

Synthesis and Characterization of Tetraarylphenazine and Tetraaryldibenzo[*b,i*]phenazine

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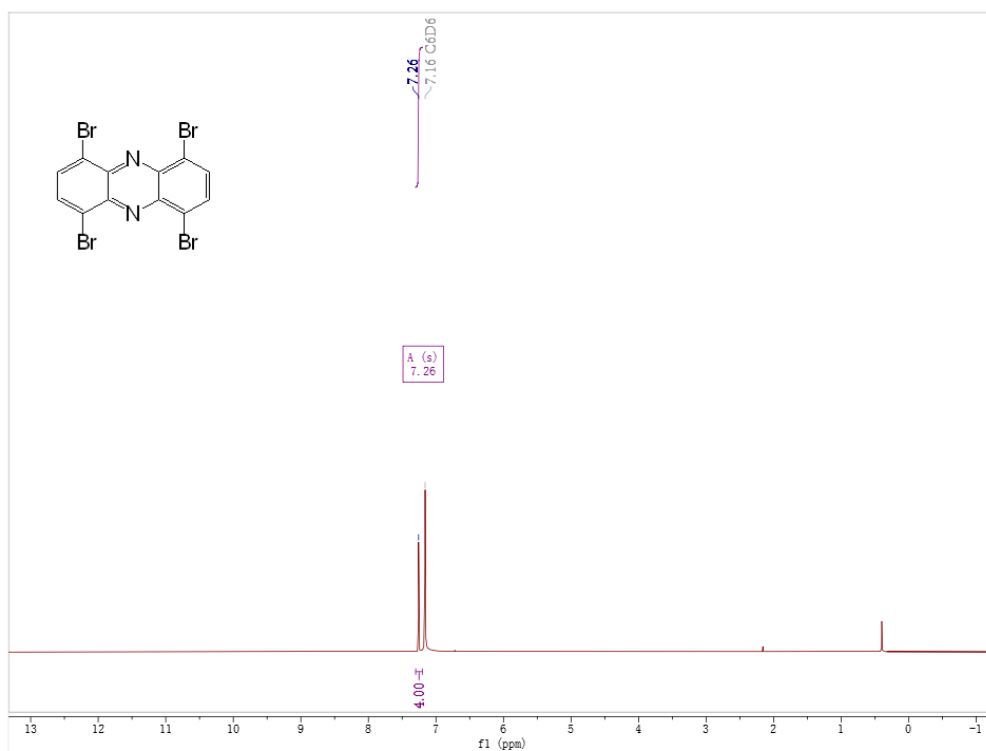


Figure S1. ¹H NMR spectrum of the compound **2**

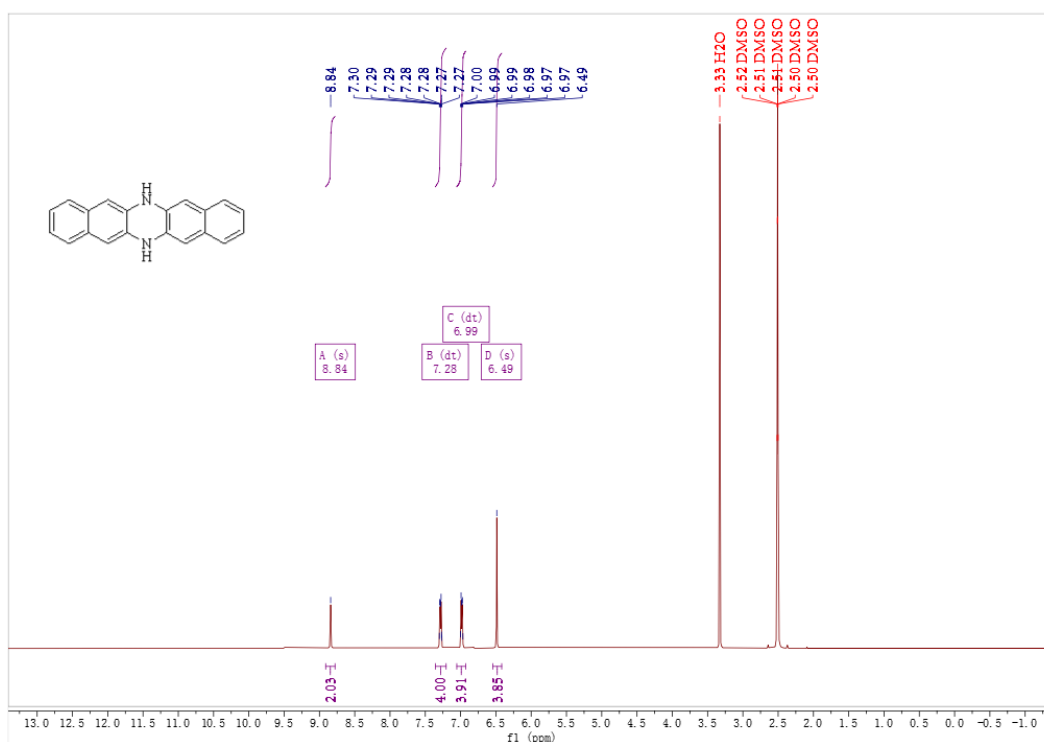


Figure S2. ¹H NMR spectrum of the compound of **4**

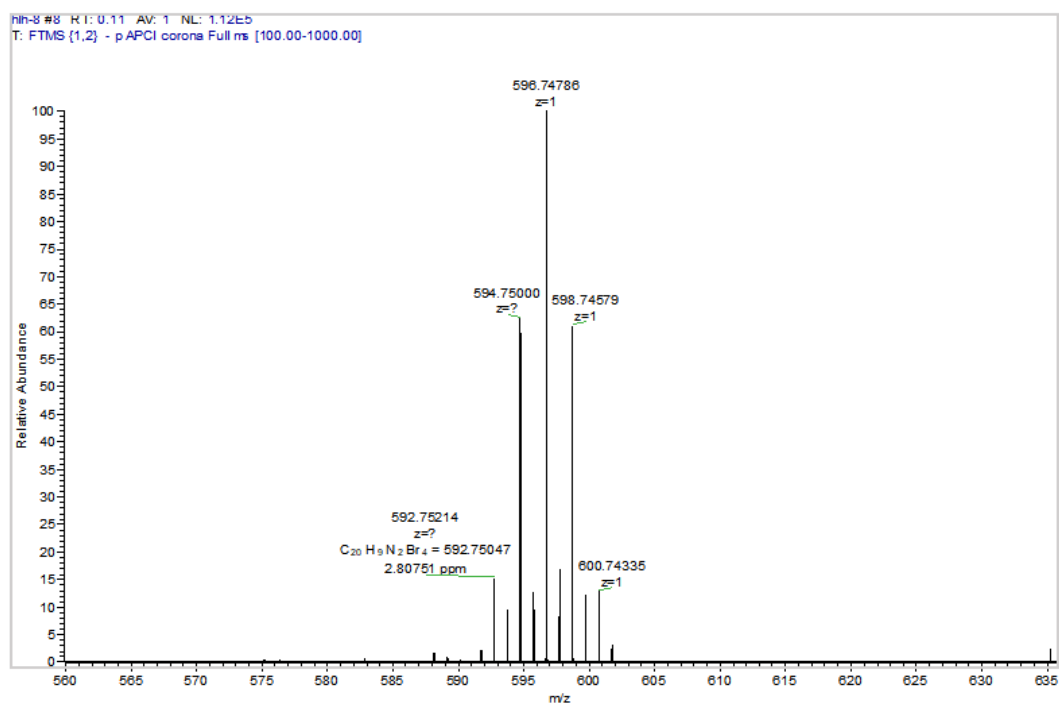


Figure S3. HRMS(APCI) spectrum of the compound of **5**

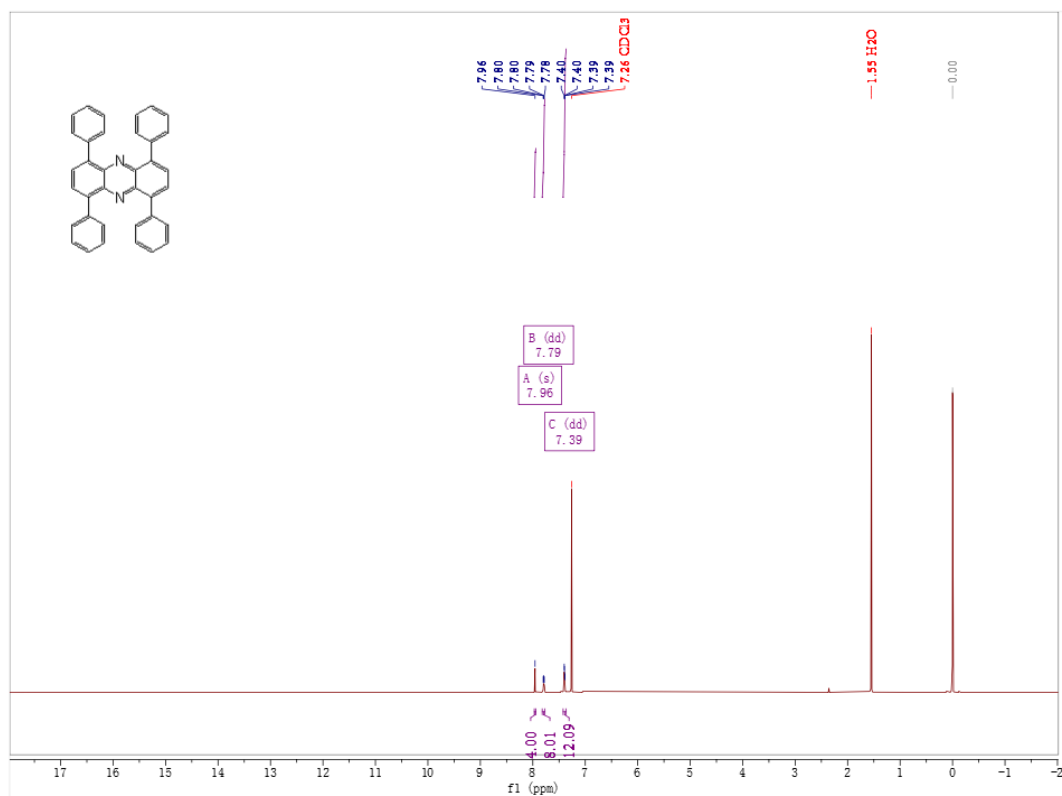


Figure S4. ¹H NMR spectrum of the compound of 3a

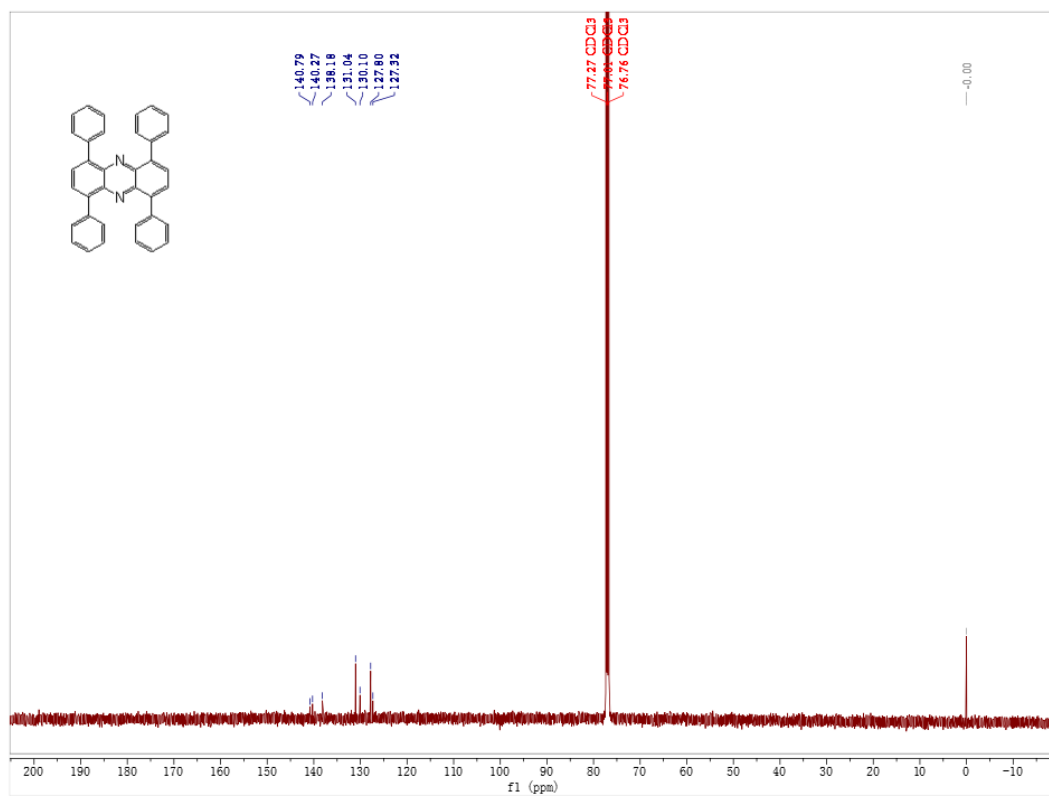


Figure S5. ¹³C NMR spectrum of the compound of 3a

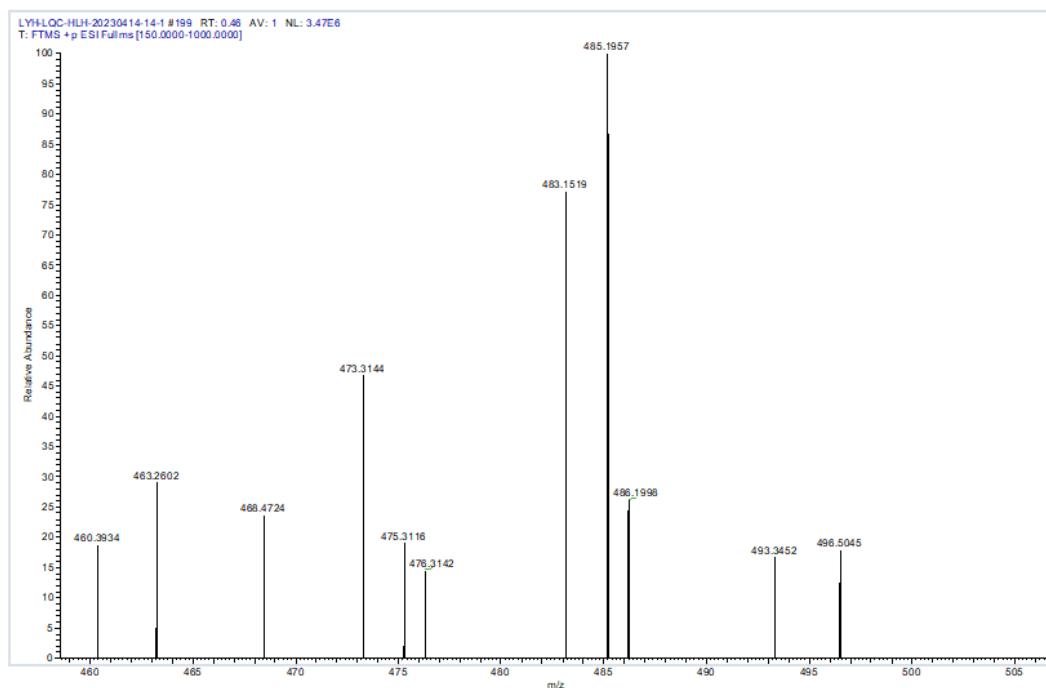


Figure S6. HRMS(ESI) spectrum of the compound of **3a**

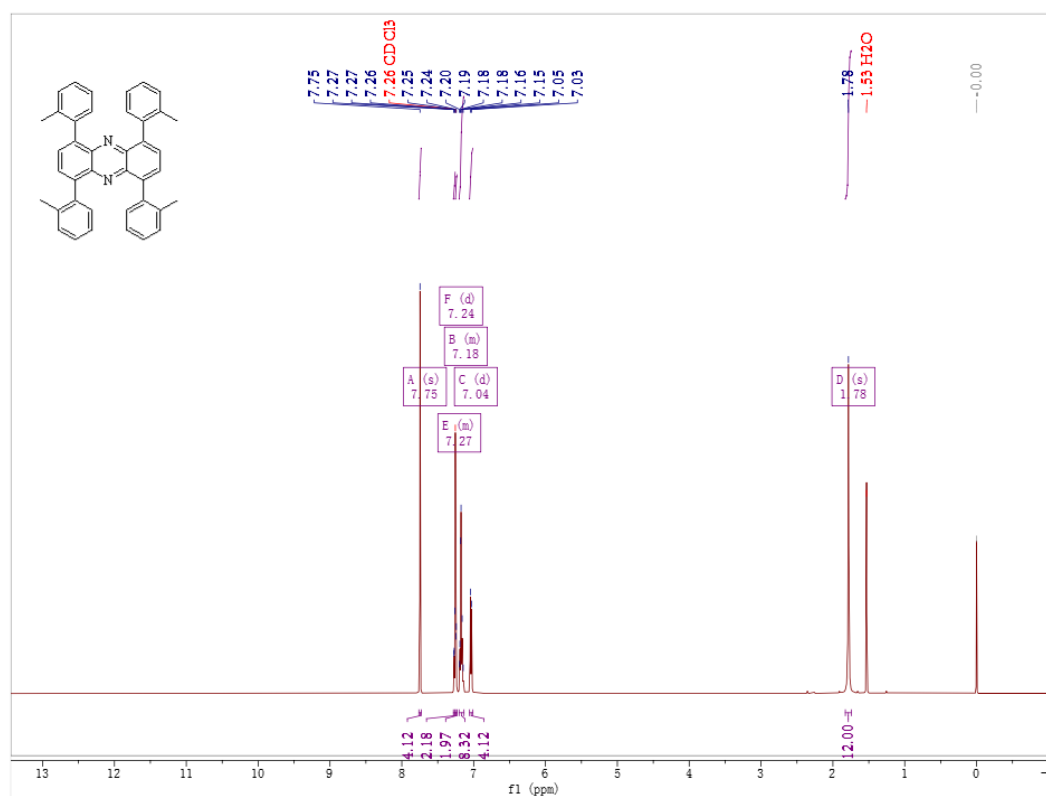


Figure S7. ^1H NMR spectrum of the compound of **3b**

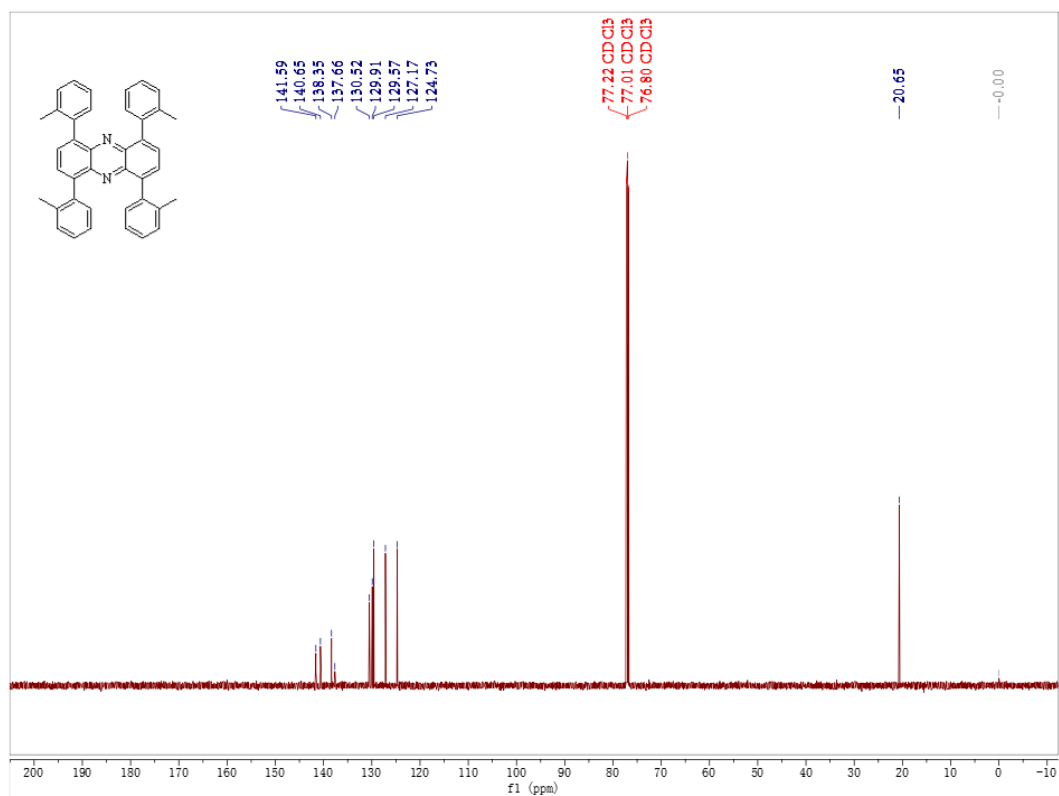


Figure S8. ¹³C NMR spectrum of the compound of **3b**

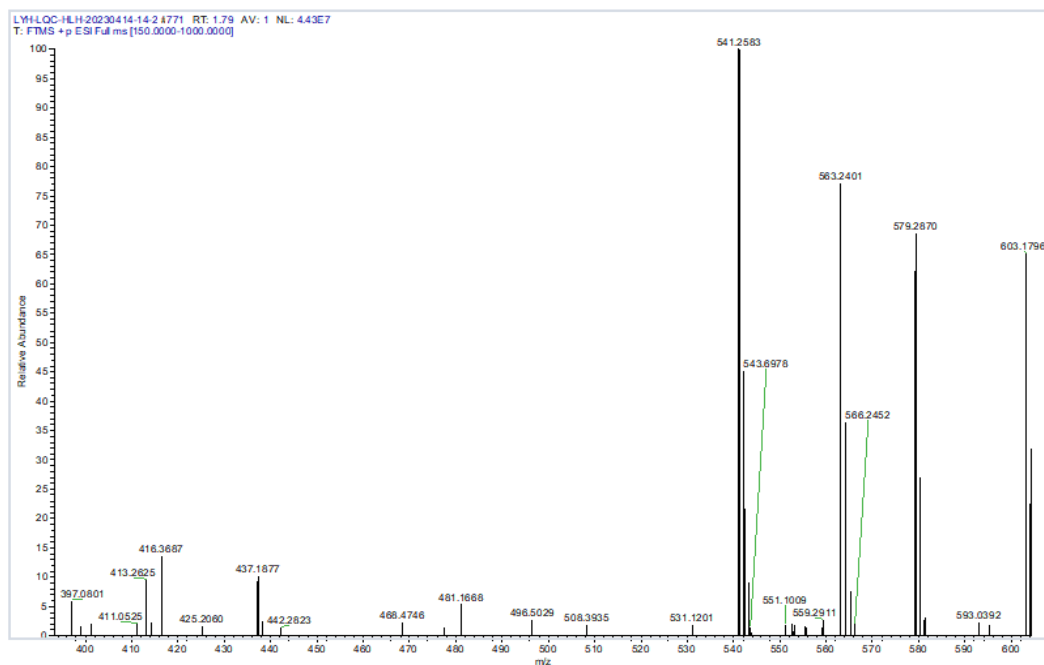


Figure S9. HRMS(ESI) spectrum of the compound of **3b**

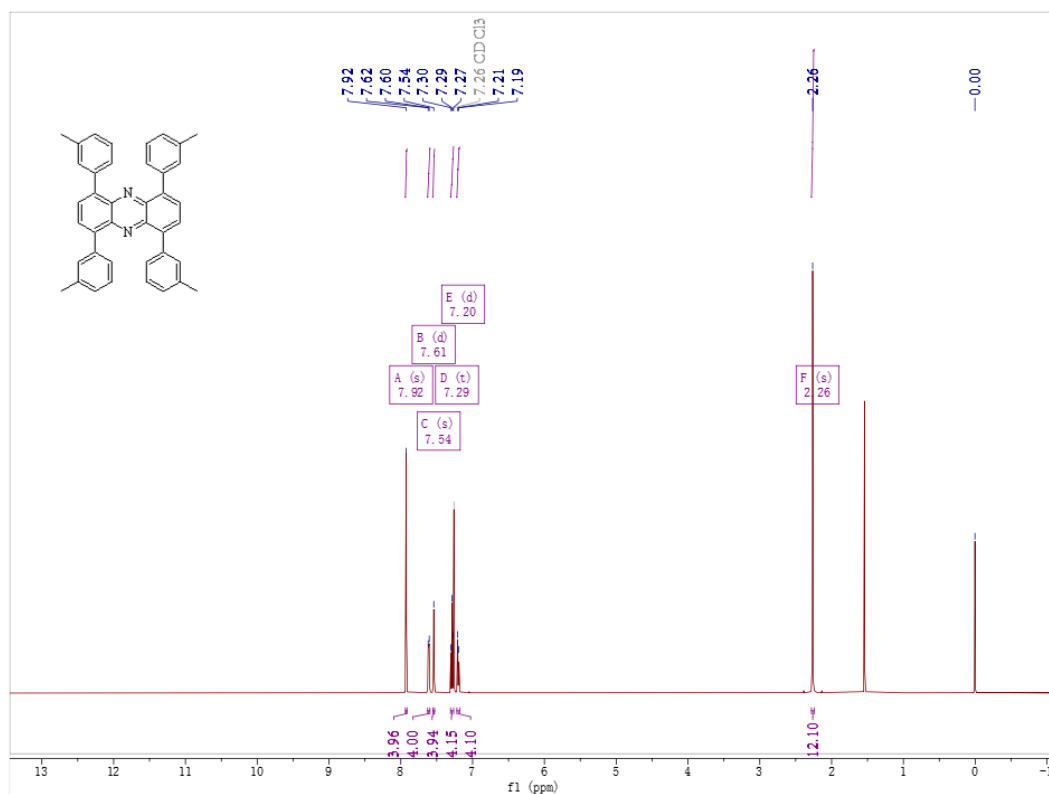


Figure S10. ¹H NMR spectrum of the compound of **3c**

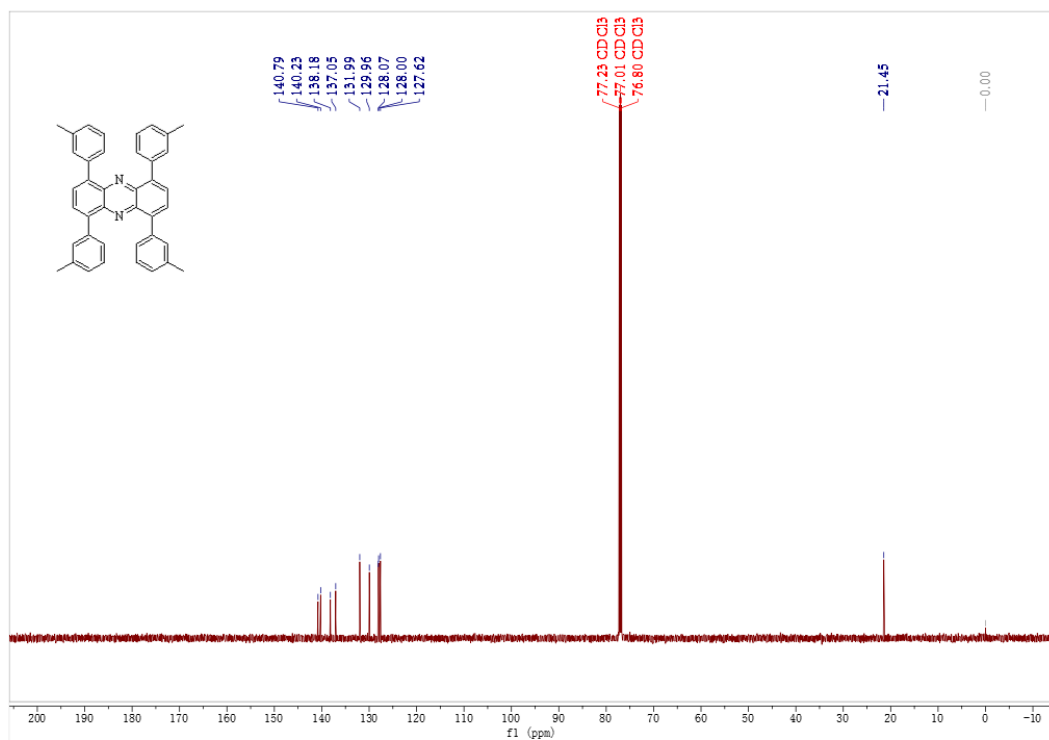


Figure S11. ¹³C NMR spectrum of the compound of **3c**

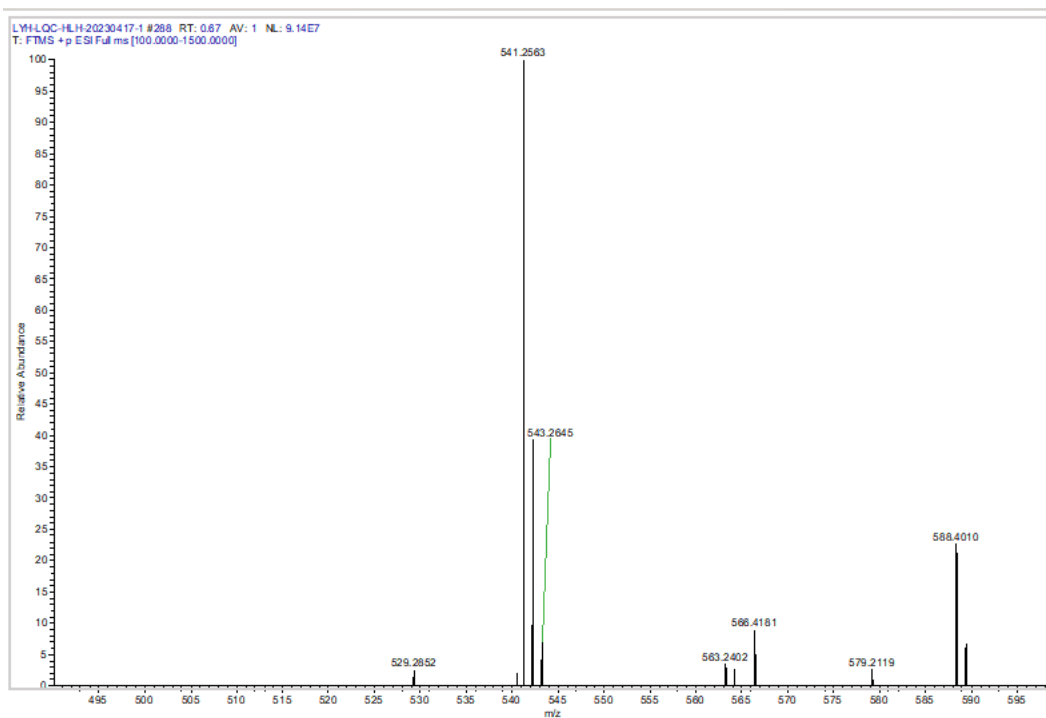


Figure S12. HRMS(ESI) spectrum of the compound of **3c**

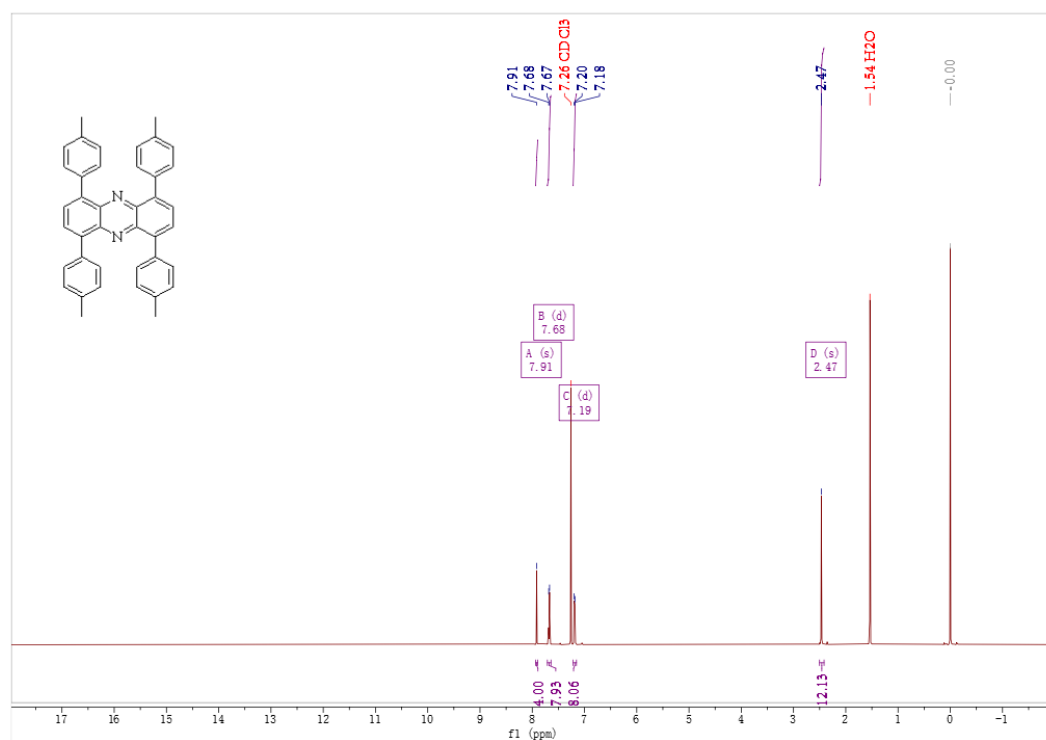


Figure S13. ^1H NMR spectrum of the compound of **3d**

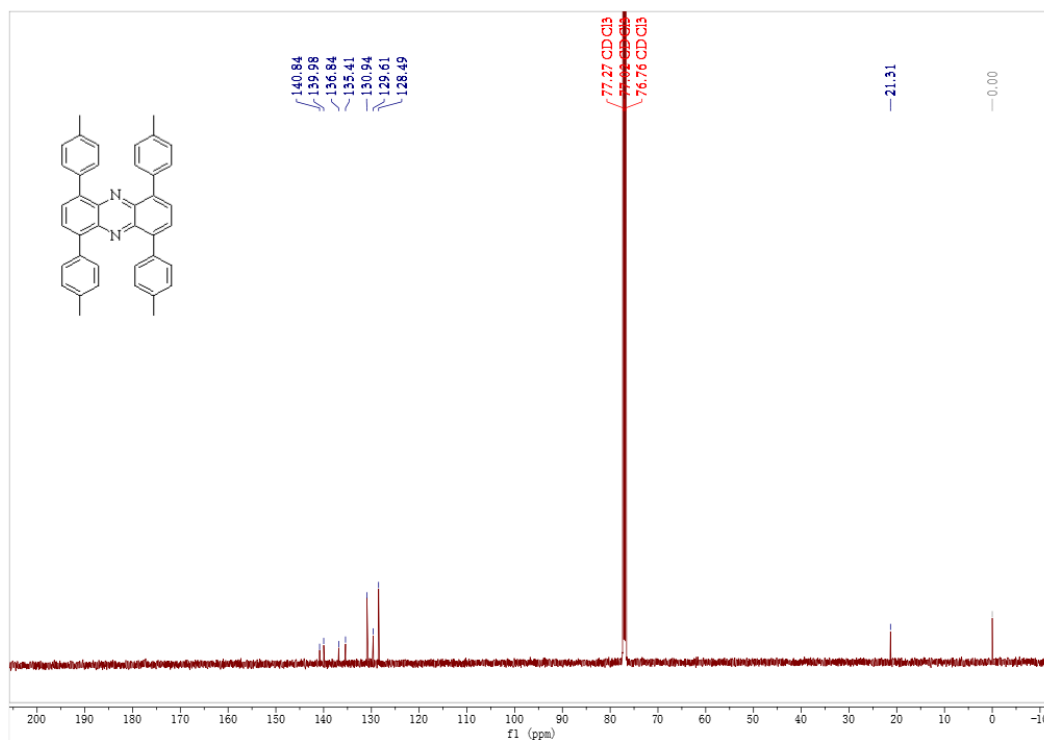


Figure S14. ¹³C NMR spectrum of the compound of **3d**

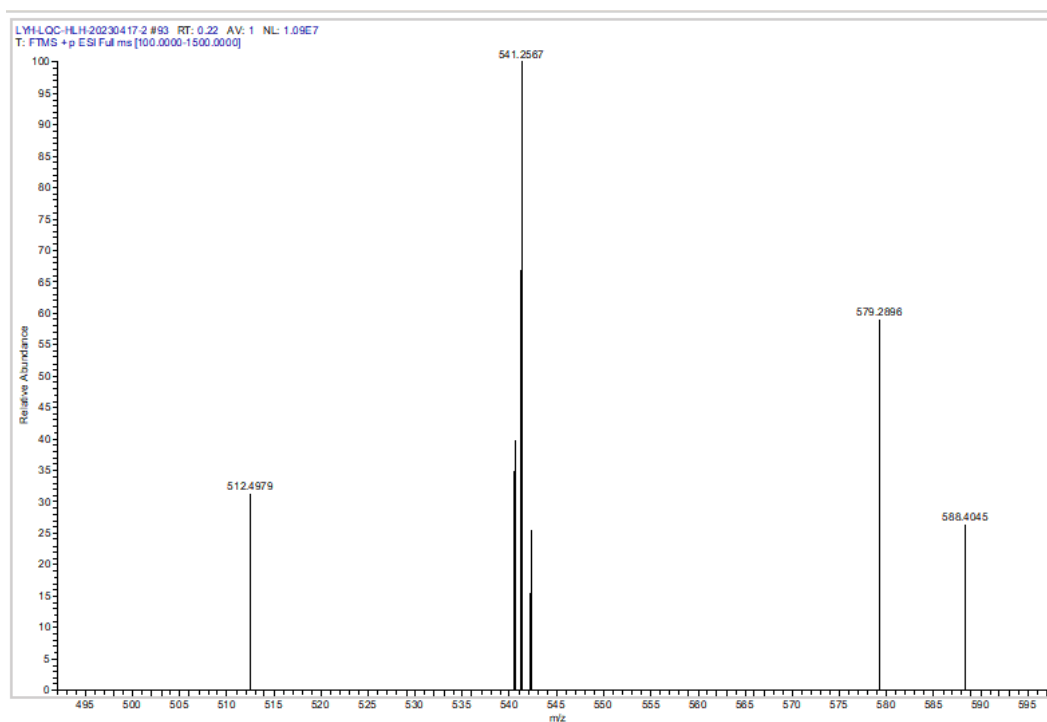


Figure S15. HRMS(ESI) spectrum of the compound of **3d**

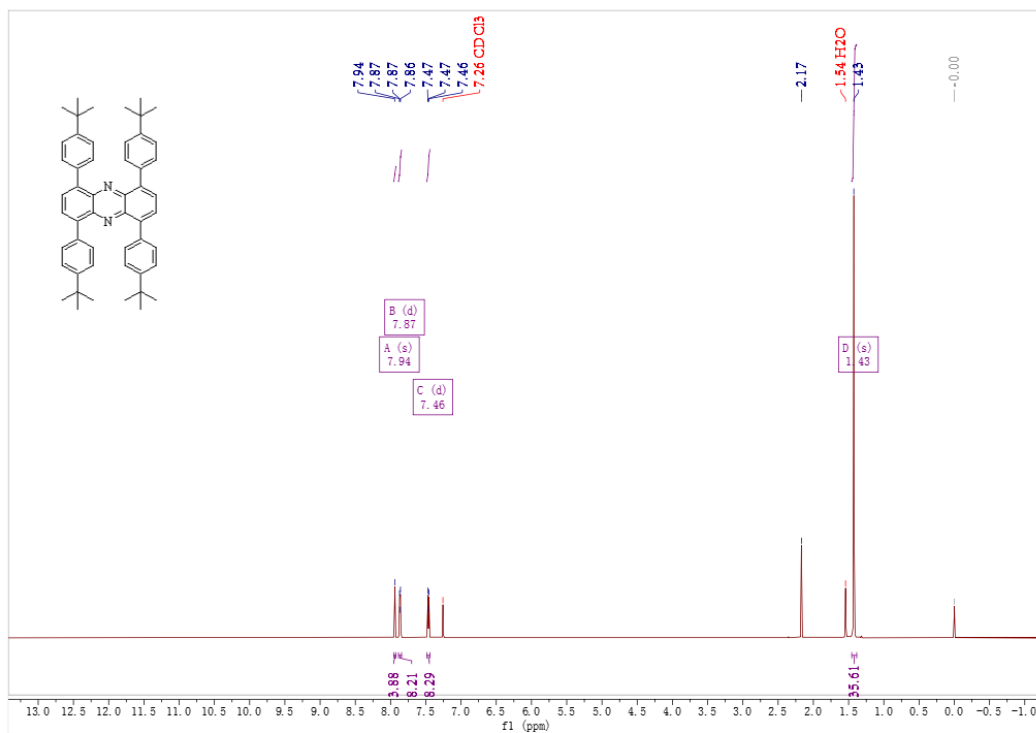


Figure S16. ¹H NMR spectrum of the compound of **3e**

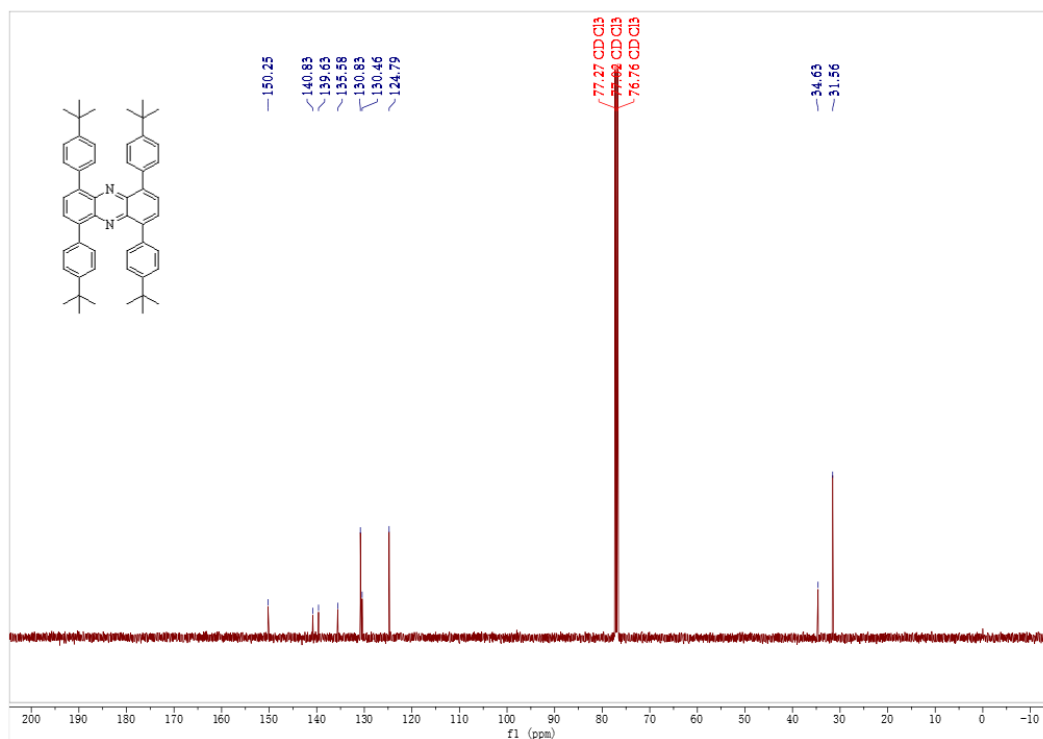


Figure S17. ¹³C NMR spectrum of the compound of **3e**

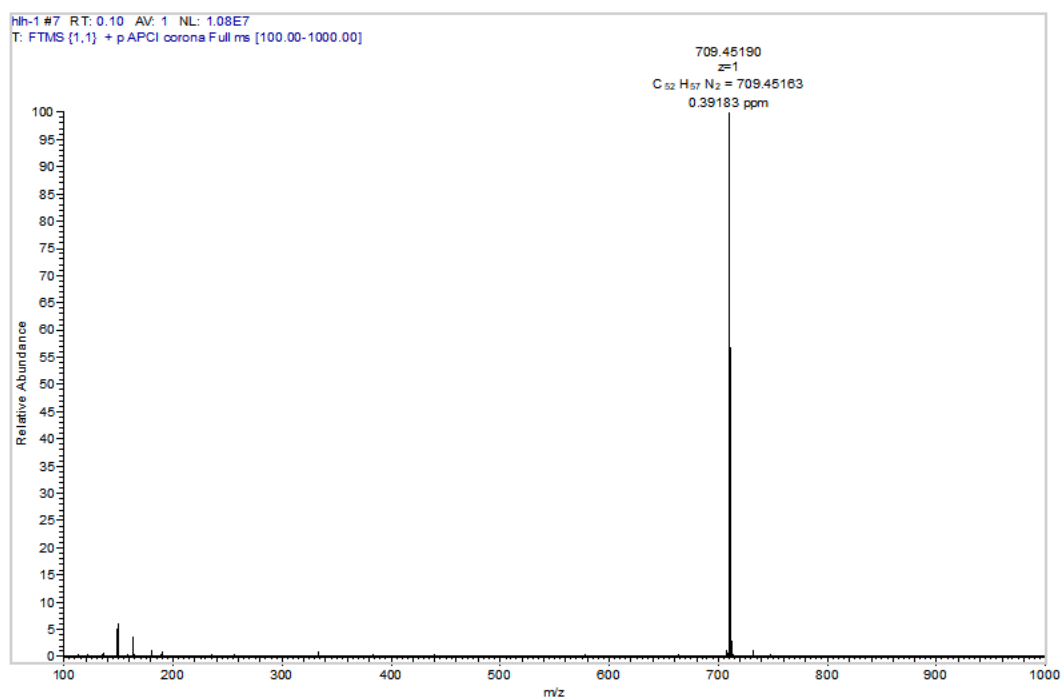


Figure S18. HRMS(APCI) spectrum of the compound of **3e**

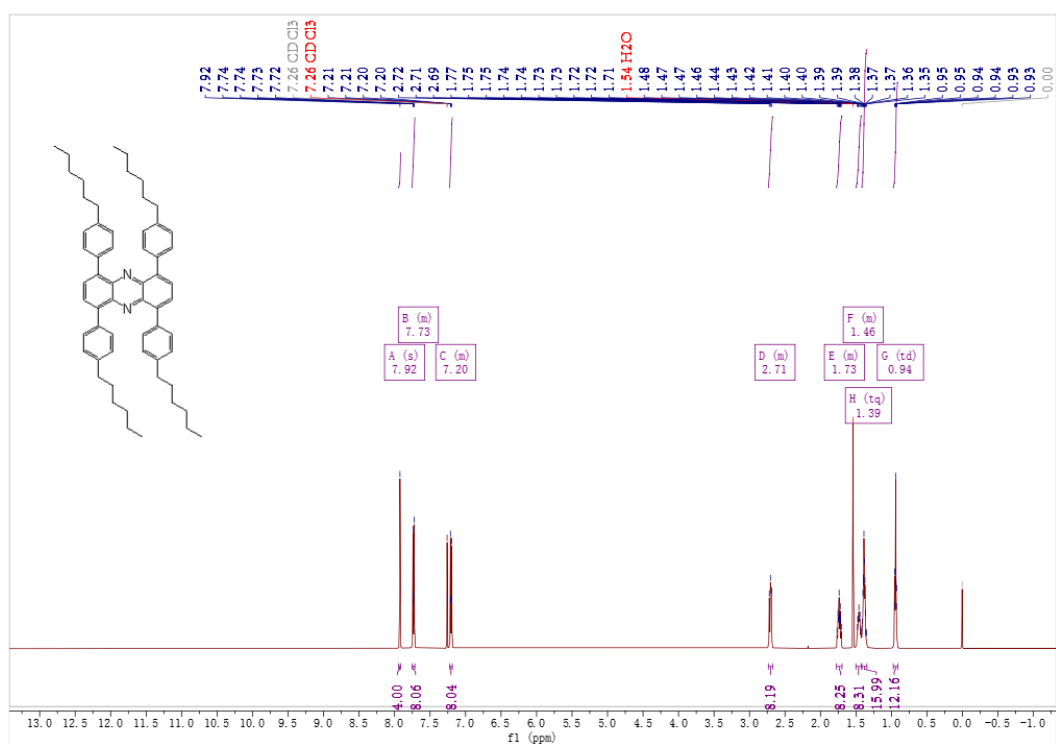


Figure S19. ¹H NMR spectrum of the compound of **3f**

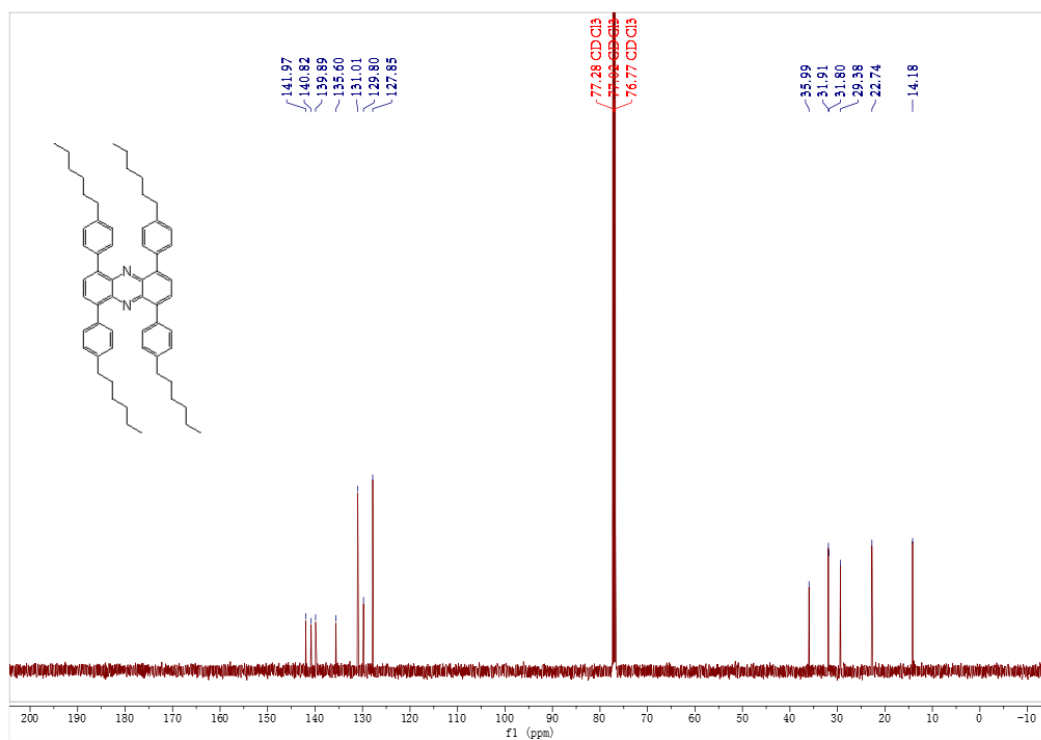


Figure S20. ^{13}C NMR spectrum of the compound of **3f**

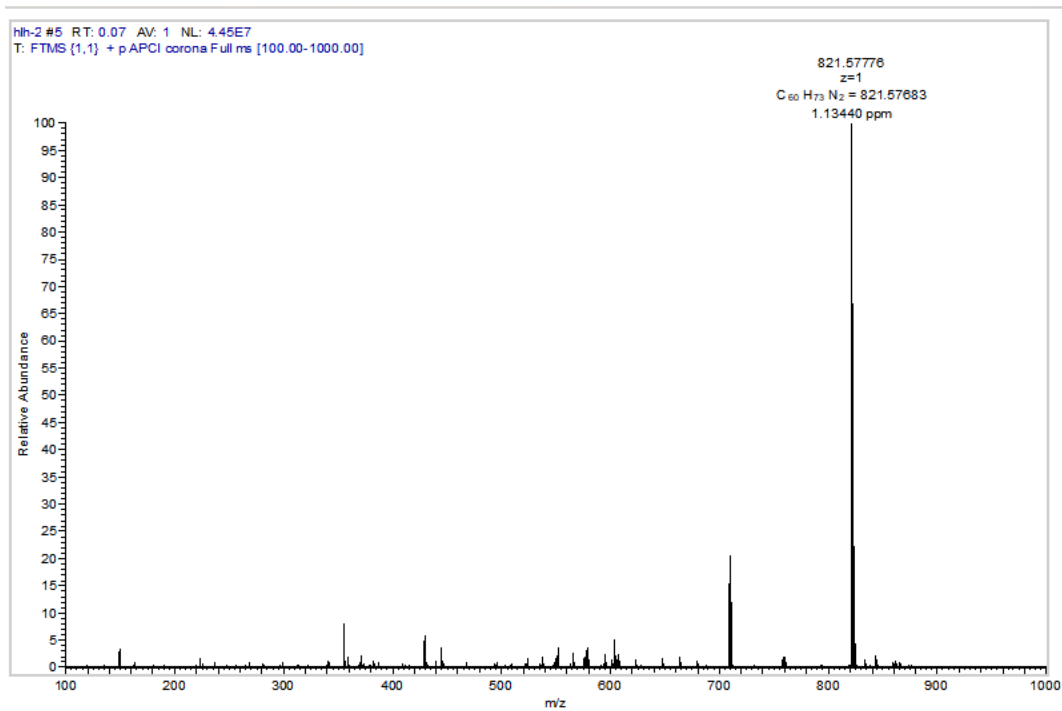


Figure S21. HRMS(APCI) spectrum of the compound of **3f**

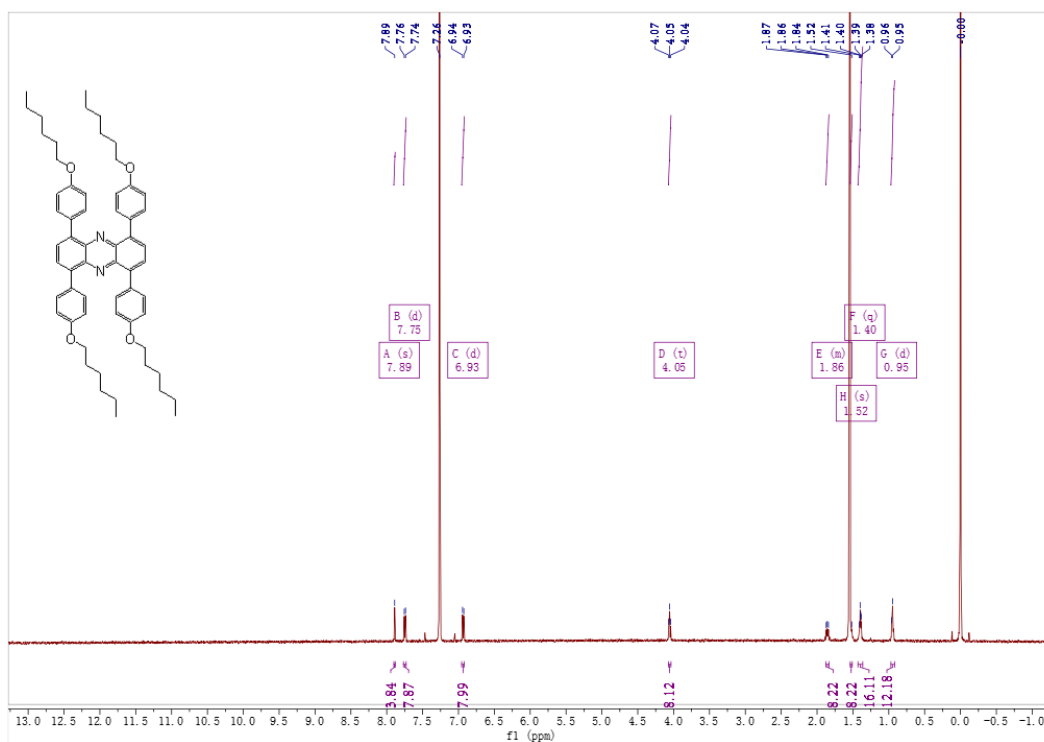


Figure S22. ^1H NMR spectrum of the compound of **3g**

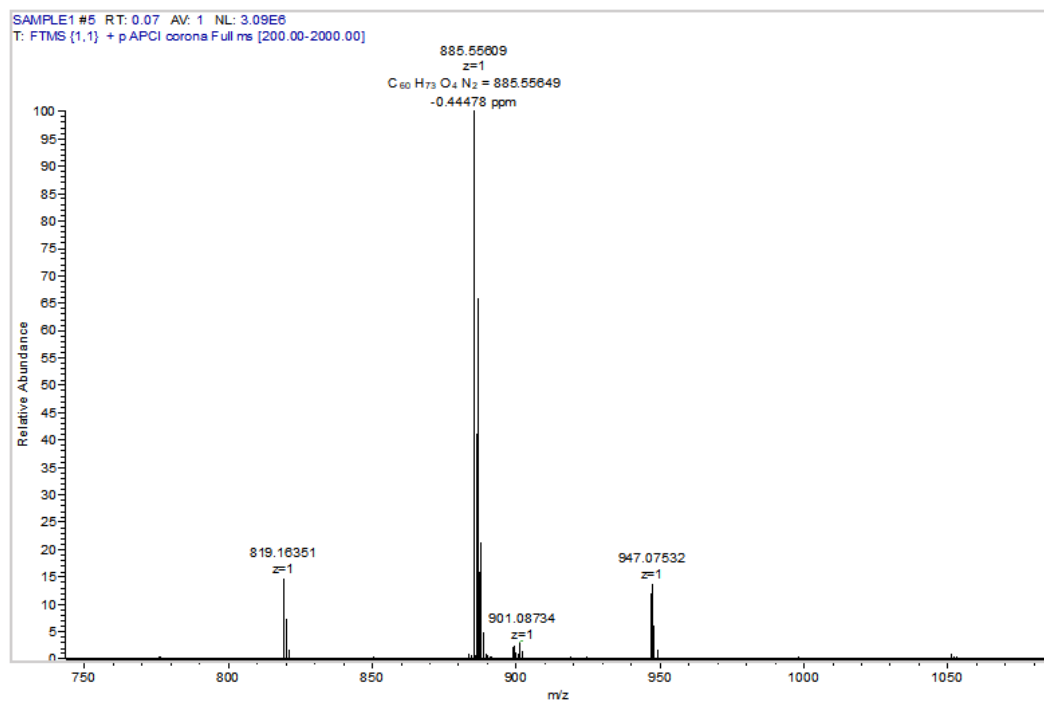


Figure S23. HRMS (APCI) spectrum of the compound of **3g**

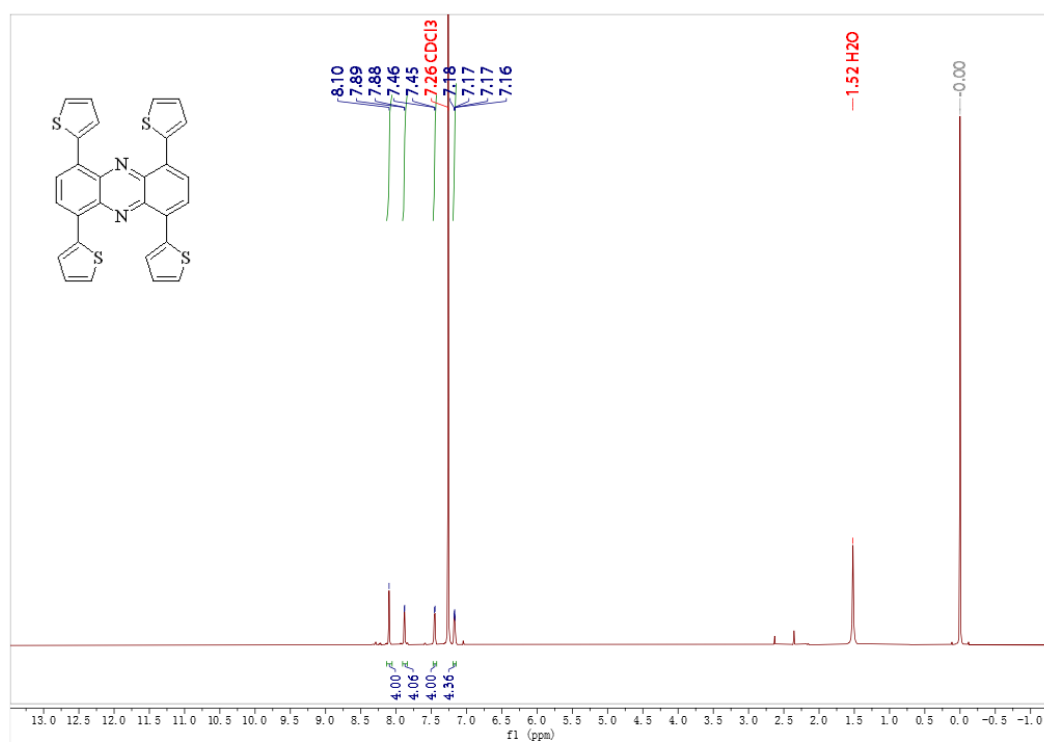


Figure S24. ¹H NMR spectrum of the compound of **3h**

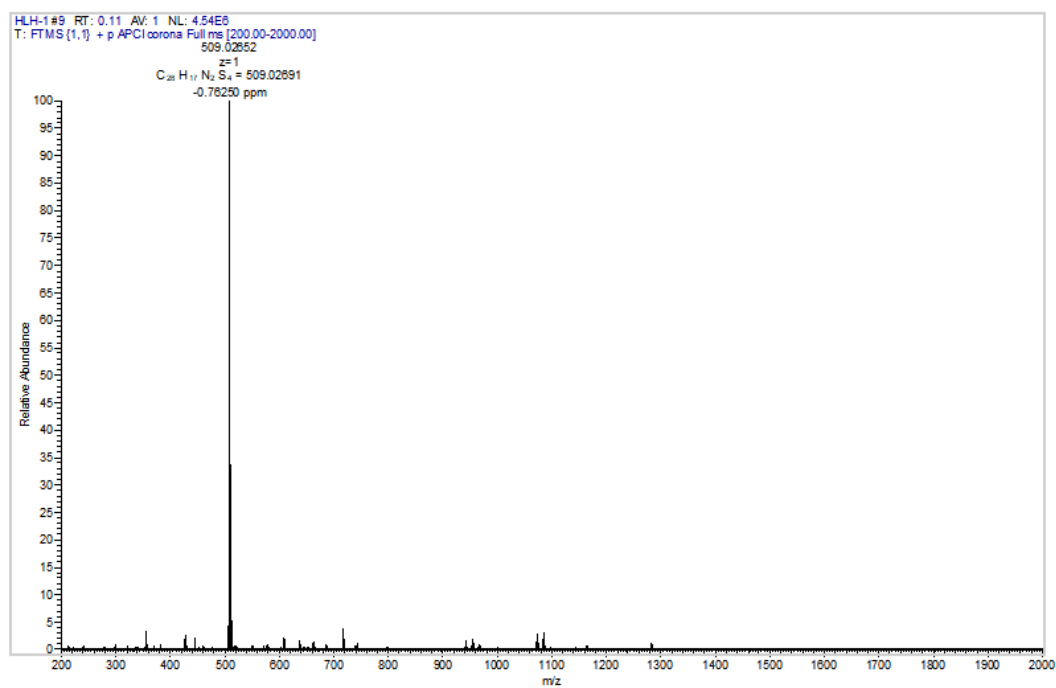


Figure S25. HRMS (APCI) spectrum of the compound of **3h**

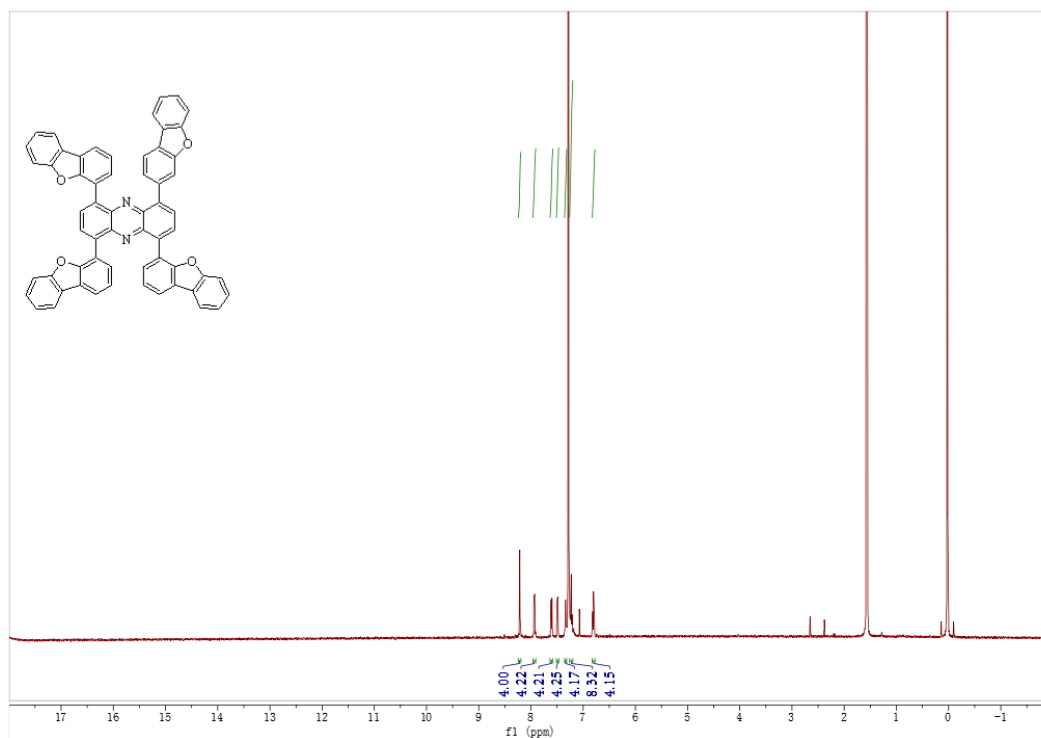


Figure S26. ^1H NMR spectrum of the compound of **3i**

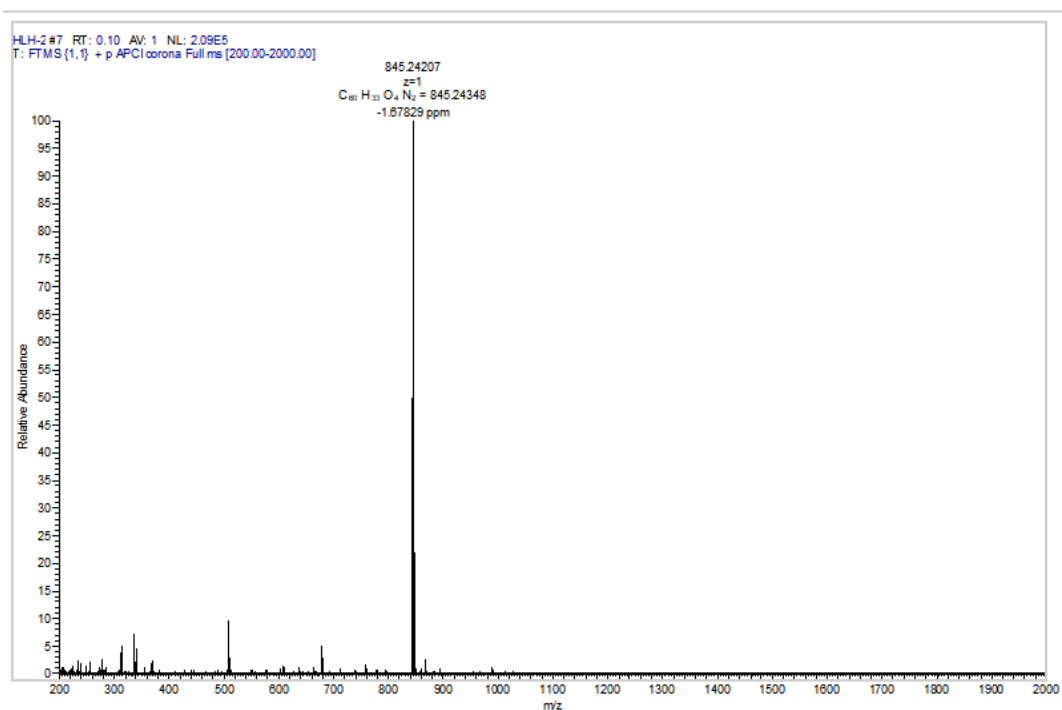


Figure S27. HRMS(APCI) spectrum of the compound of **3i**

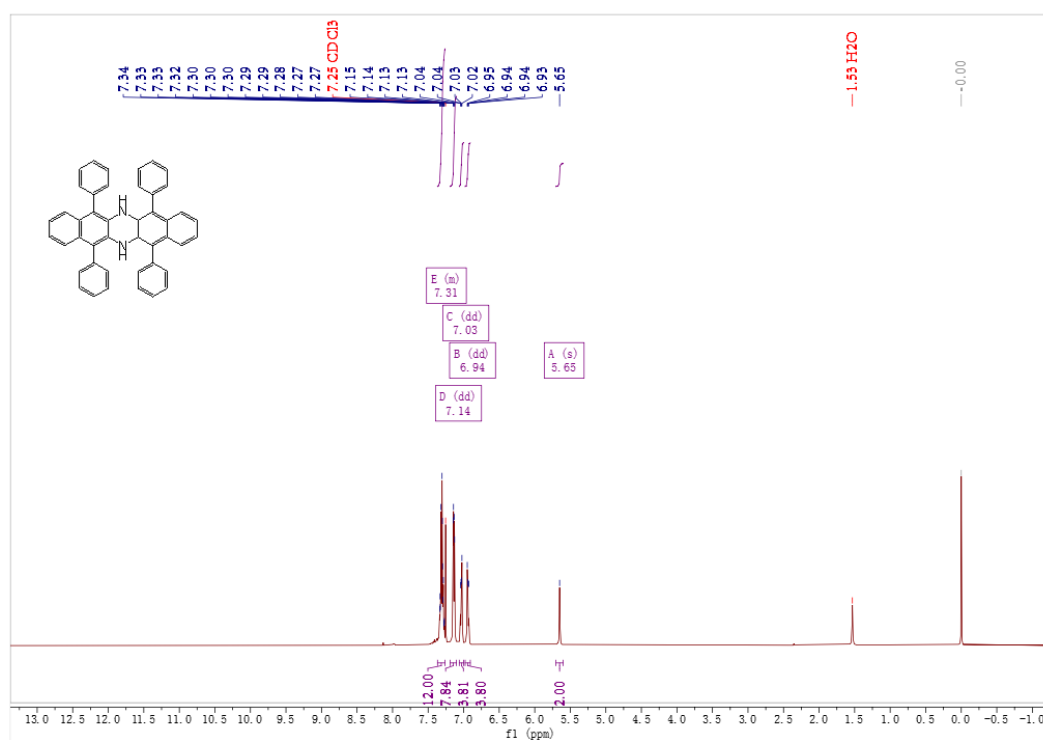


Figure S28. ¹H NMR spectrum of the compound of **6a**

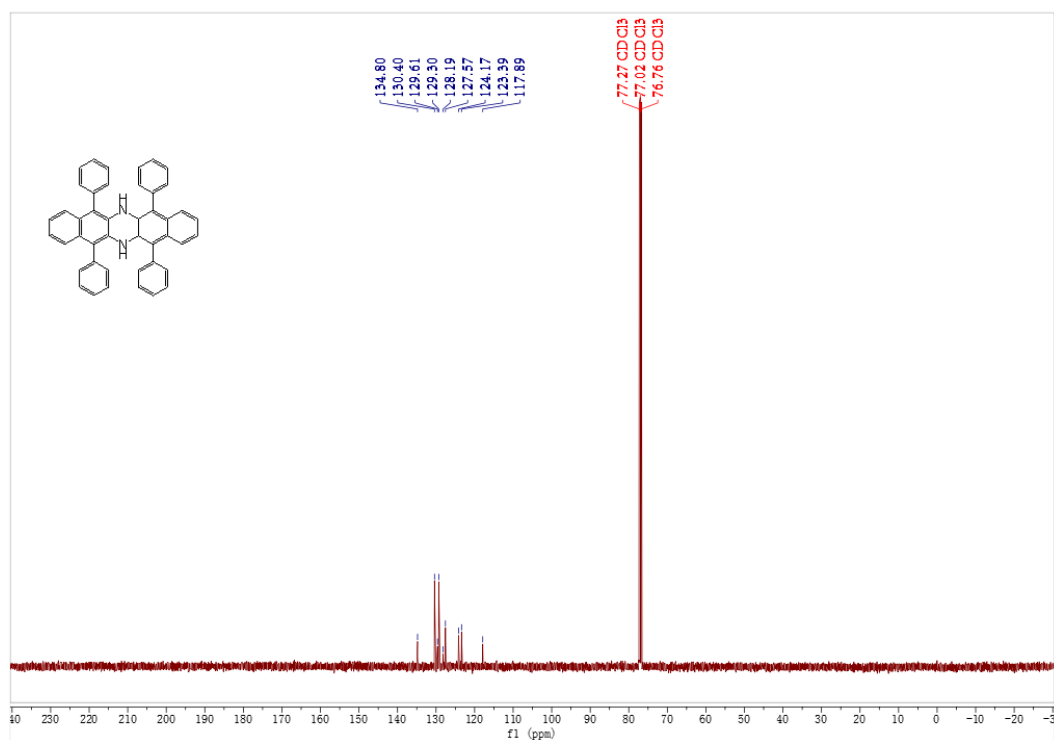


Figure S29. ¹³C-NMR spectrum of the compound of **6a**

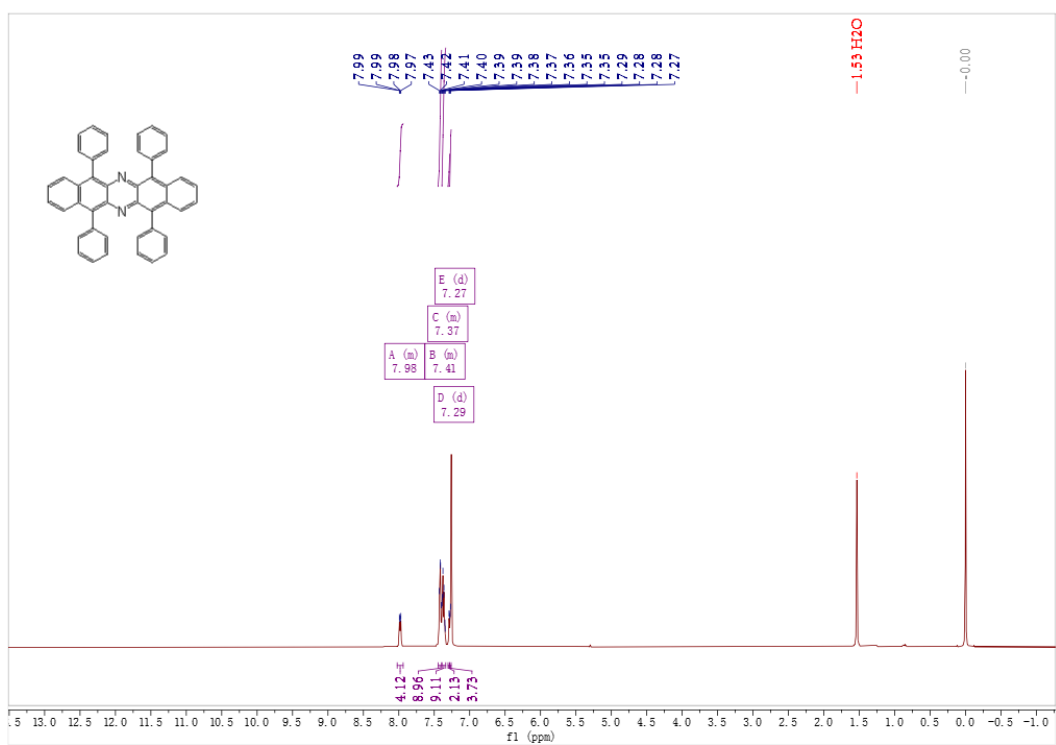


Figure S30. ¹H NMR spectrum of the compound of 7a

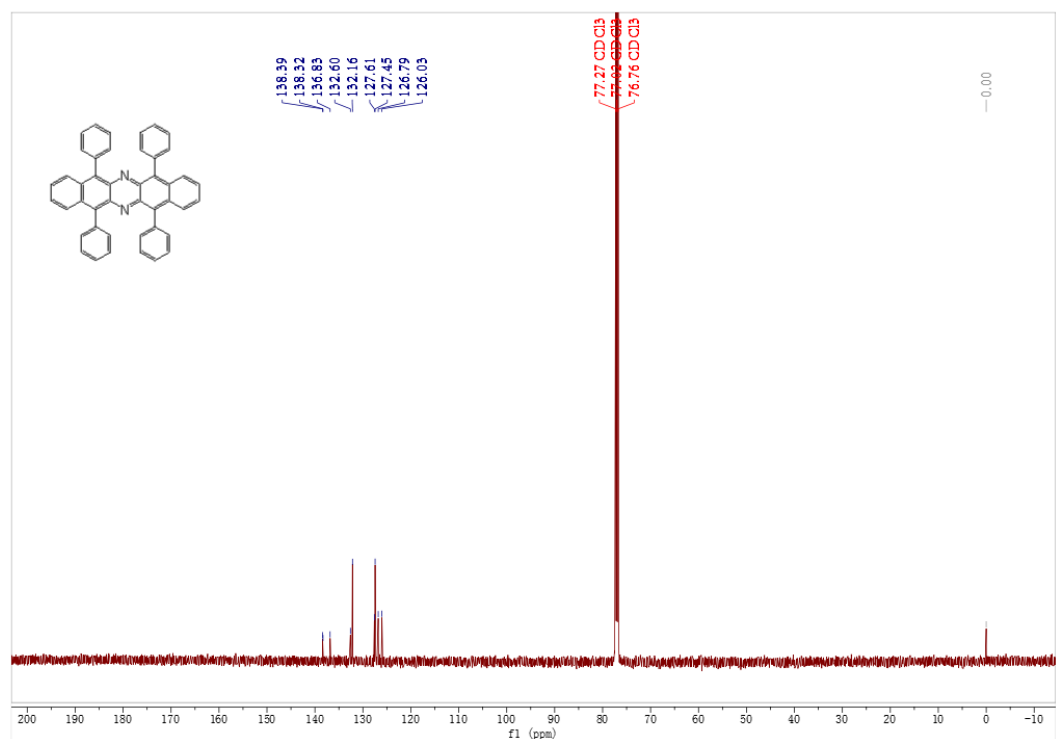
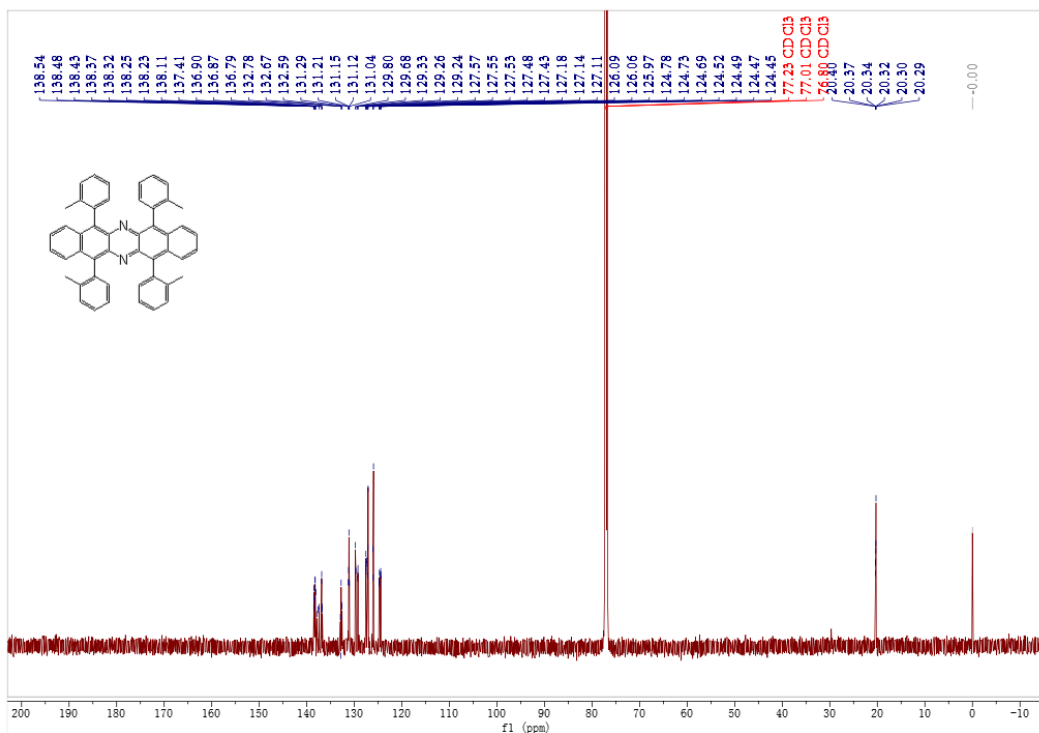
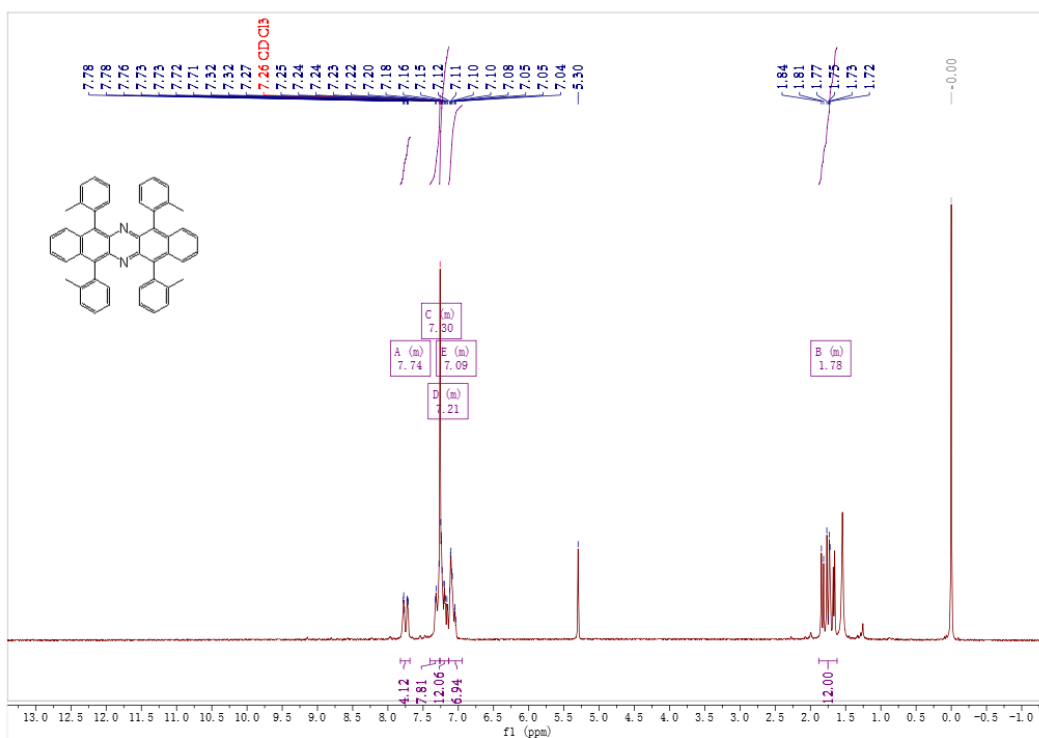


Figure S31. ¹³C-NMR spectrum of the compound of 7a



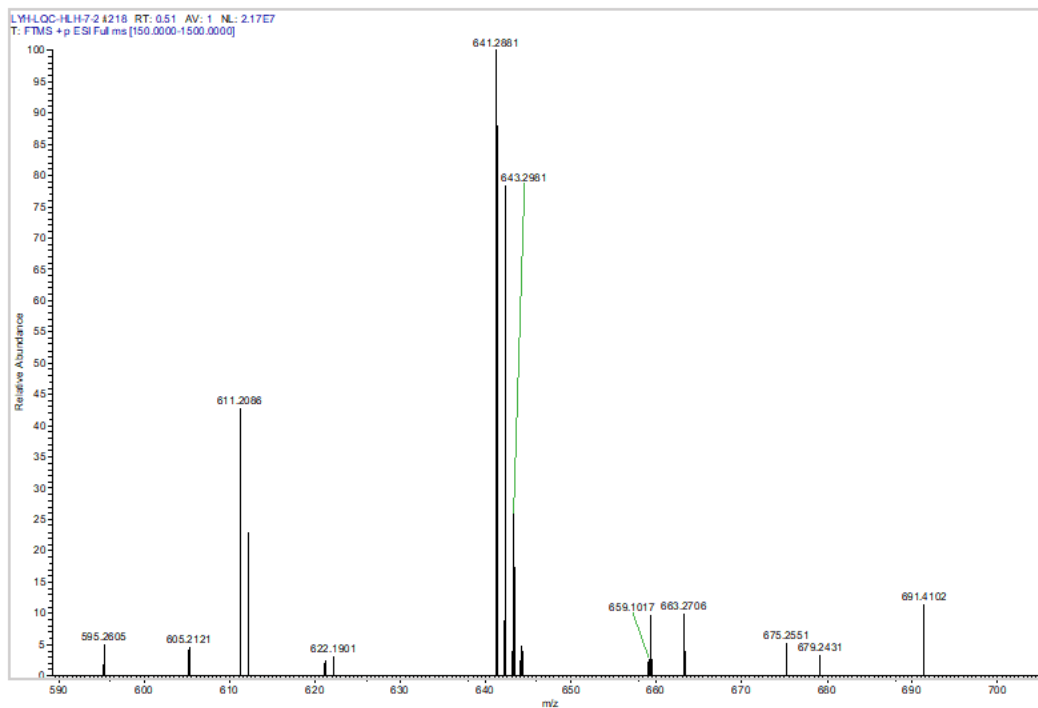


Figure S34. HRMS(ESI) spectrum of the compound of **7b**

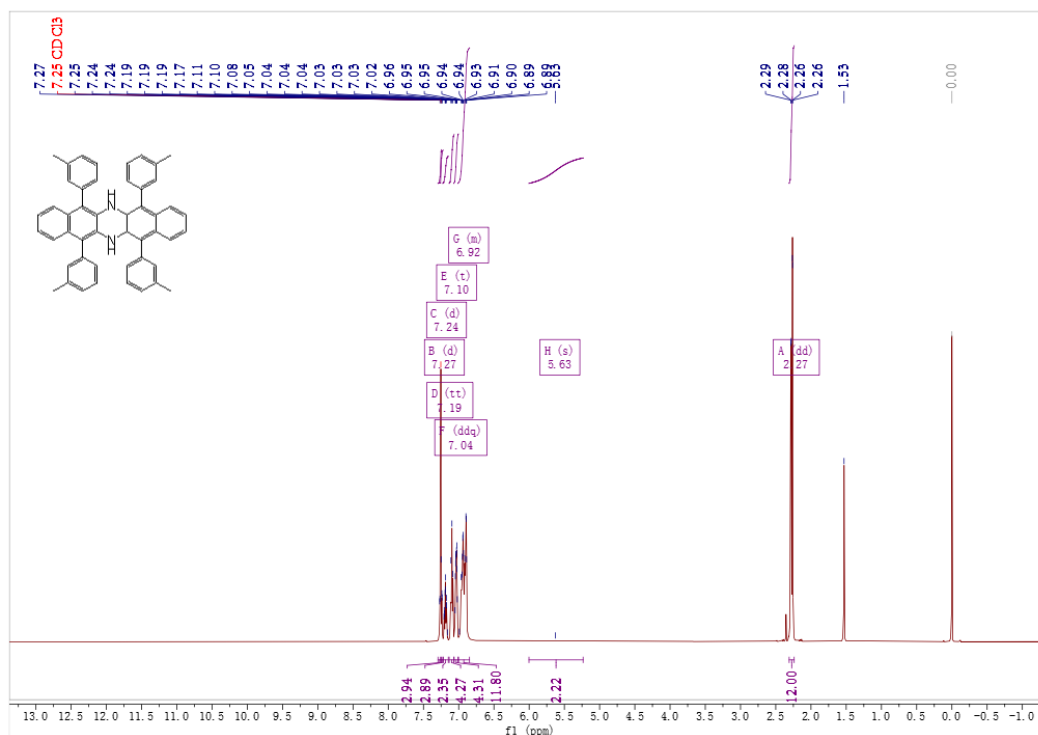


Figure S35. ^1H NMR spectrum of the compound of **6c**

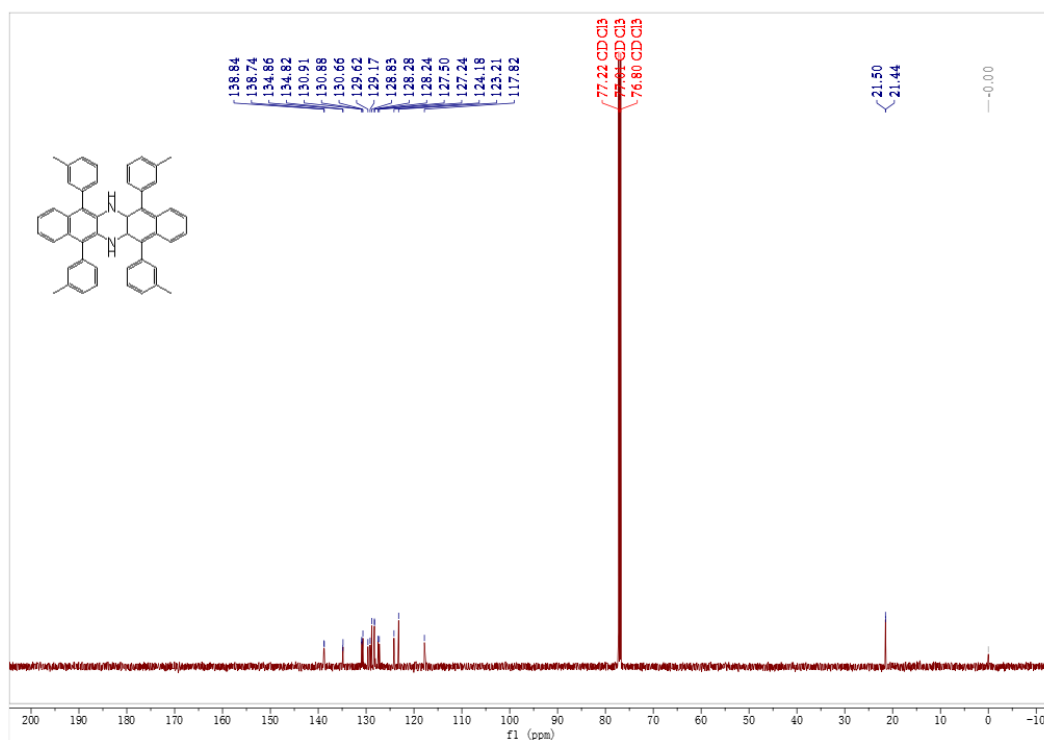


Figure S36. ^{13}C -NMR spectrum of the compound of **6c**

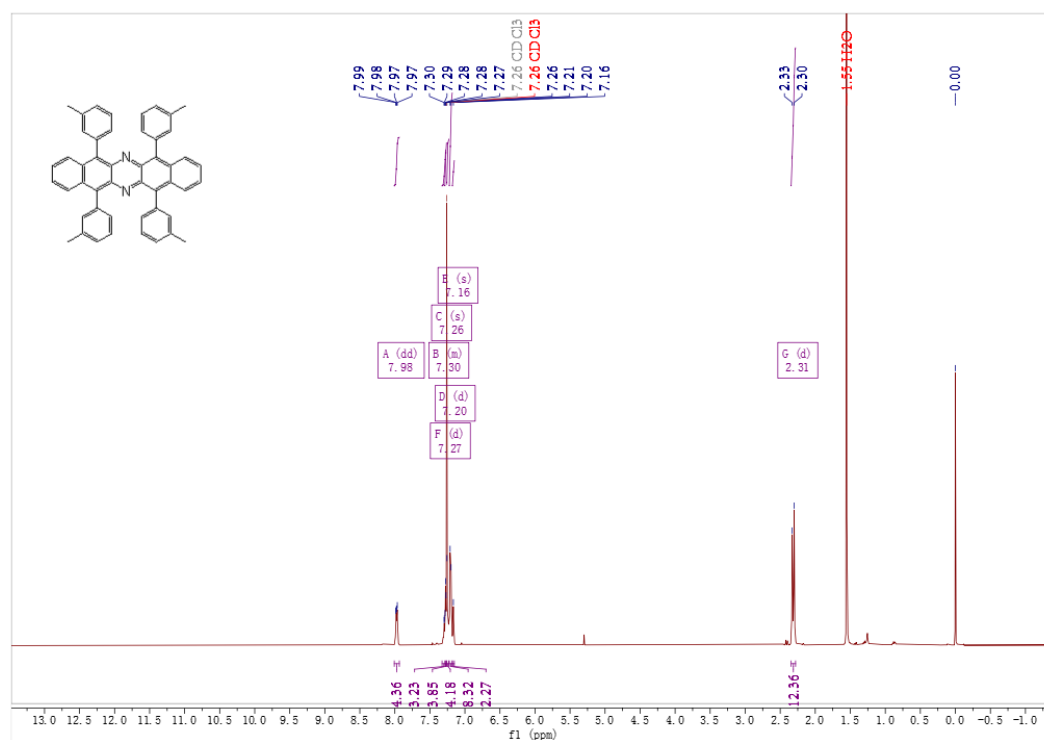


Figure S37. ^1H NMR spectrum of the compound of **7c**

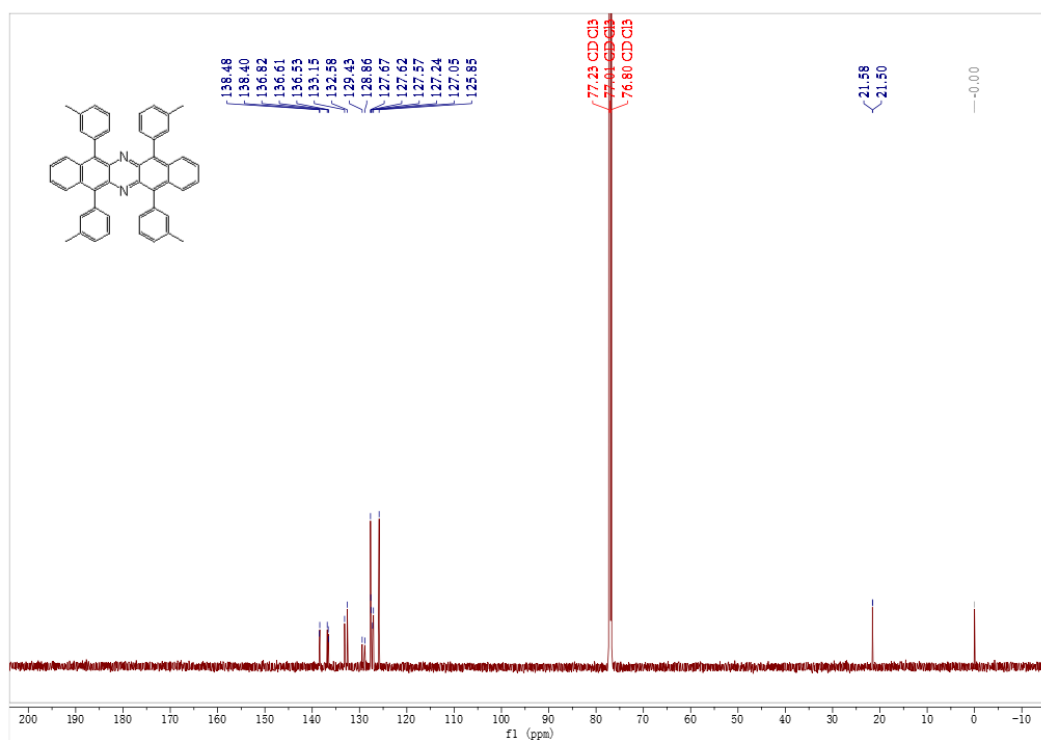


Figure S38. ¹³C NMR spectrum of the compound of 7c

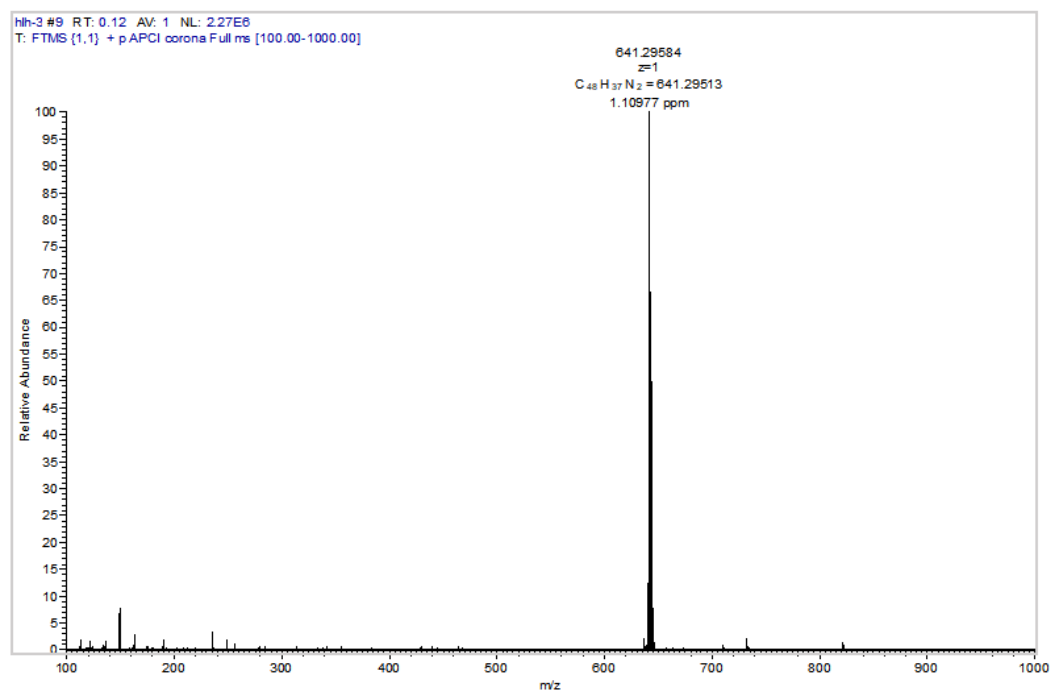


Figure S39. HRMS(APCI) spectrum of the compound of 7c

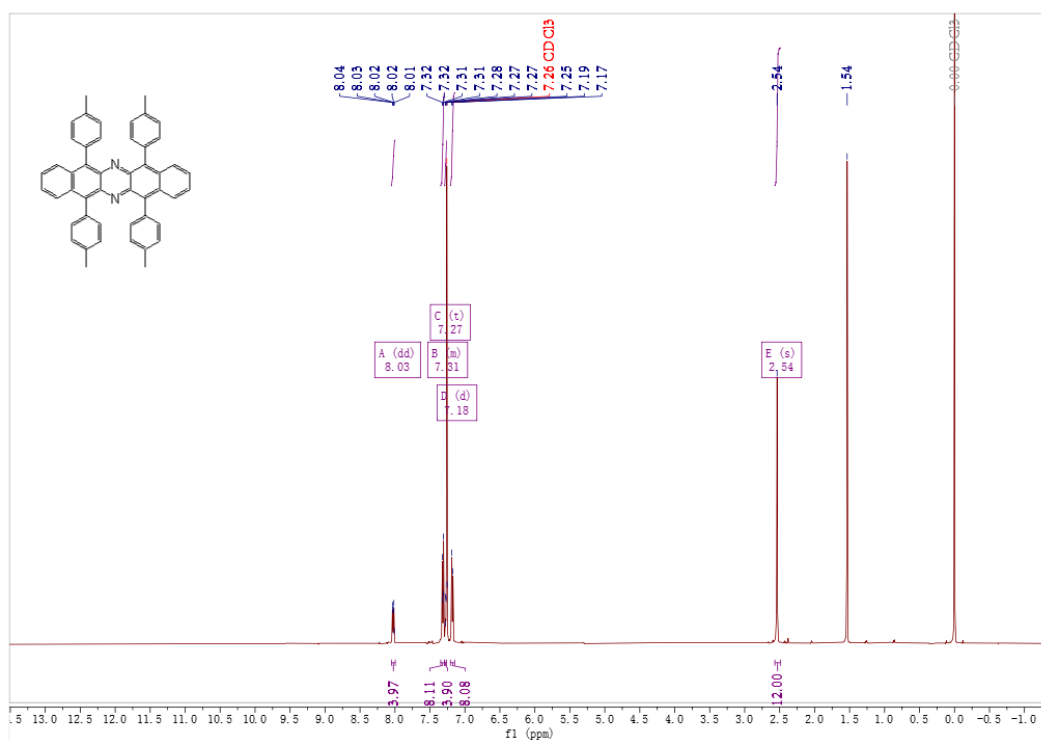


Figure S40. ¹H NMR spectrum of the compound of 7d

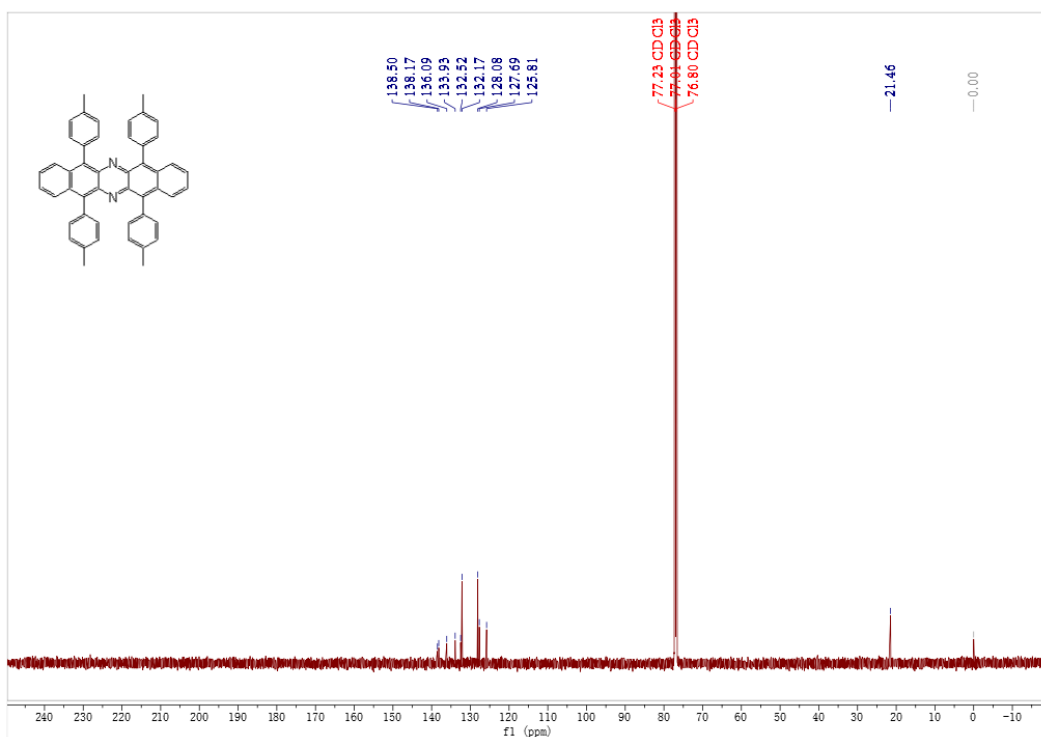


Figure S41. ¹³C NMR spectrum of the compound of 7d

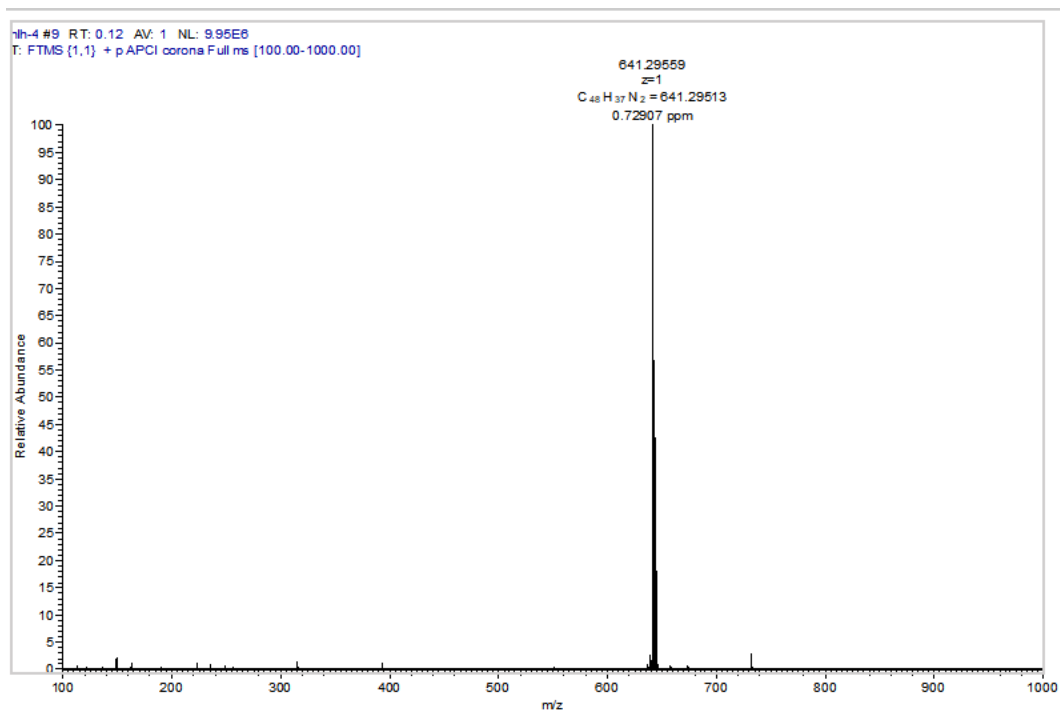


Figure S42. HRMS(APCI) spectrum of the compound of **7d**

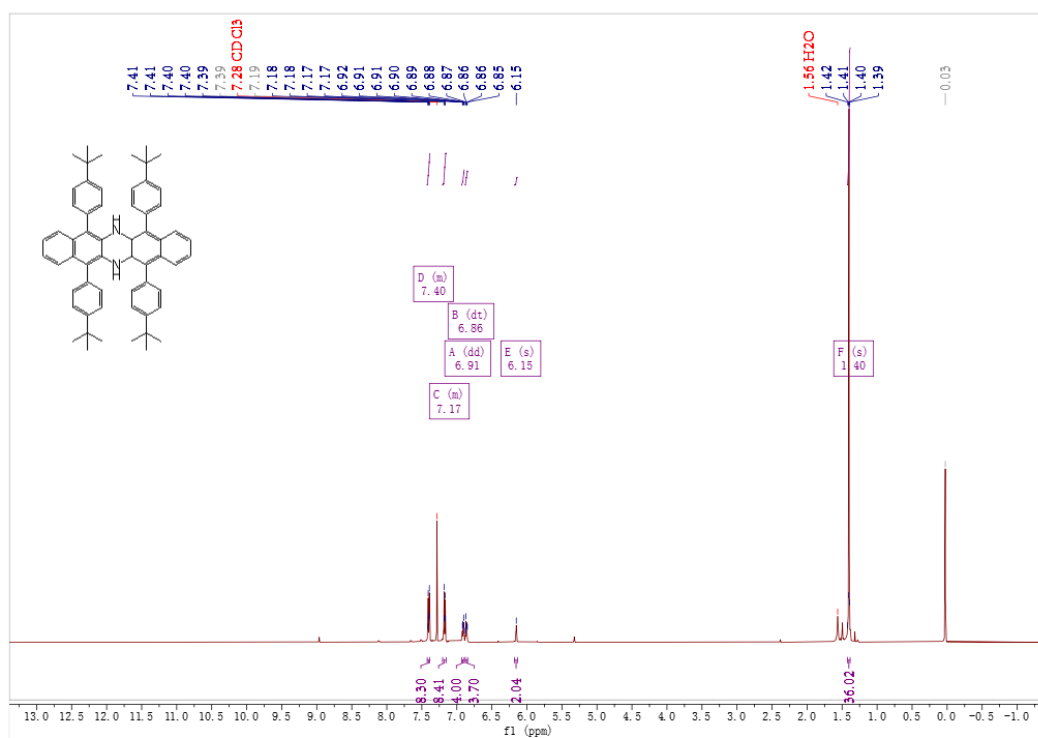


Figure S43. ¹H NMR spectrum of the compound of **6e**

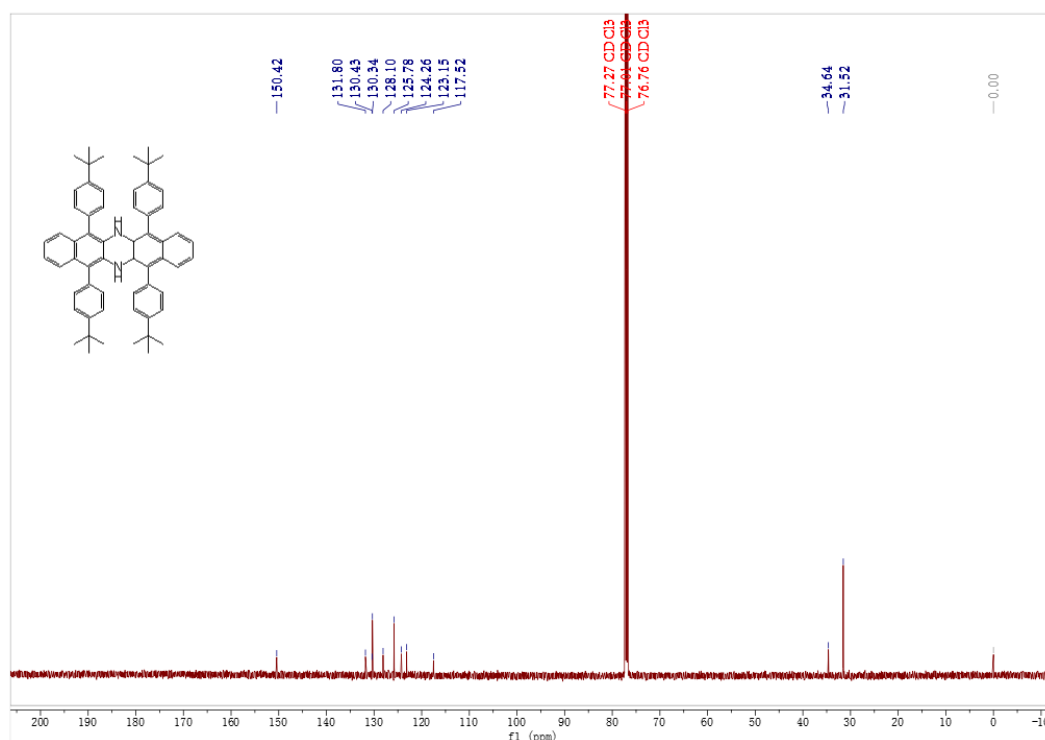


Figure S44. ^{13}C NMR spectrum of the compound of **6e**

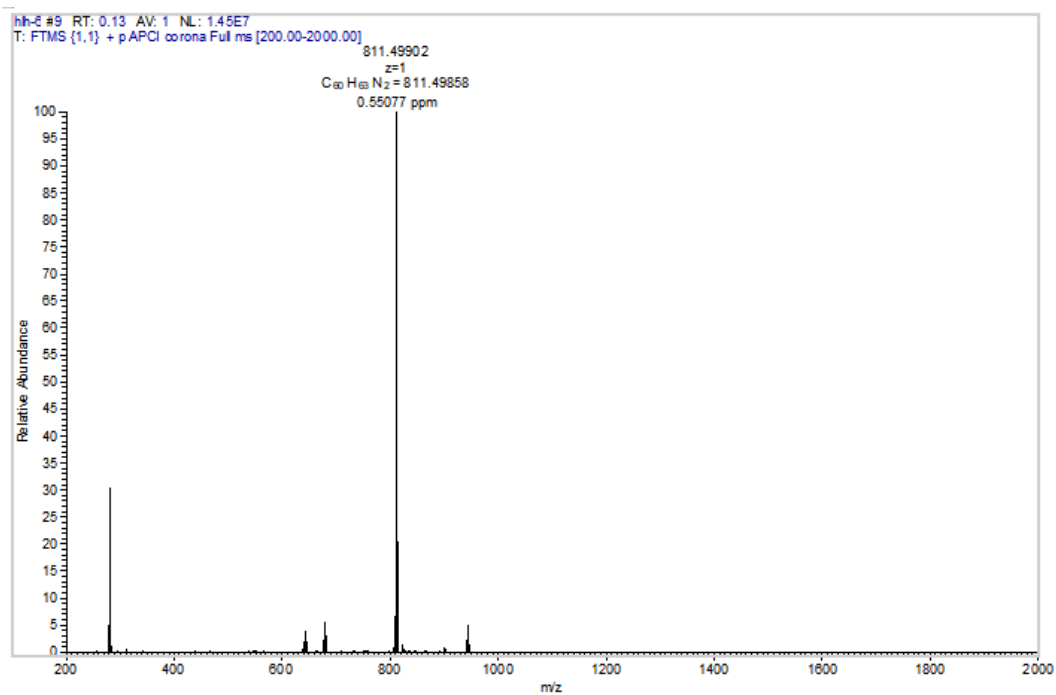


Figure S45. HRMS (APCI) spectrum of the compound of **6e**

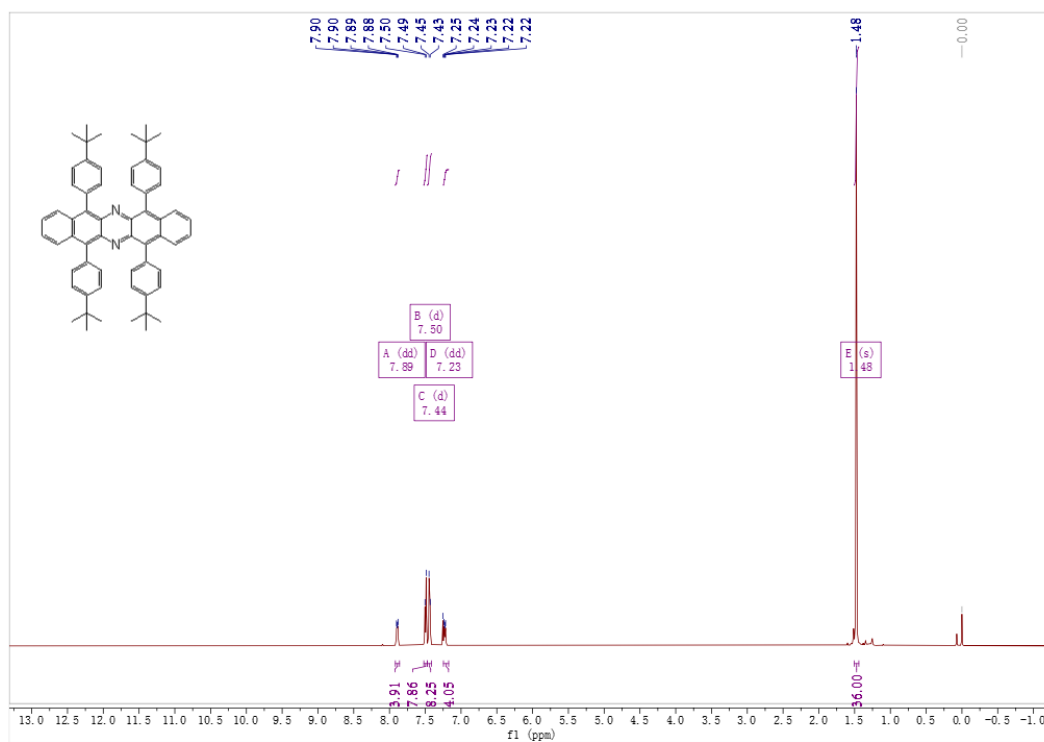


Figure S46. ¹H NMR spectrum of the compound of **7e**

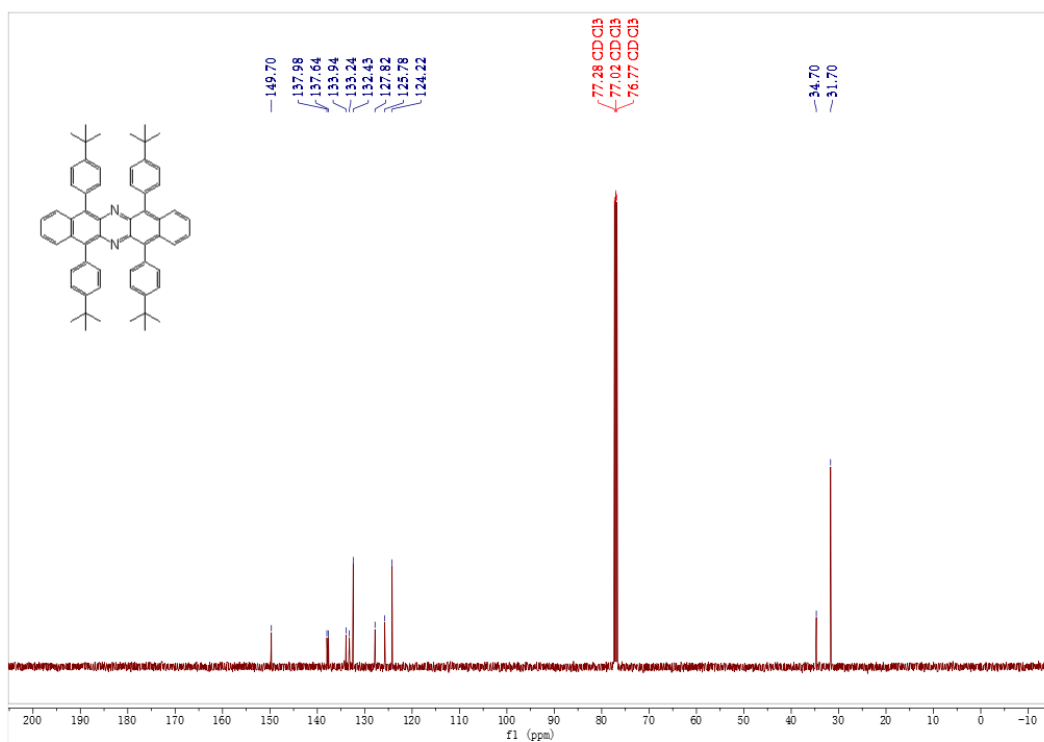


Figure S47. ¹³C NMR spectrum of the compound of **7e**

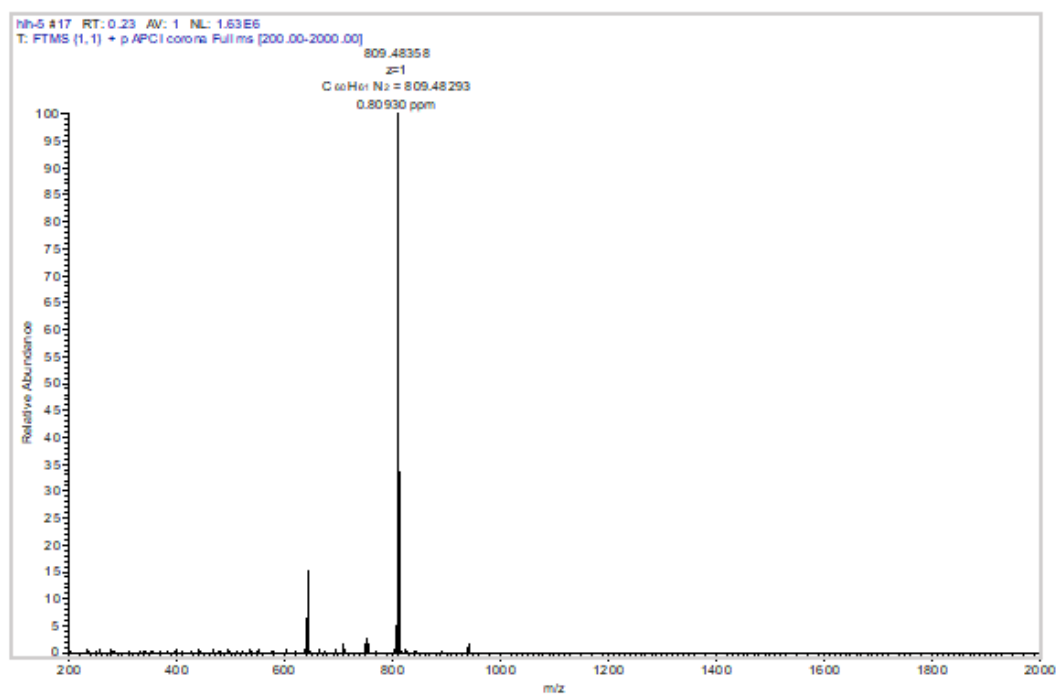


Figure S48. HRMS(APCI) spectrum of the compound of **7e**

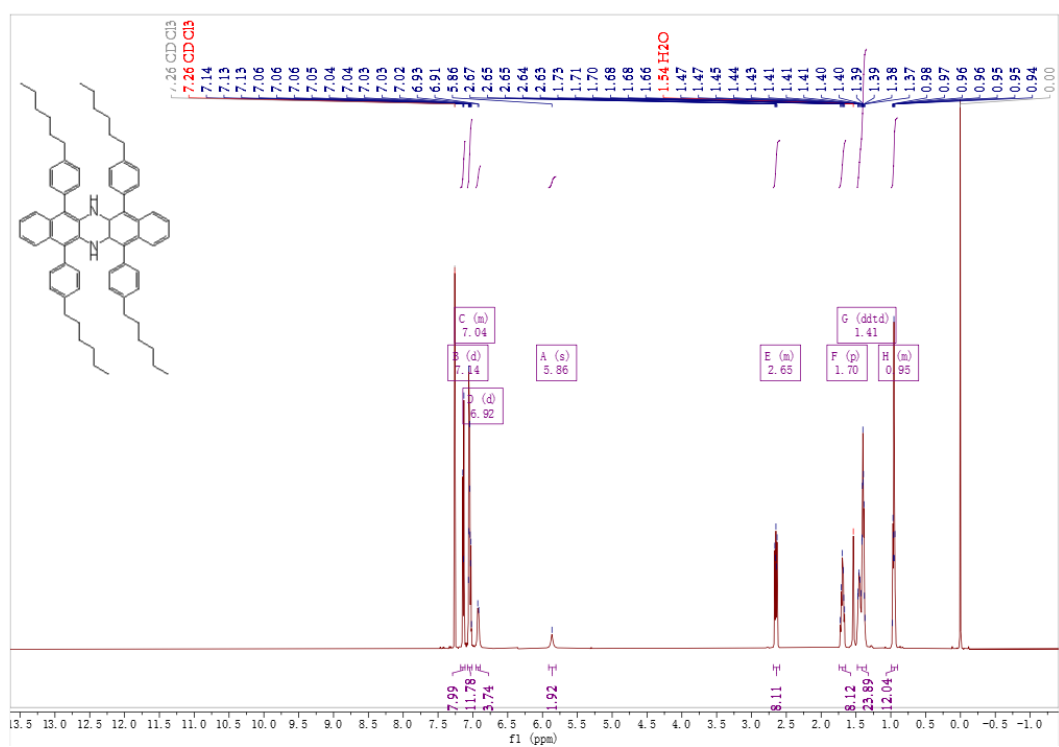


Figure S49. ¹H NMR spectrum of the compound of **6f**

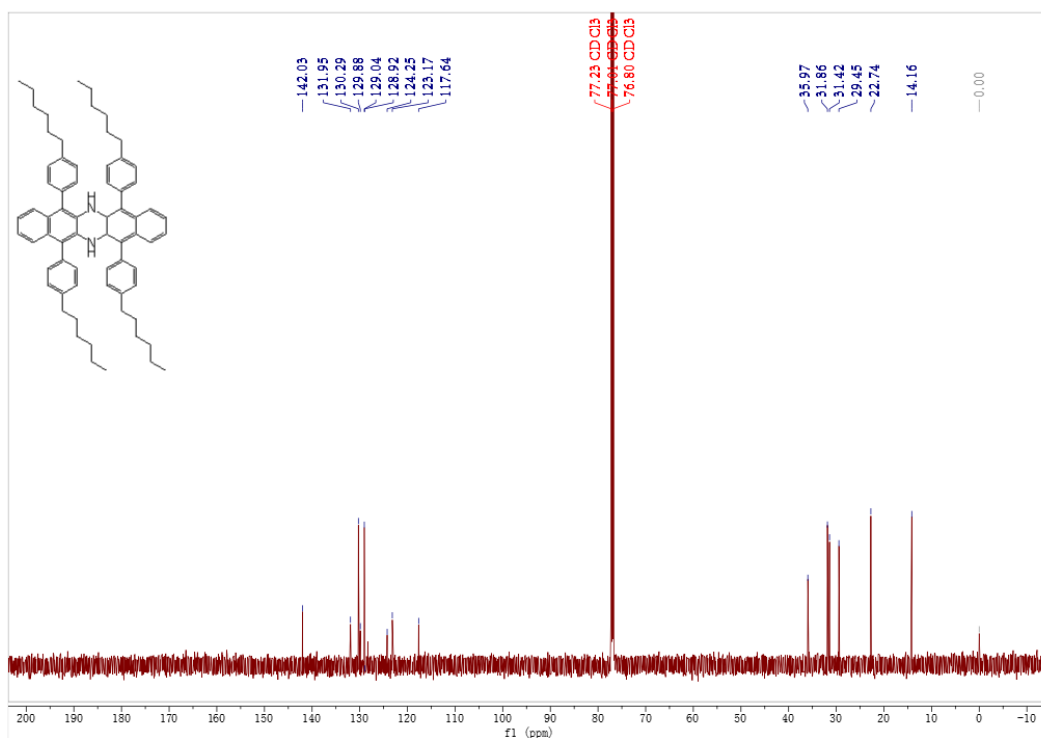


Figure S50. ^{13}C NMR spectrum of the compound of **6f**

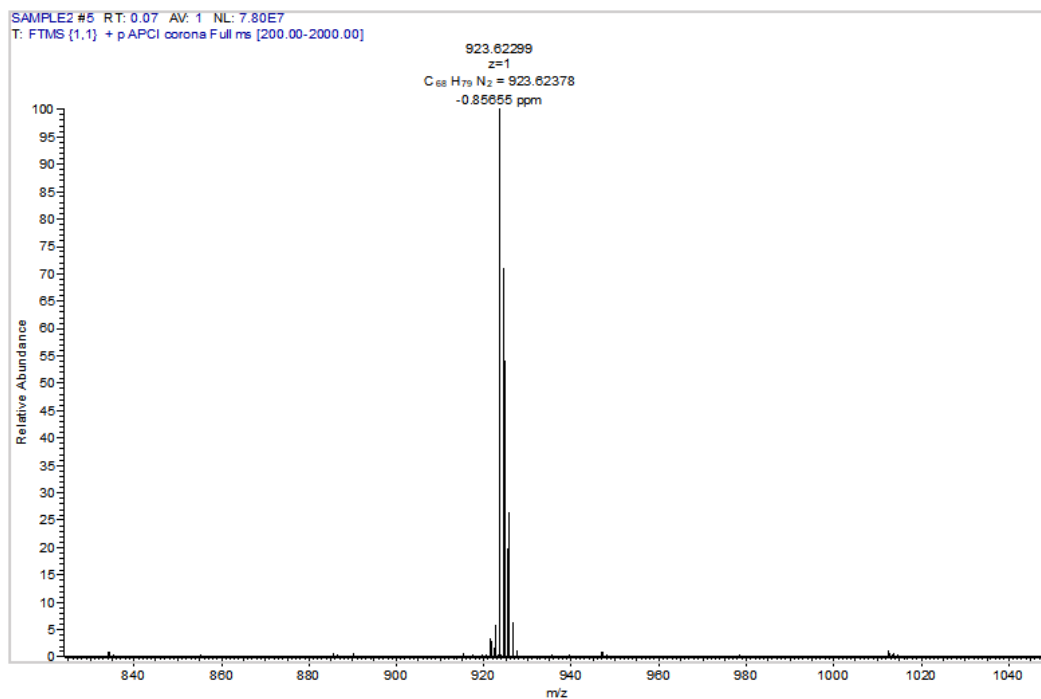


Figure S51. HRMS(APCI) spectrum of the compound of **6f**

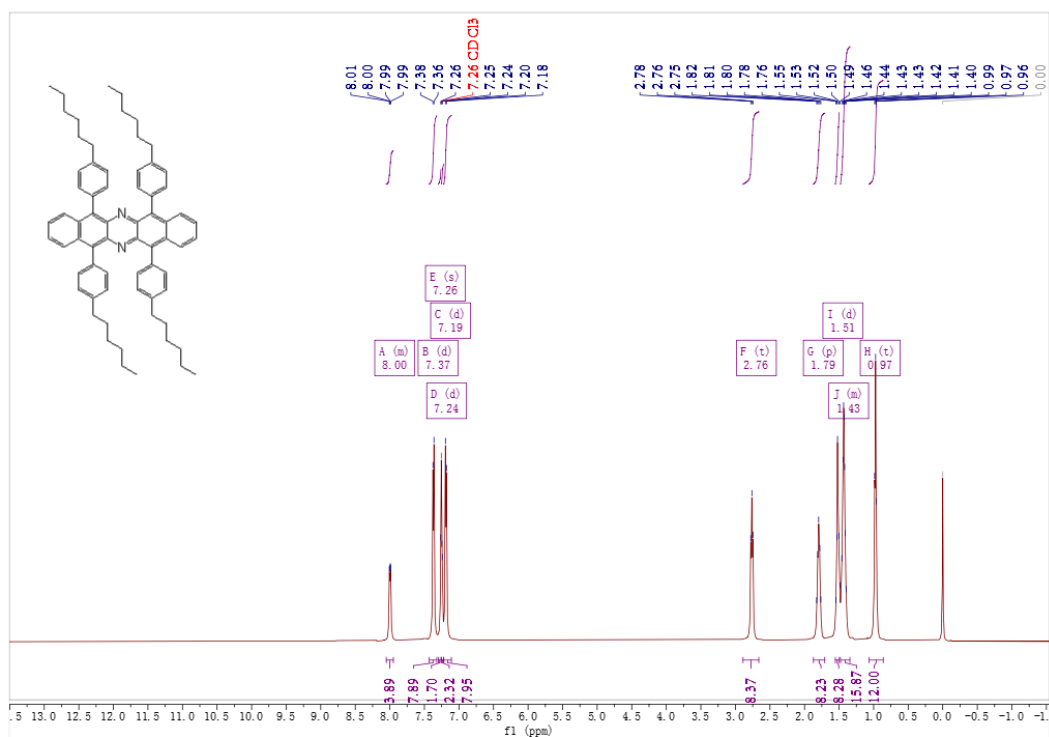


Figure S52. ¹H NMR spectrum of the compound of **7f**

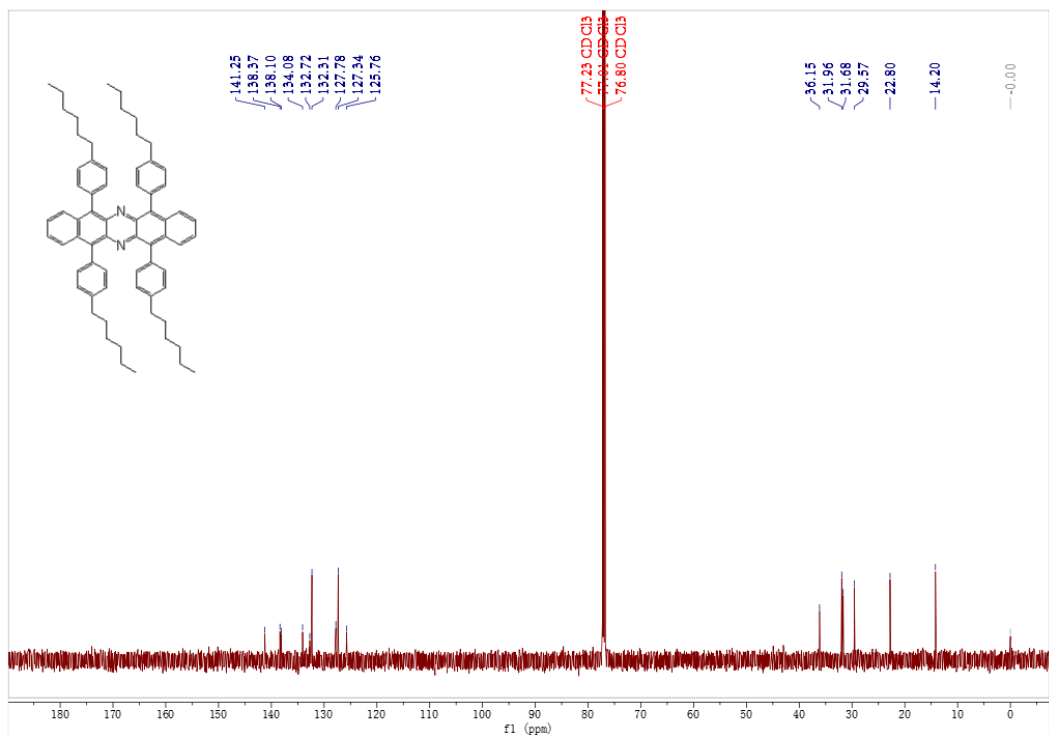


Figure S53. ¹³C NMR spectrum of the compound of **7f**

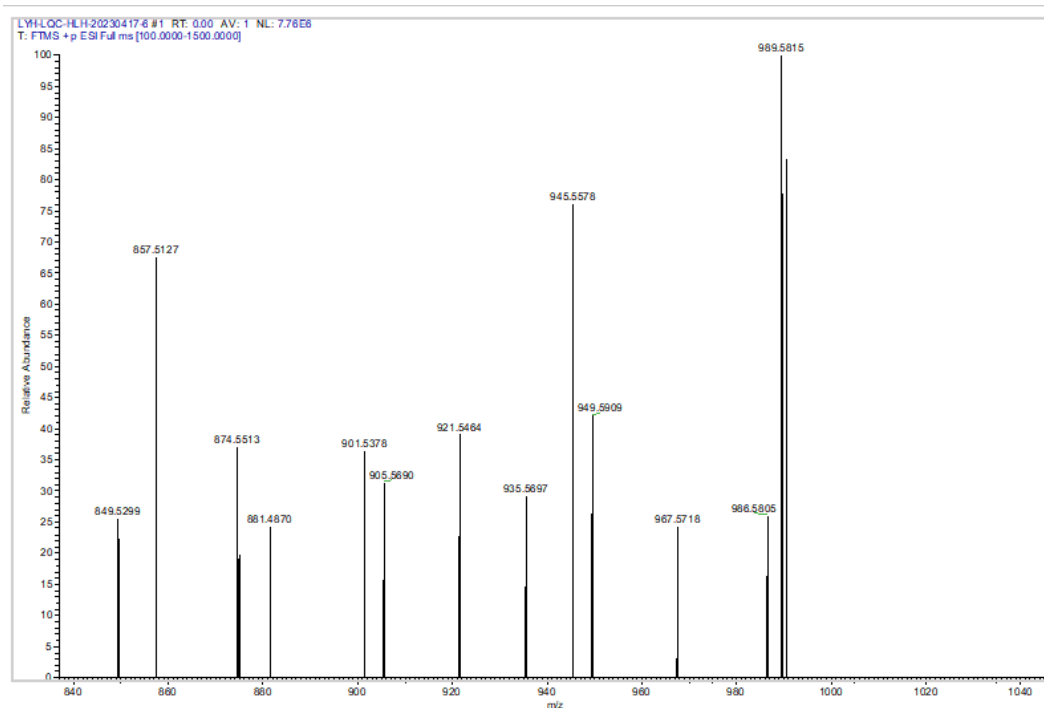


Figure S54. HRMS(ESI) spectrum of the compound of **7f**

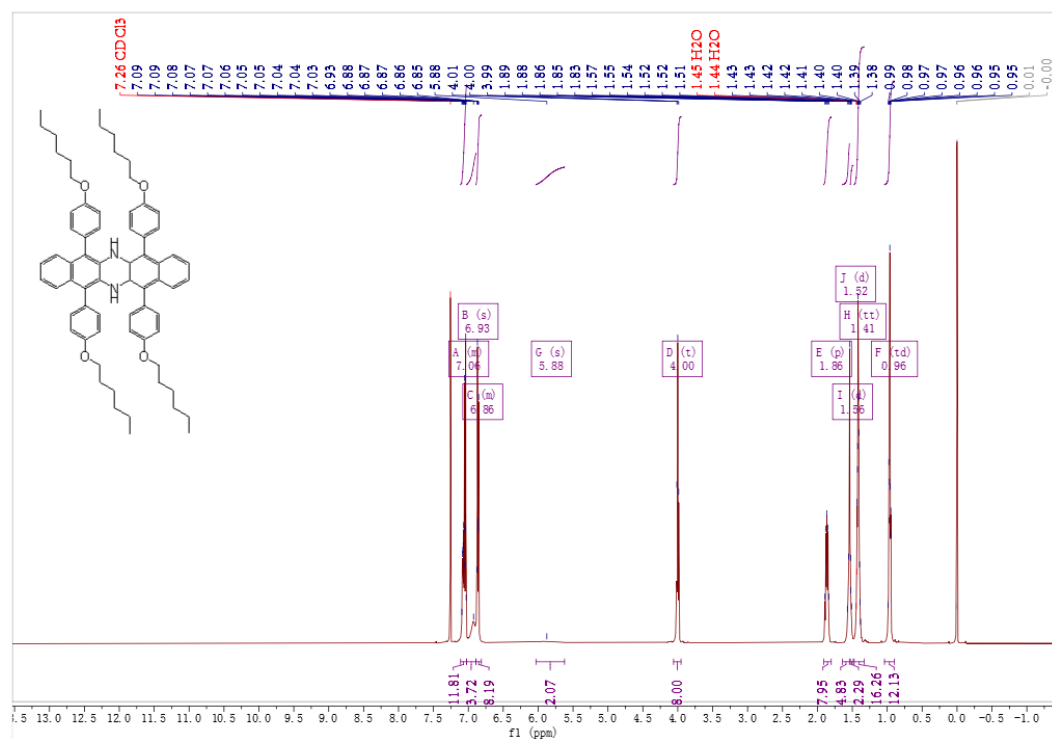


Figure S55. ^1H NMR spectrum of the compound of **6g**

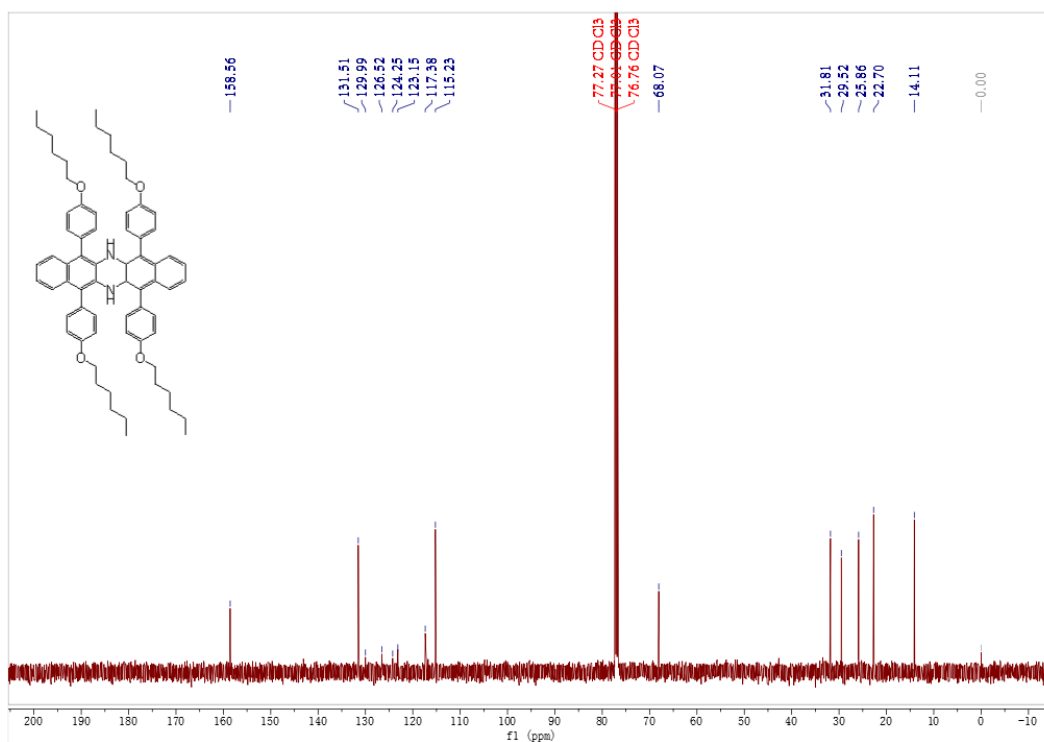


Figure S56. ^{13}C NMR spectrum of the compound of **6g**

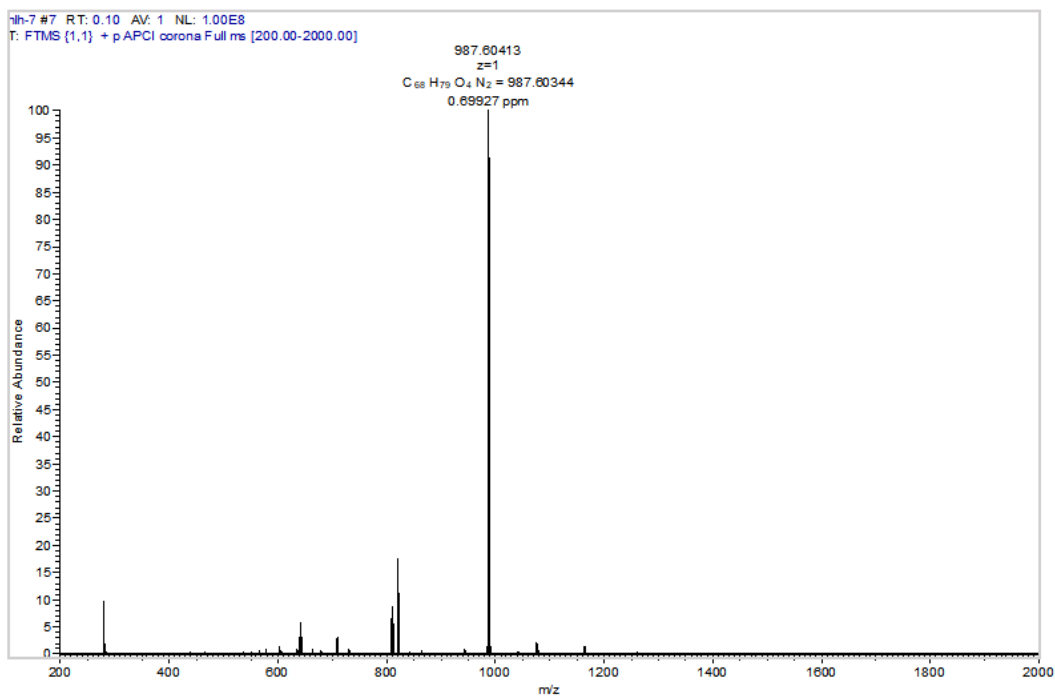


Figure S57. HRMS(APCI) spectrum of the compound of **6g**

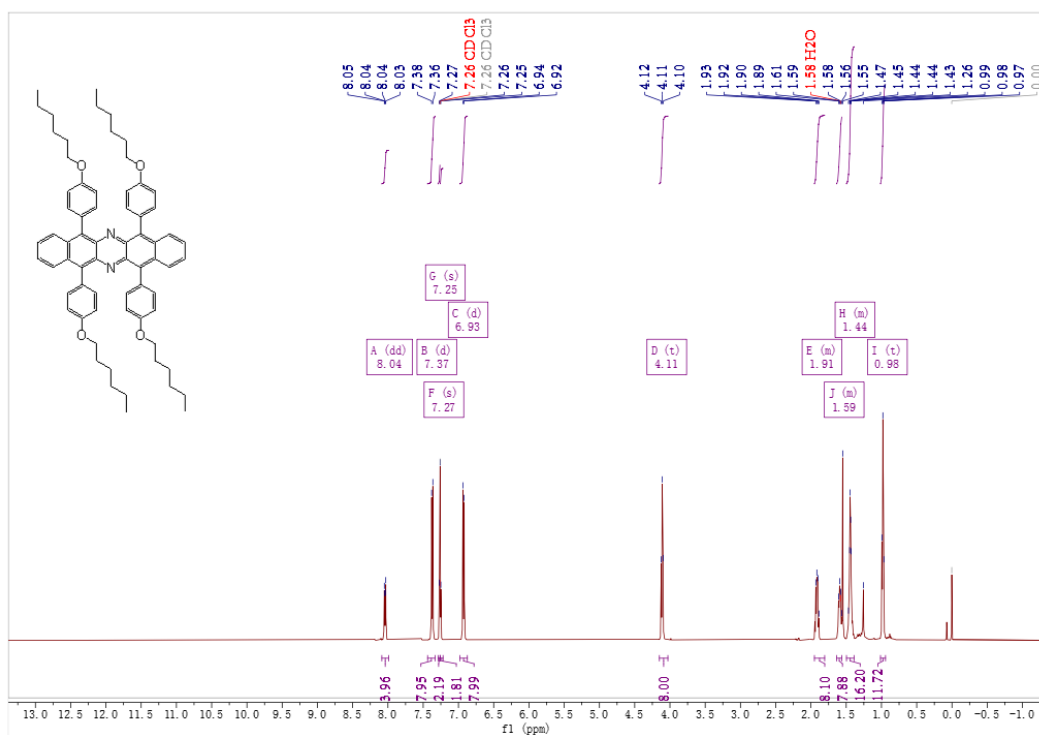


Figure S58. ¹H NMR spectrum of the compound of **7g**

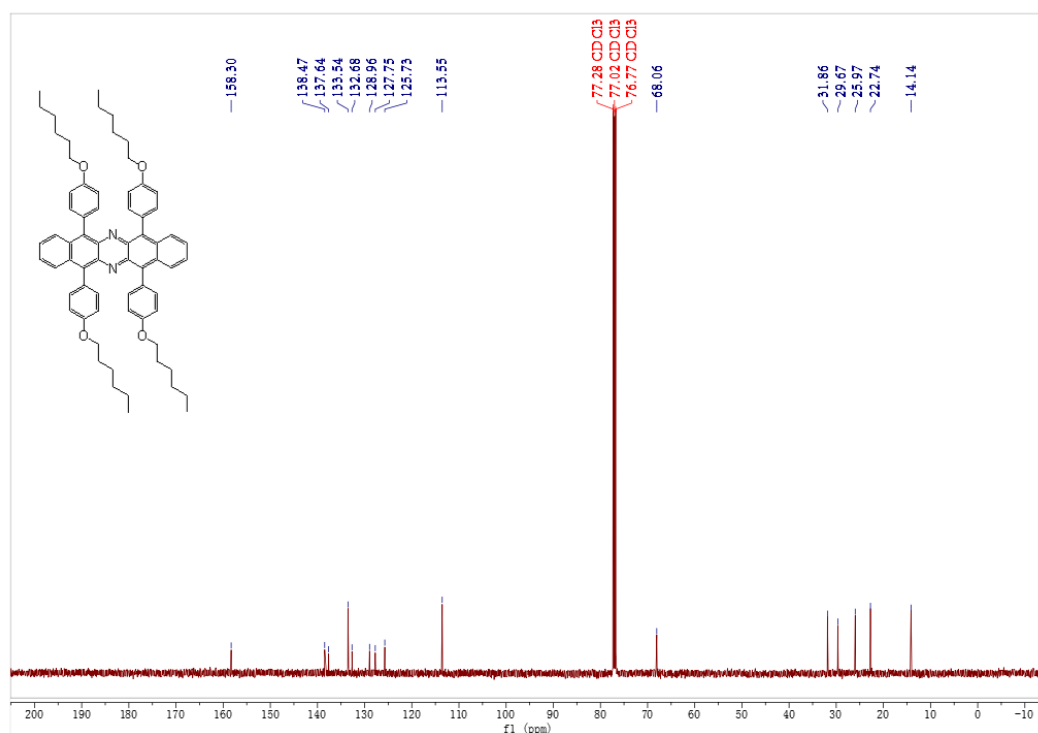


Figure S59. ¹³C NMR spectrum of the compound of **7g**

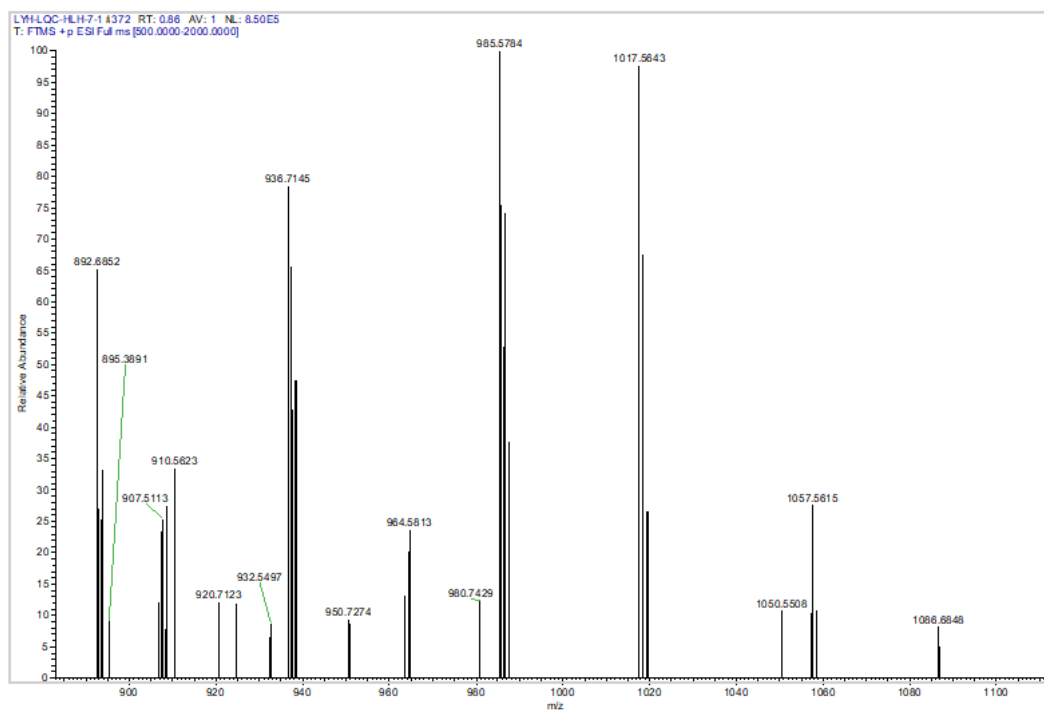


Figure S60. HRMS(ESI) spectrum of the compound of **7g**

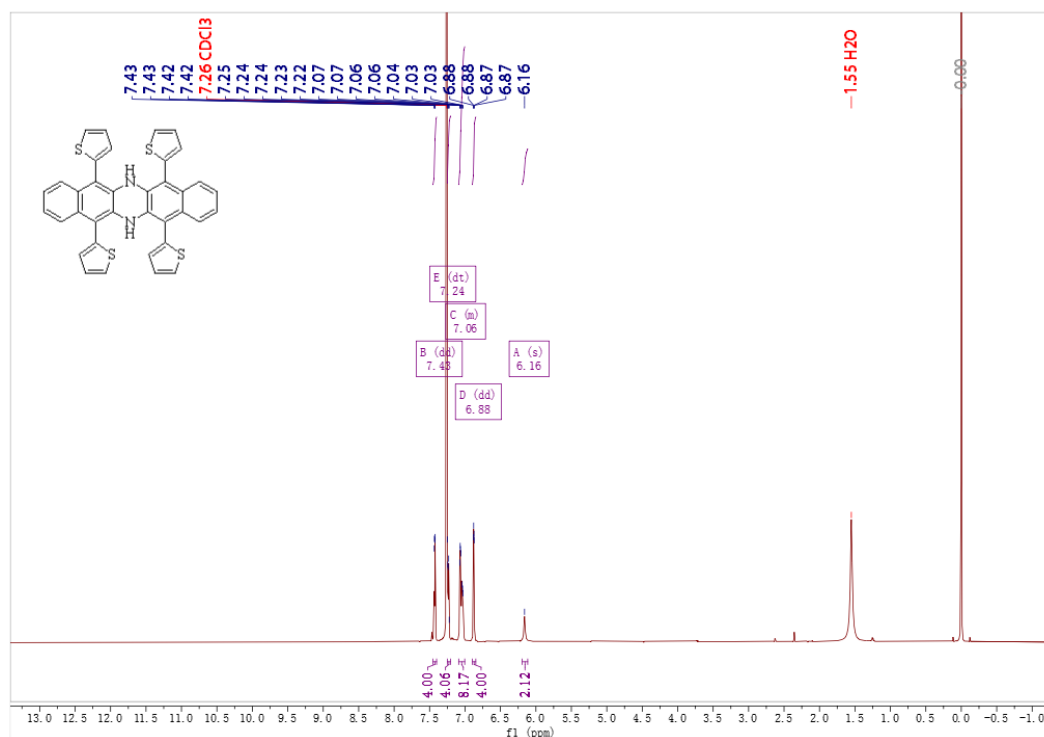


Figure S61. ¹H NMR spectrum of the compound of **6h**

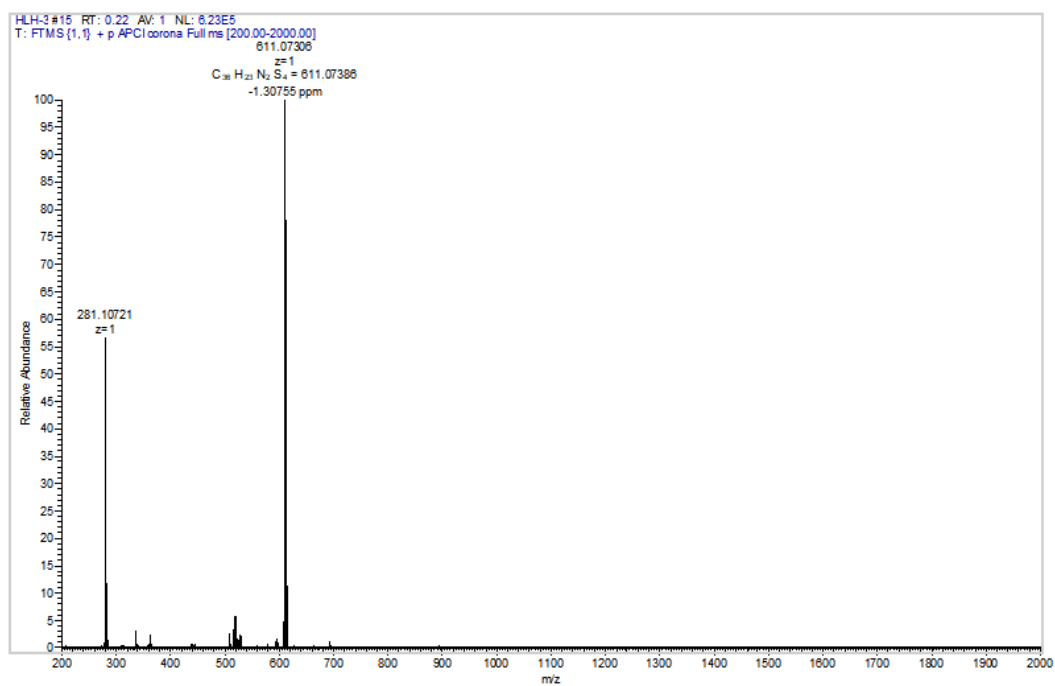


Figure S62. HRMS(APCI) spectrum of the compound of **6h**

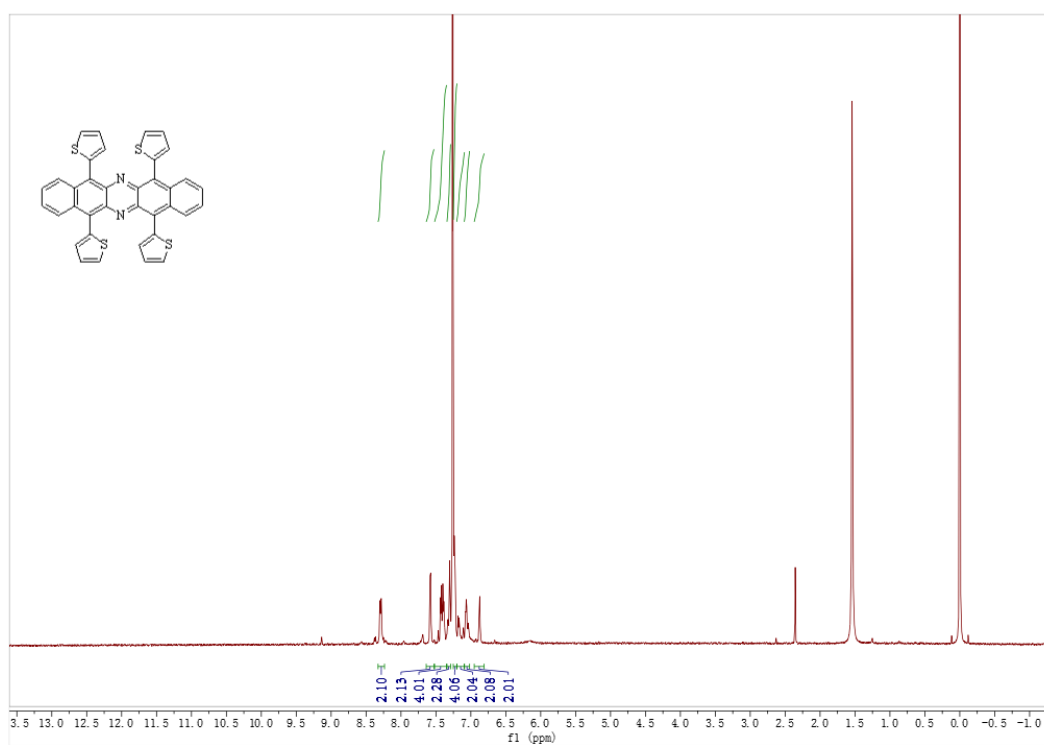


Figure S63. ¹H NMR spectrum of the compound of **7h**

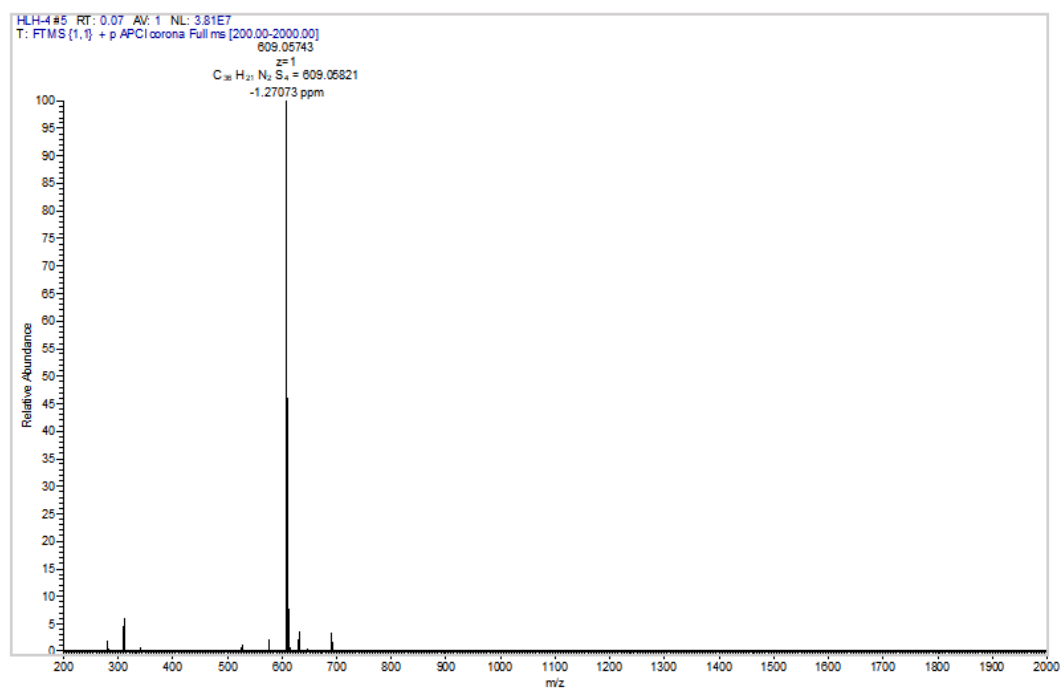


Figure S64. HRMS(APCI) spectrum of the compound of **7h**

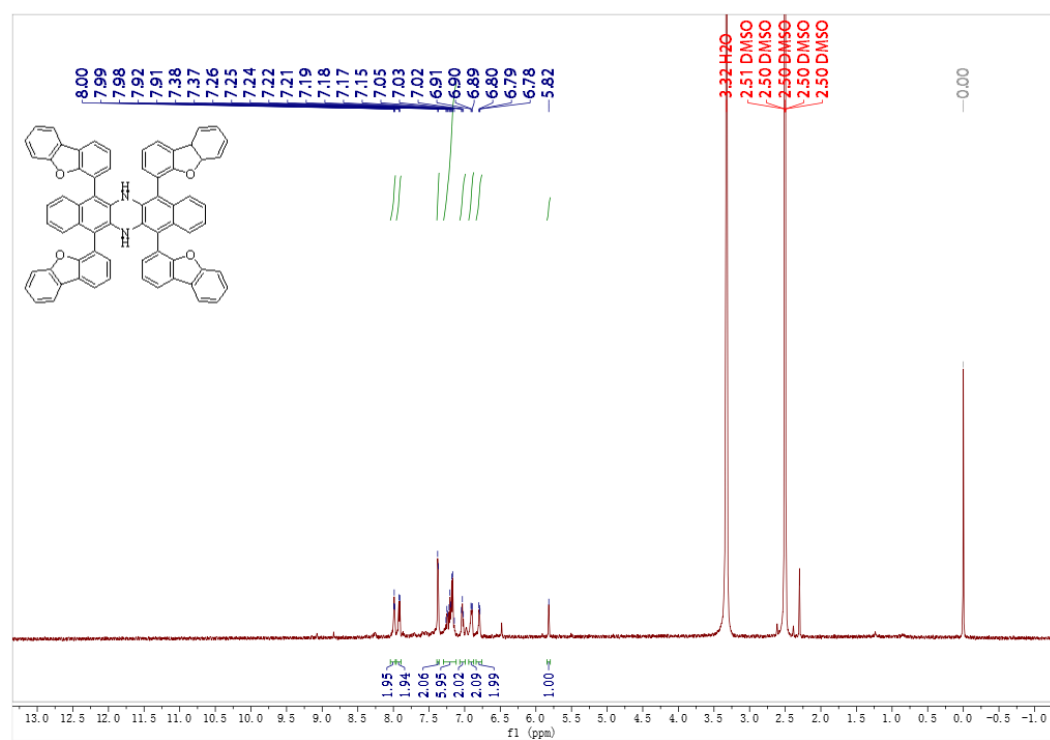


Figure S65. ¹H NMR spectrum of the compound of **6i**

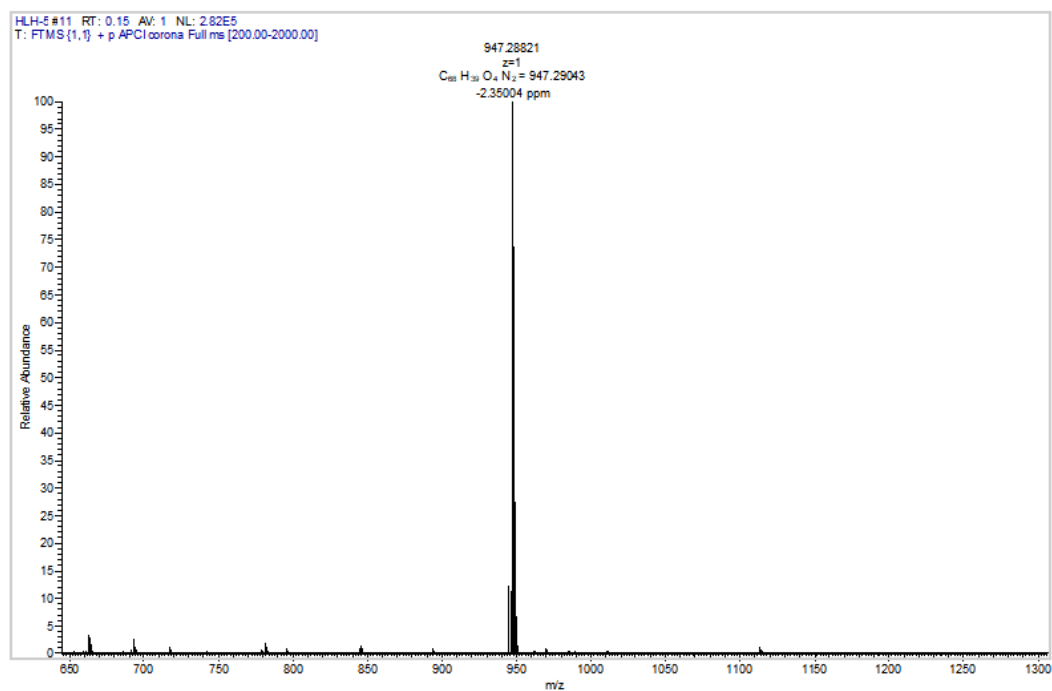


Figure S66. HRMS(APCI) spectrum of the compound of **6i**

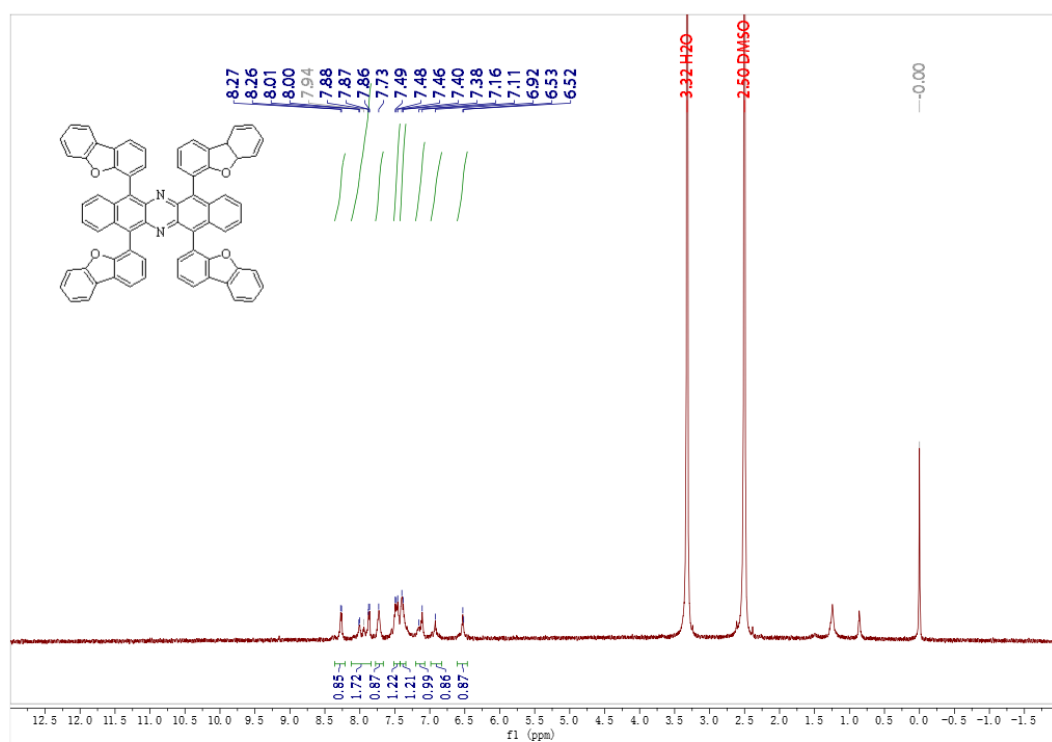


Figure S67. ^1H NMR spectrum of the compound of **7i**

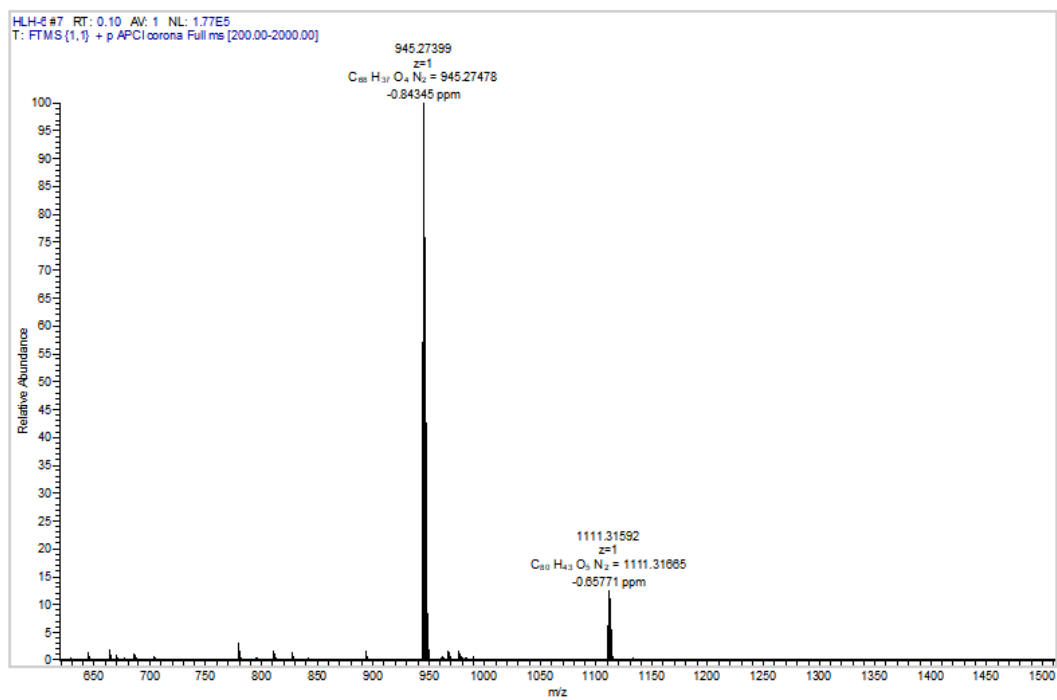


Figure S68. HRMS (APCI) spectrum of the compound of **7i**