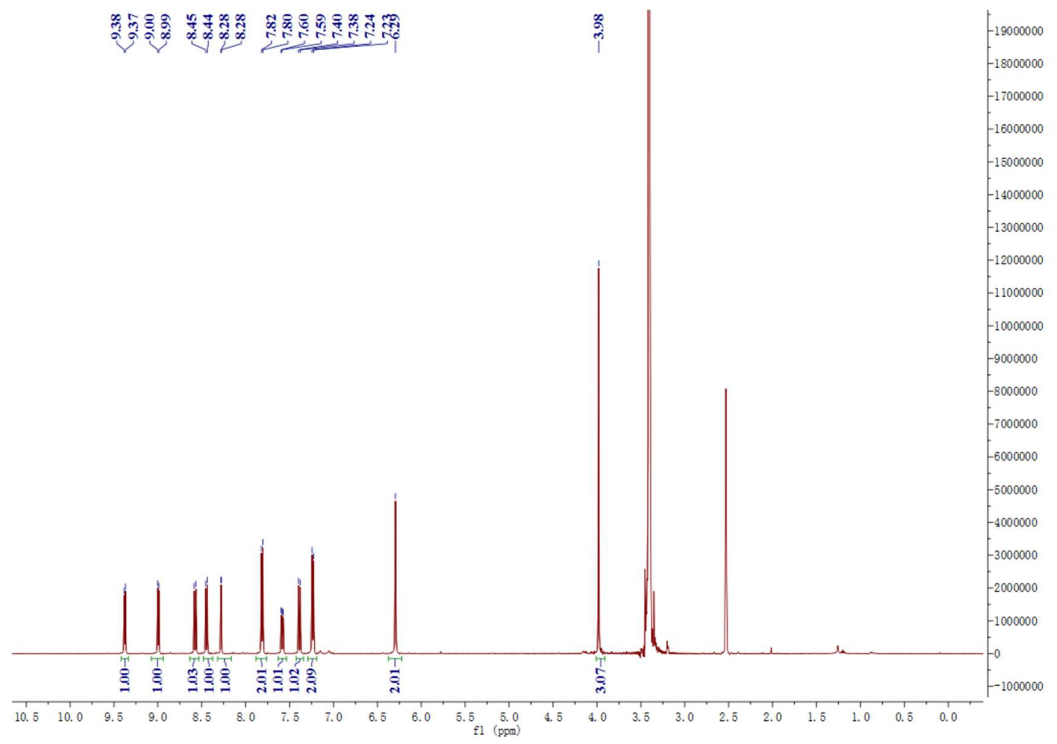
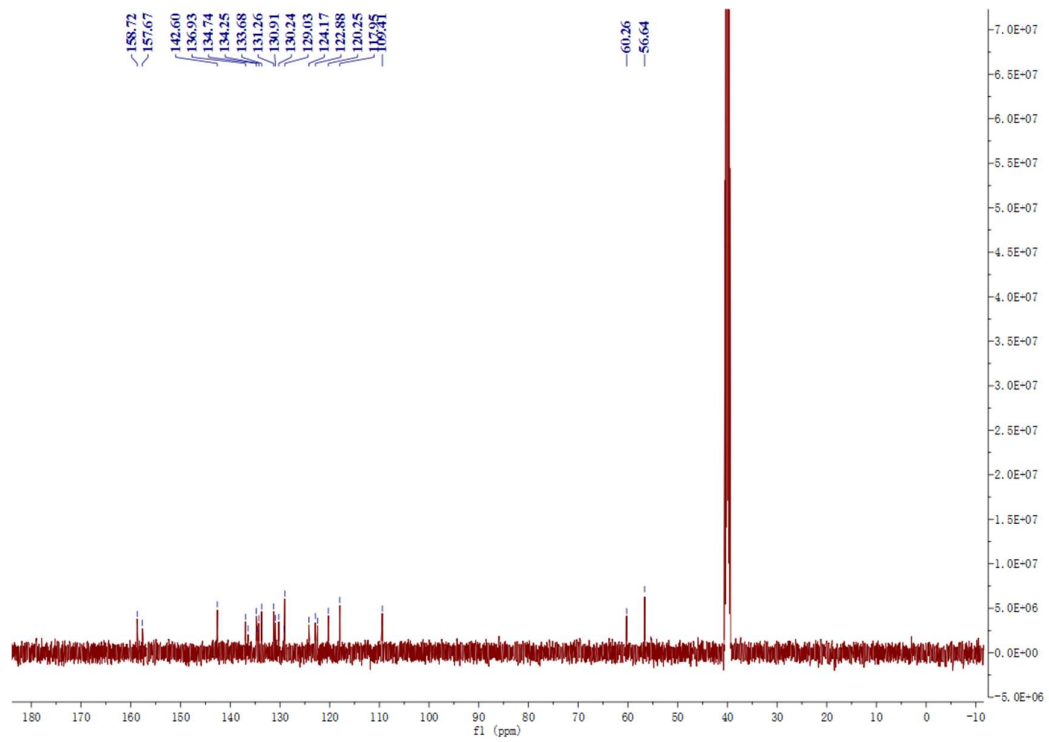
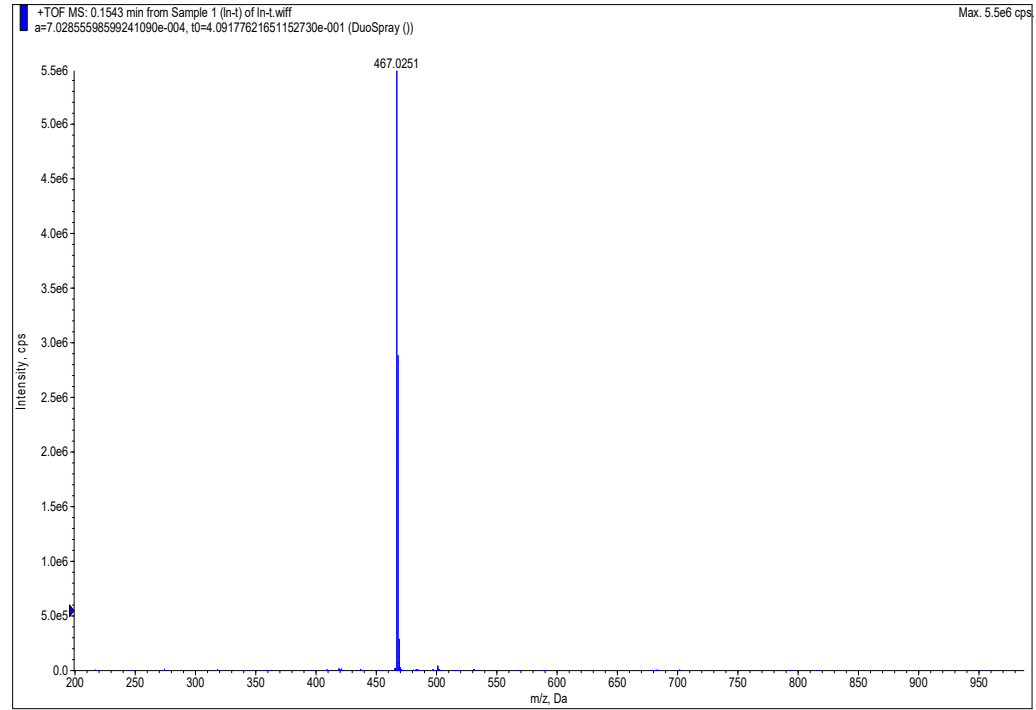


Figure S20. The NMR, HRMS and HPLC spectra of compound **6s**.







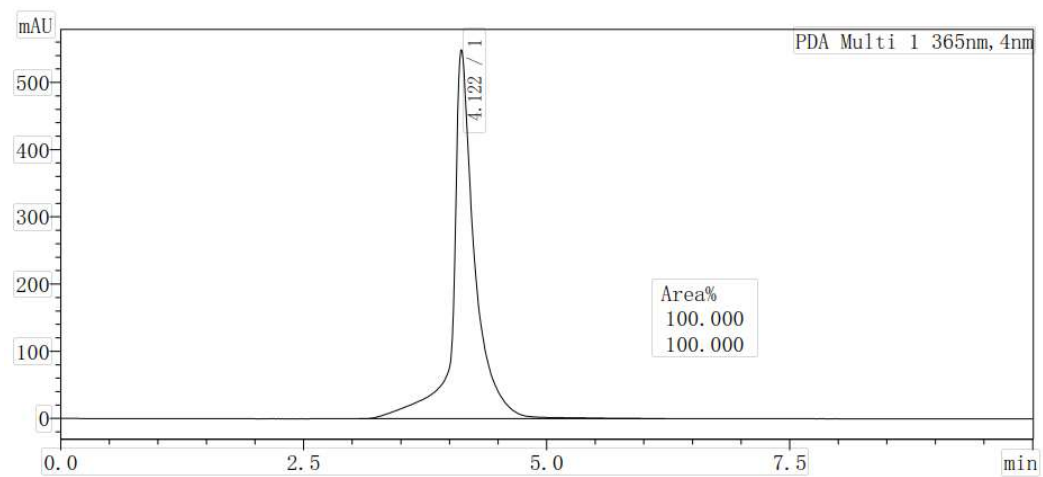
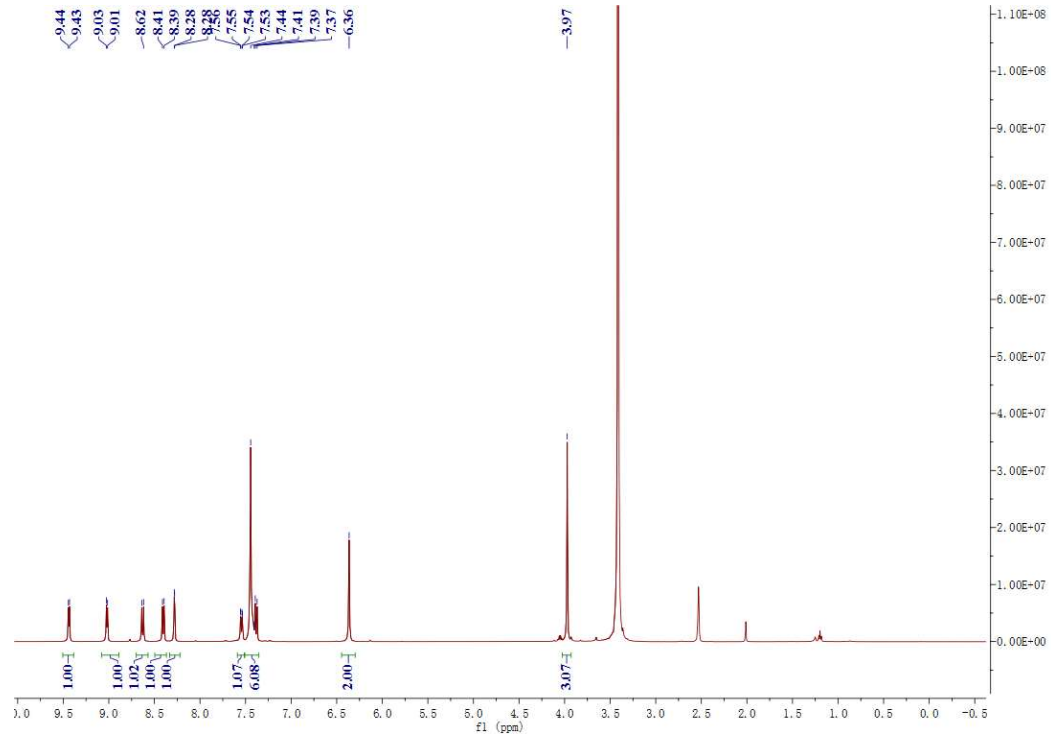
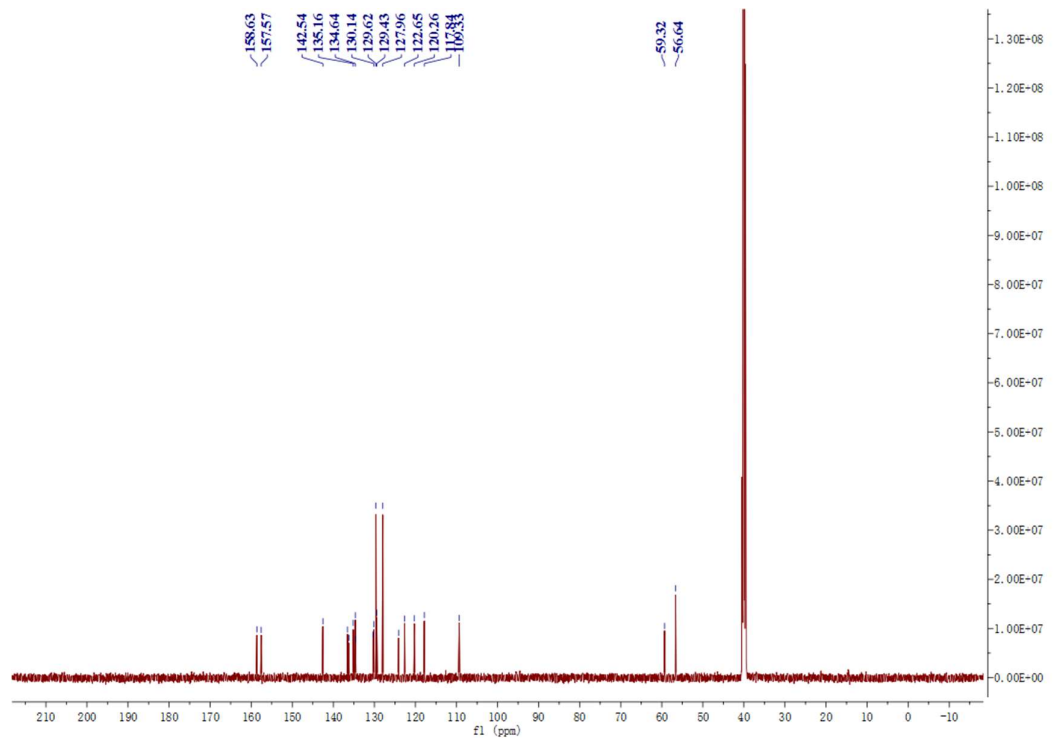
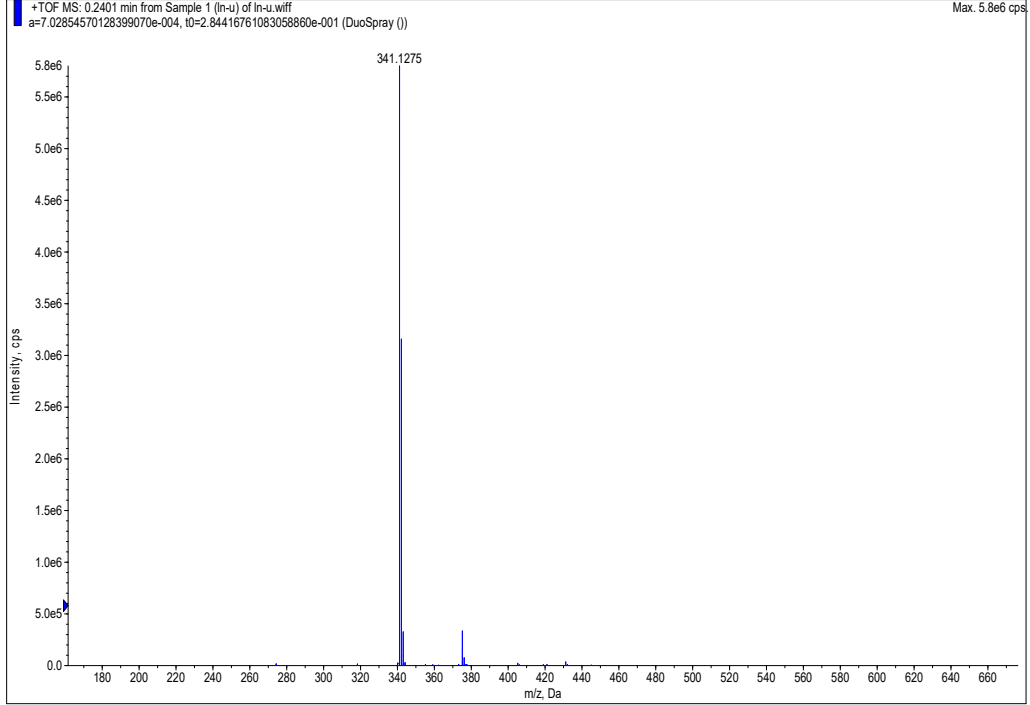


Figure S21. The NMR, HRMS and HPLC spectra of compound **6t**.







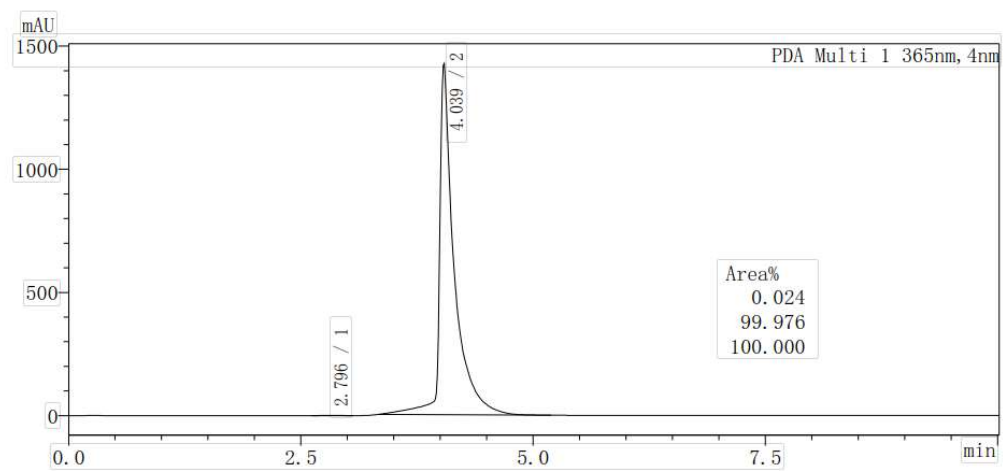
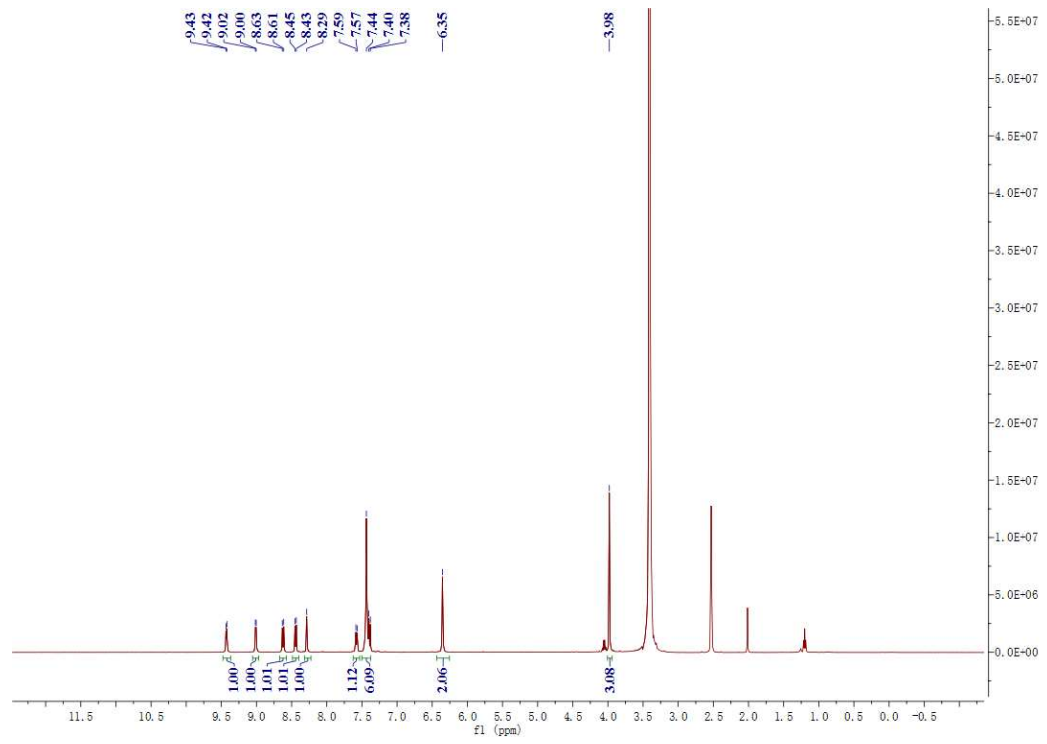
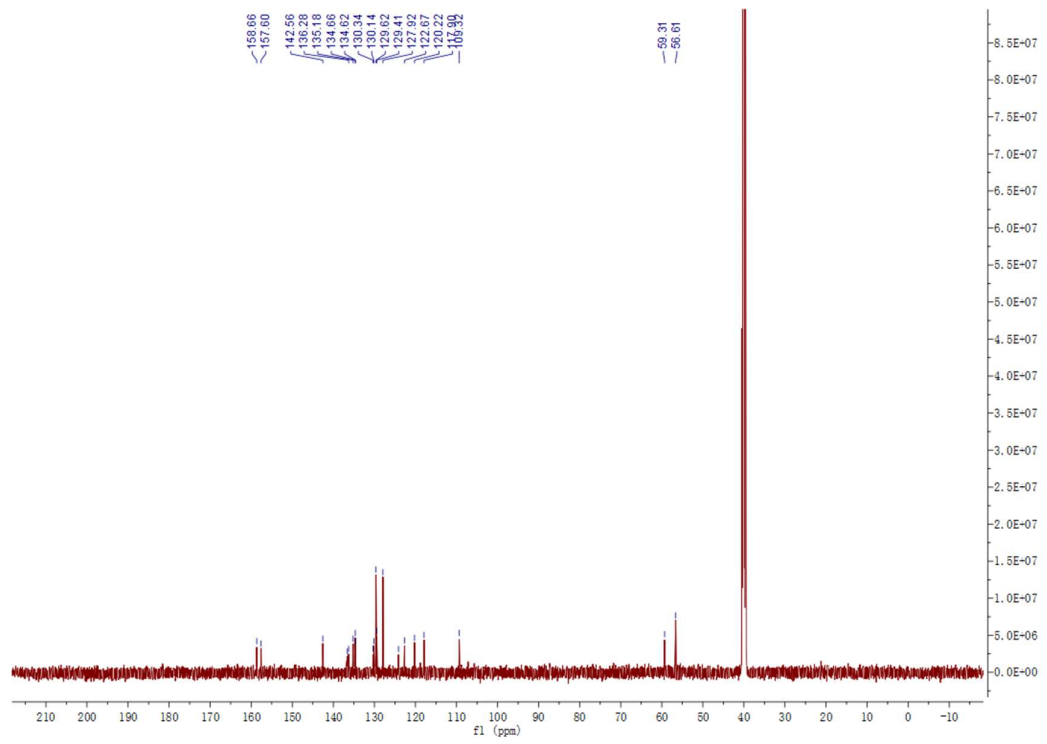
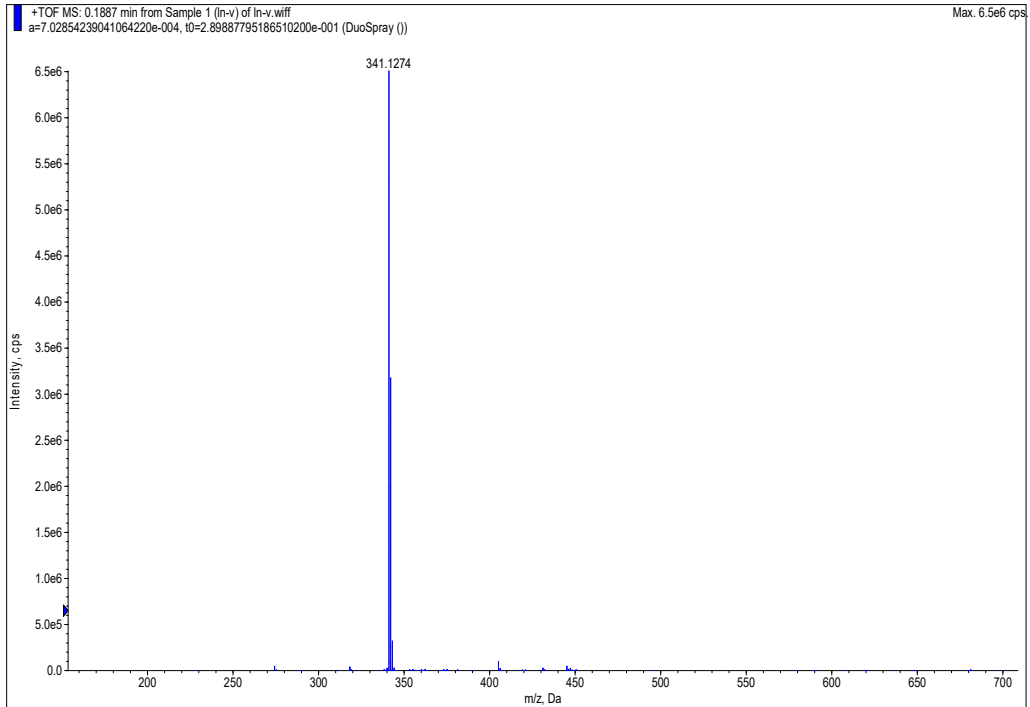


Figure S22. The NMR, HRMS and HPLC spectra of compound **6u**.







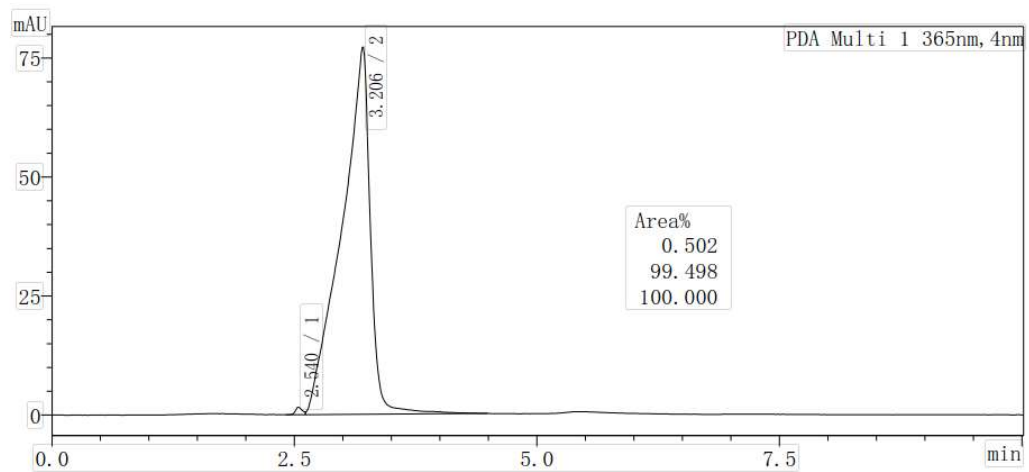


Figure S23. The NMR, HRMS and HPLC spectra of compound **6v**.