

Supplementary Materials

Novel Trifluoromethylcoumarinyl Urea Derivatives: Synthesis, Characterization, Fluorescence and Bioactivity

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¹ H NMR of 1-4	S2-S3
¹ H NMR of 5a-5u	S4-S14
¹³ C NMR of 5a-5u	S15-S25
HR-ESI-MS of 1-4	S26-S27
HR-ESI-MS of 5a-5u	S28-S34

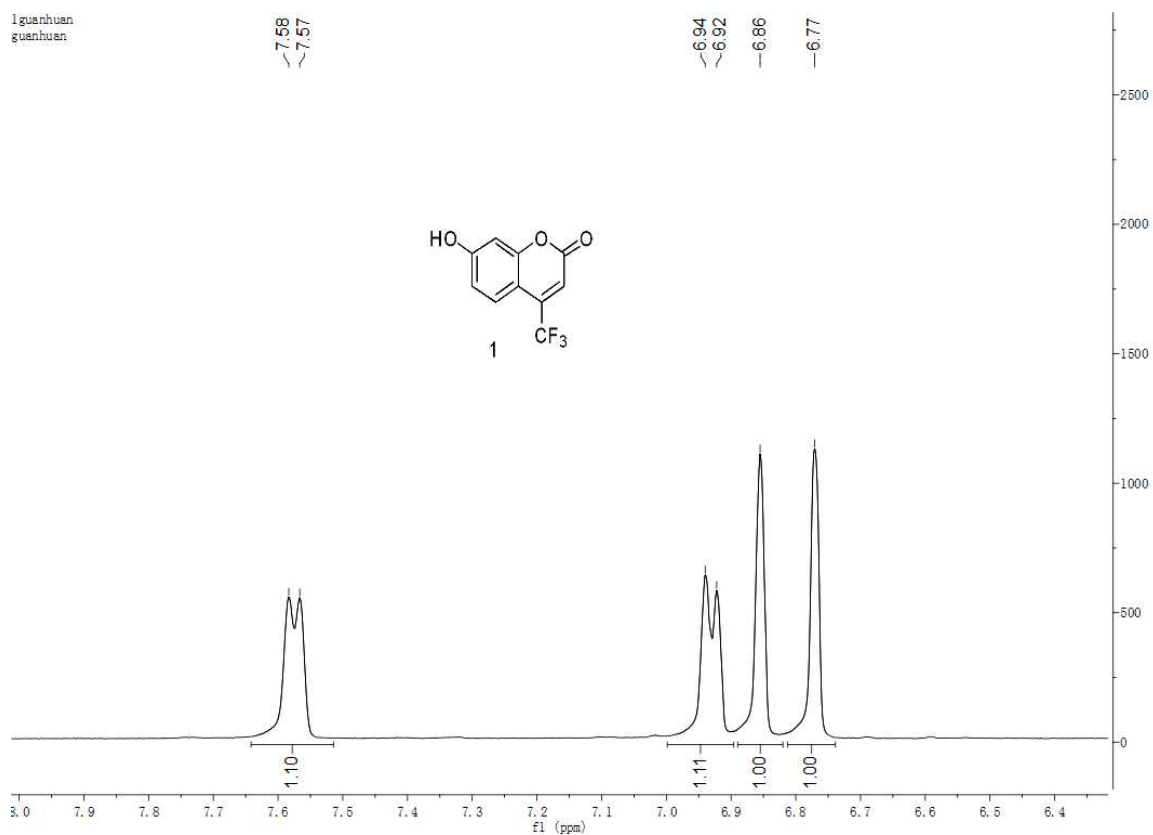


Figure S1. ¹H NMR of 1

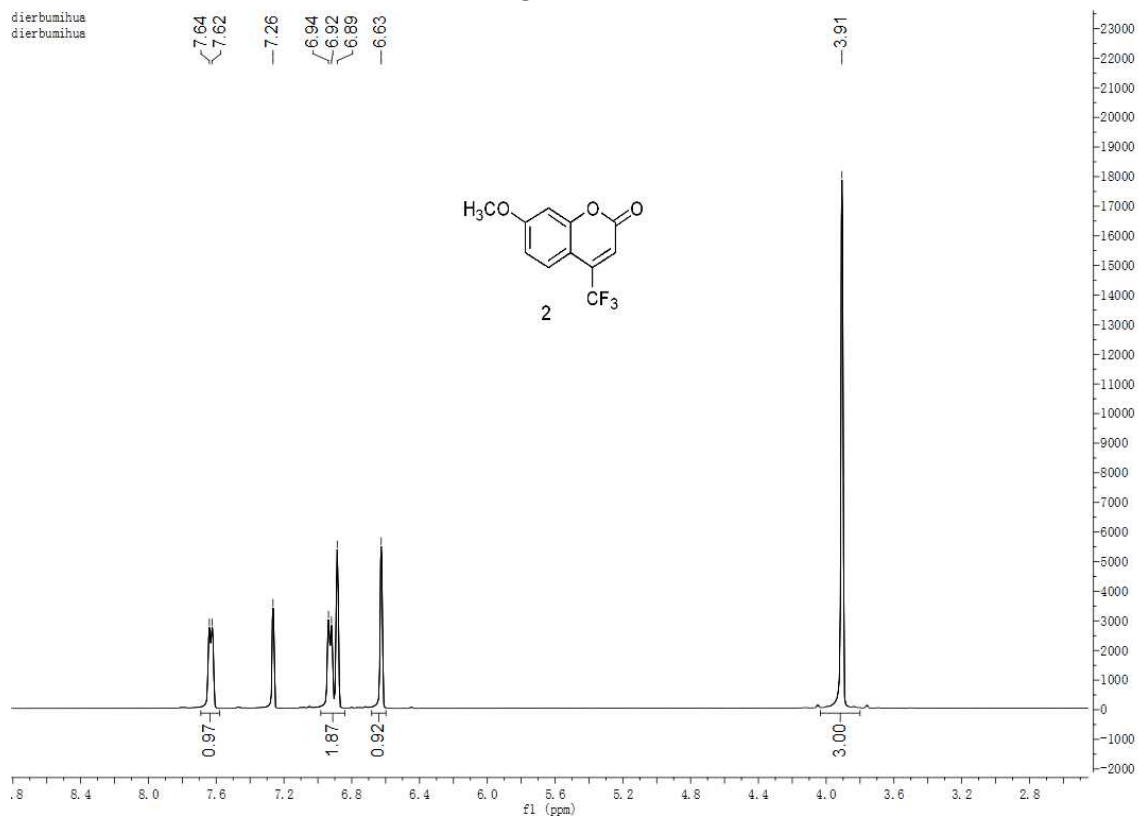
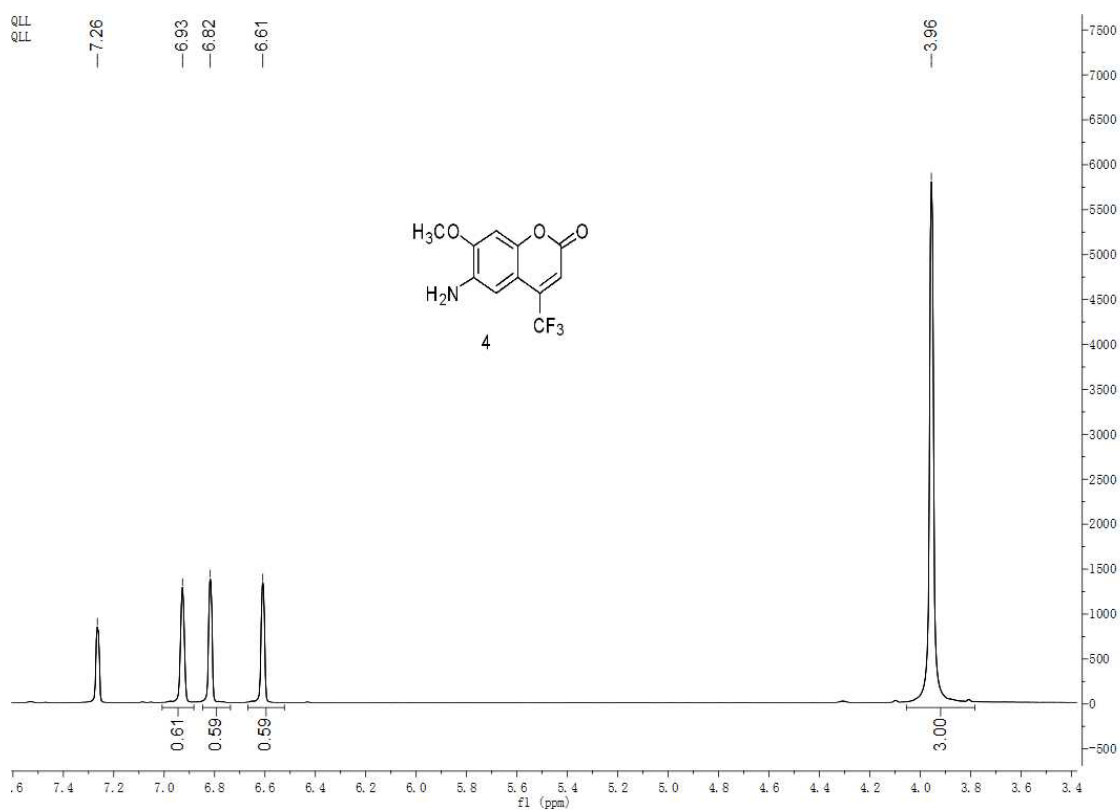
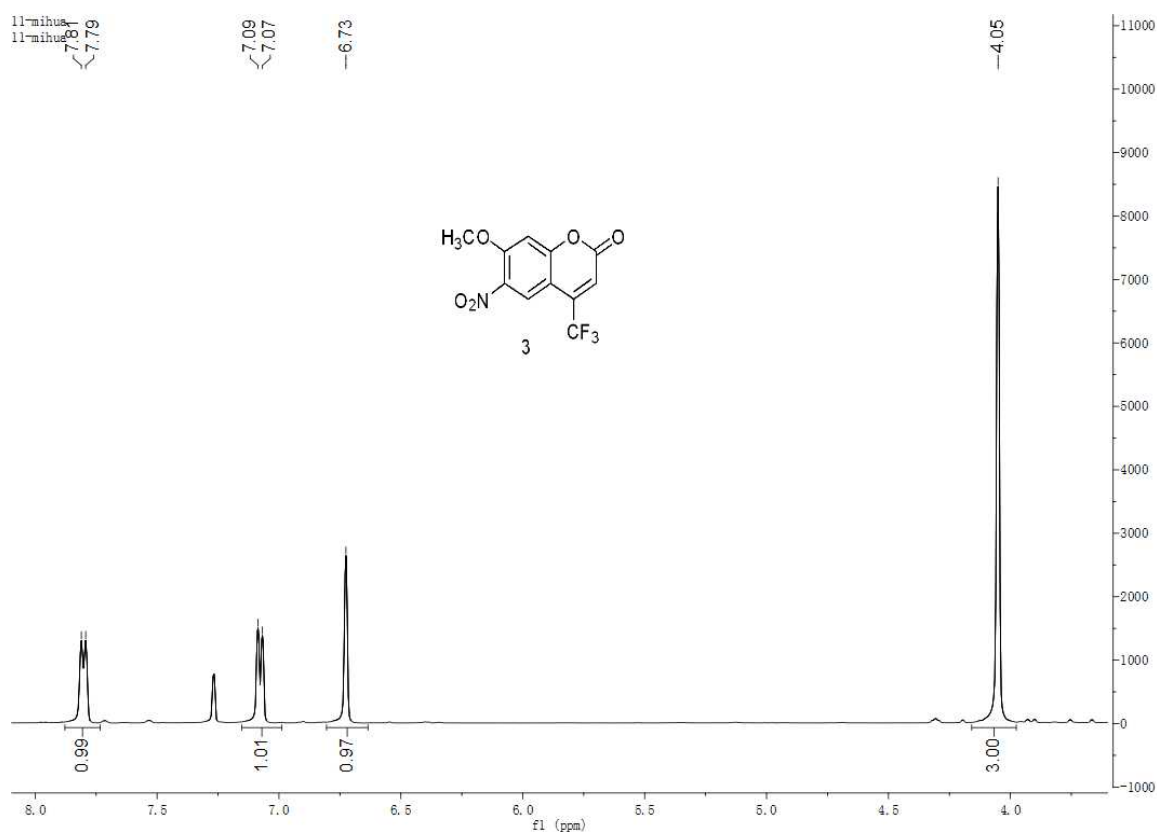
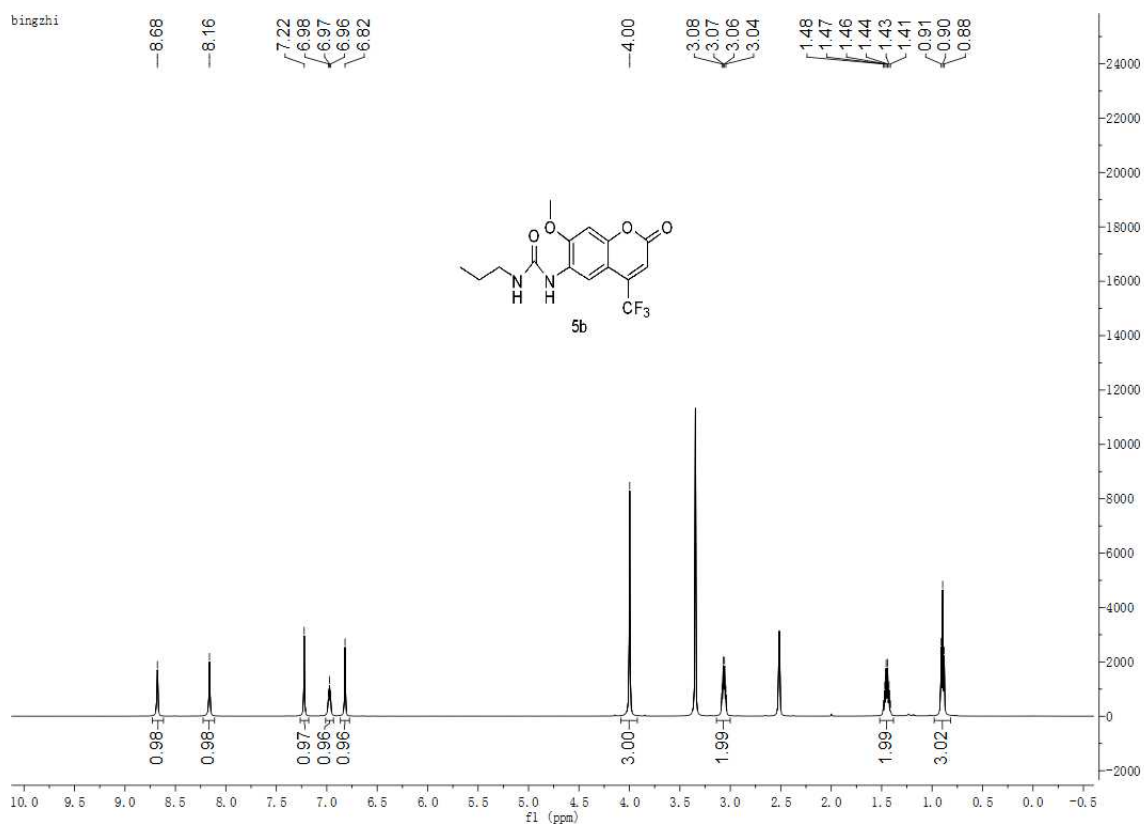
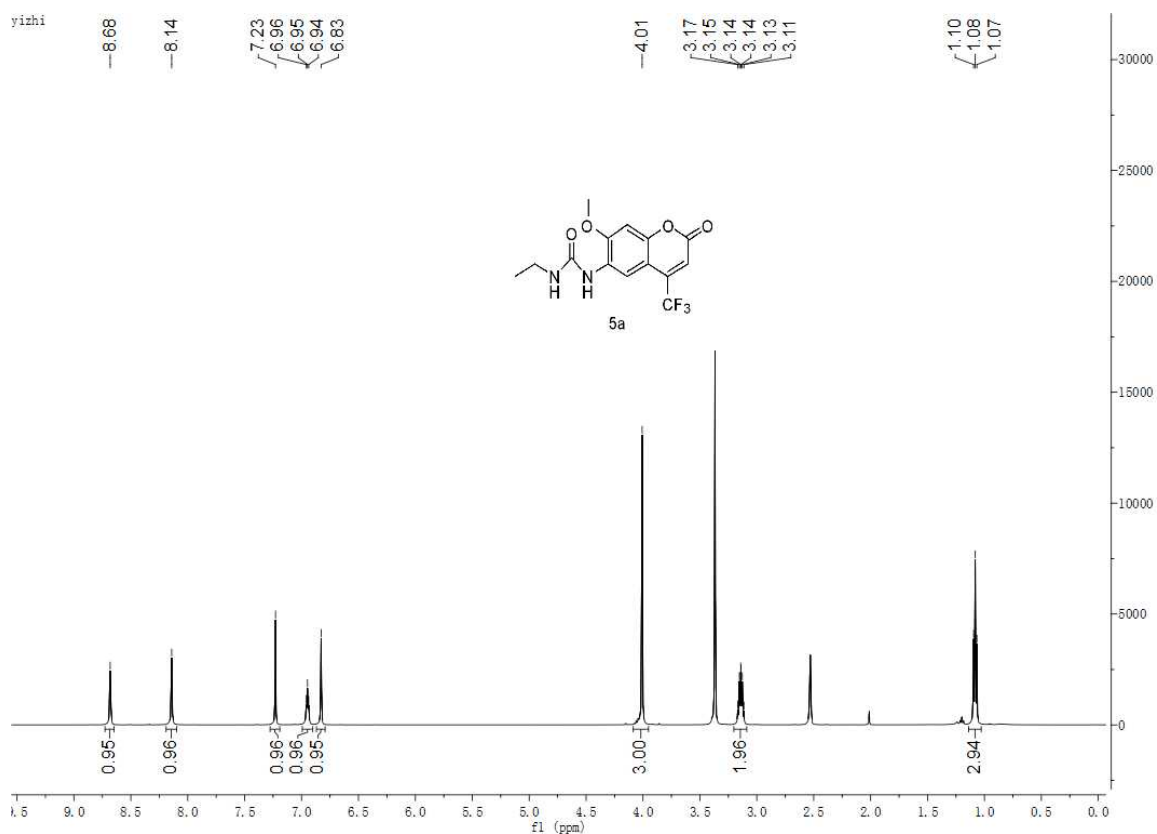
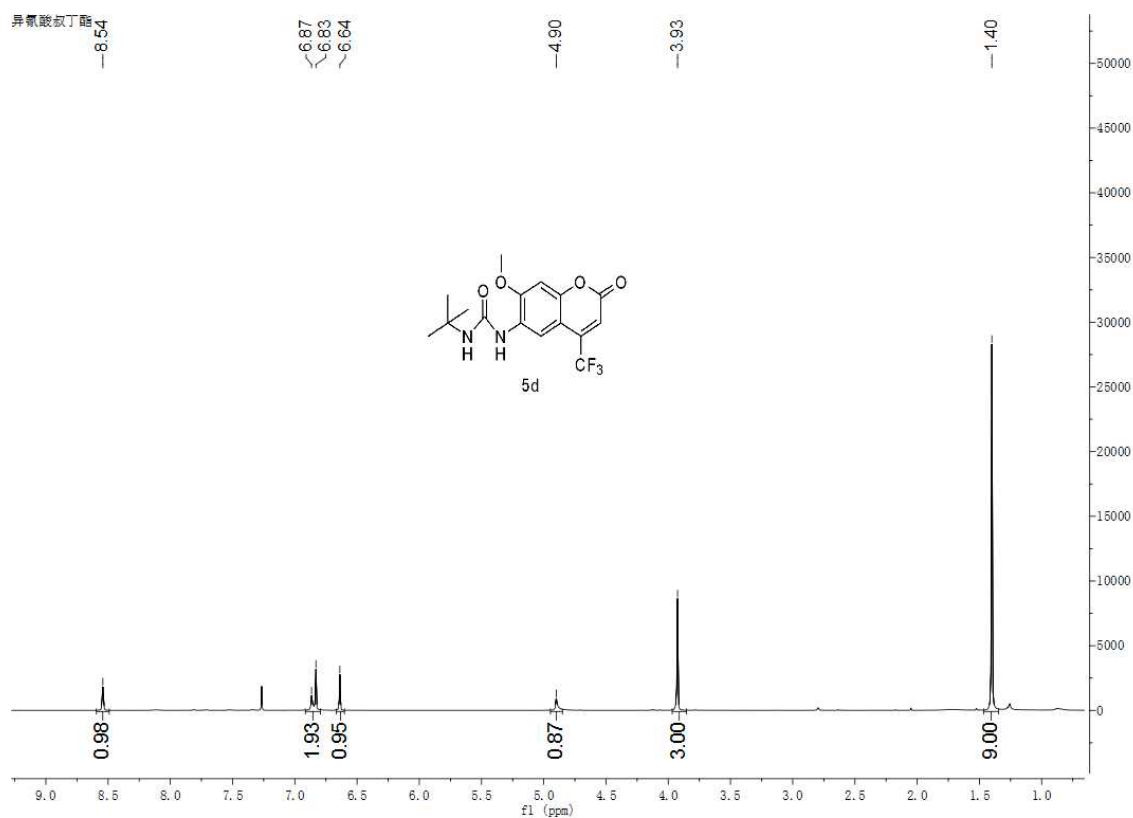
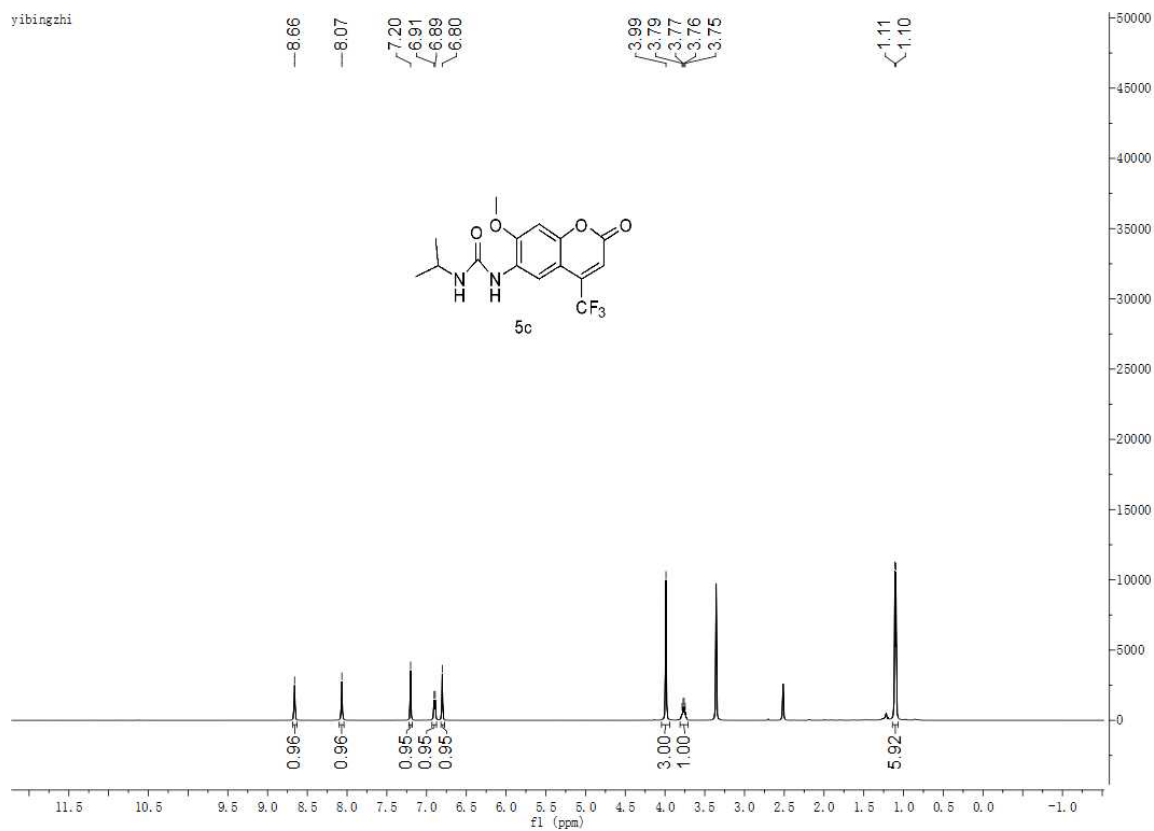
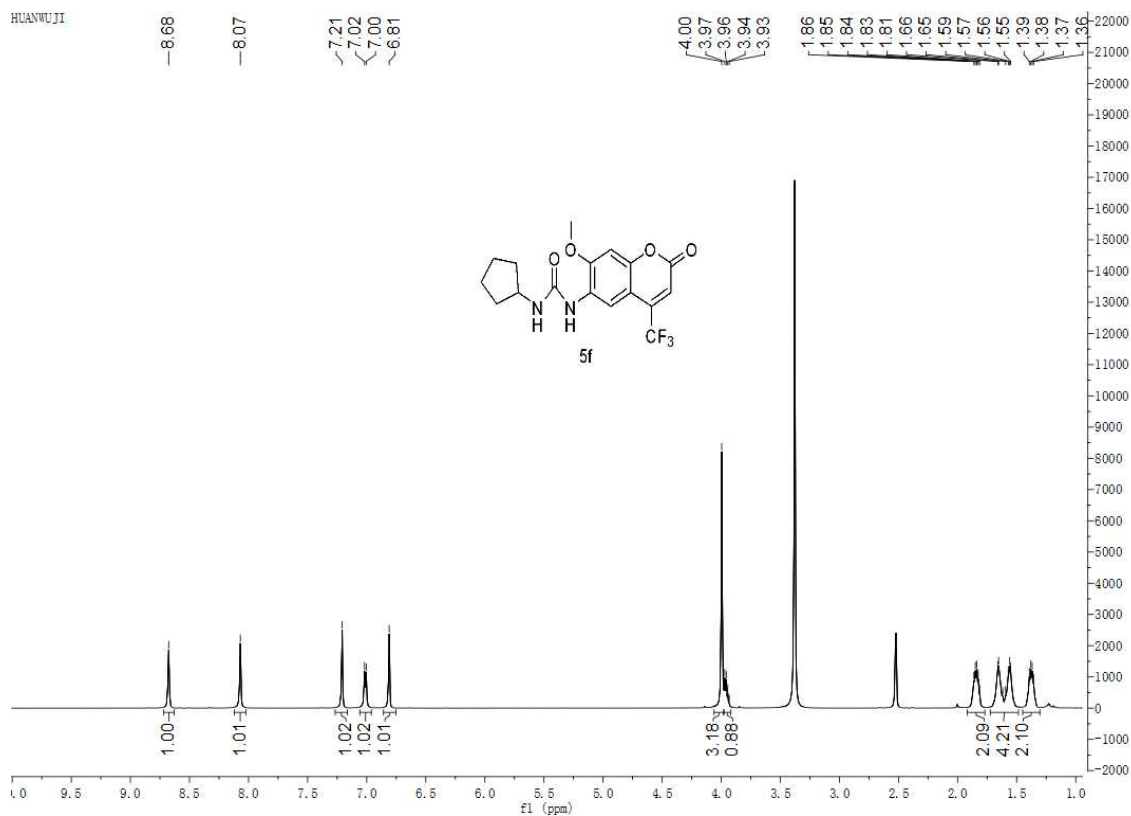
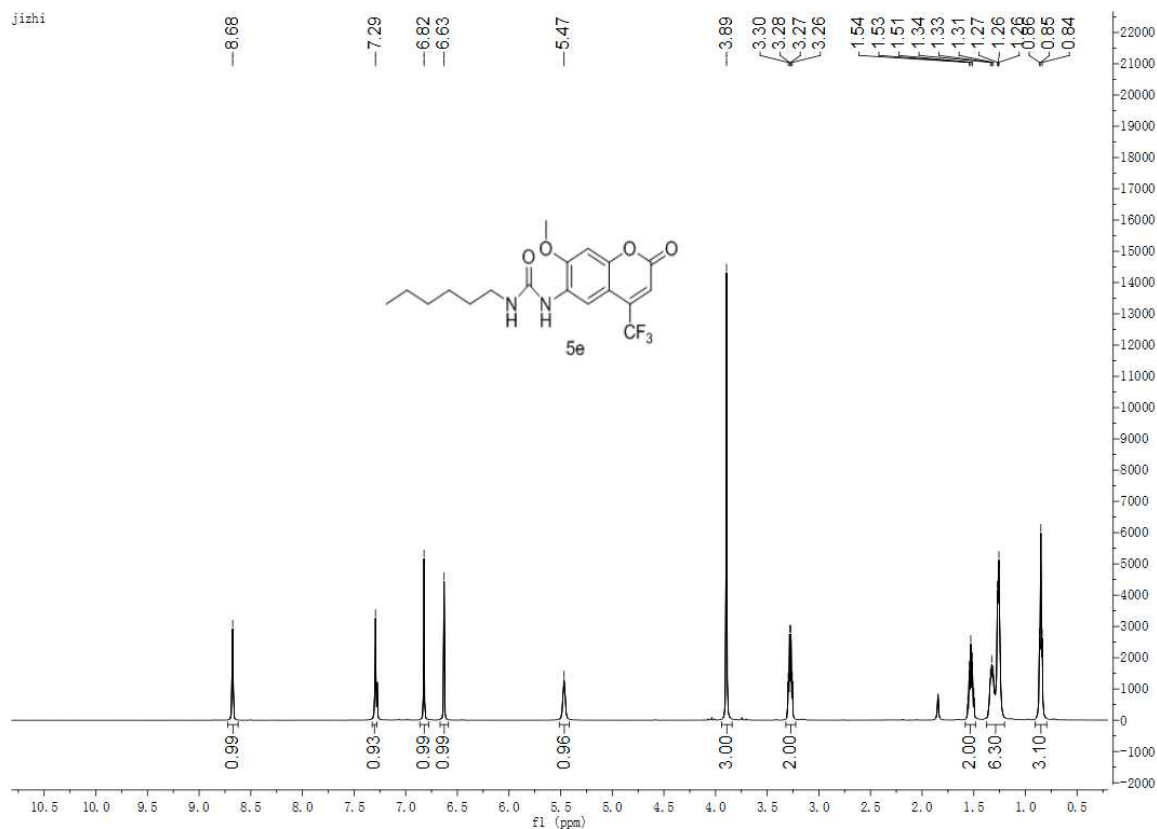


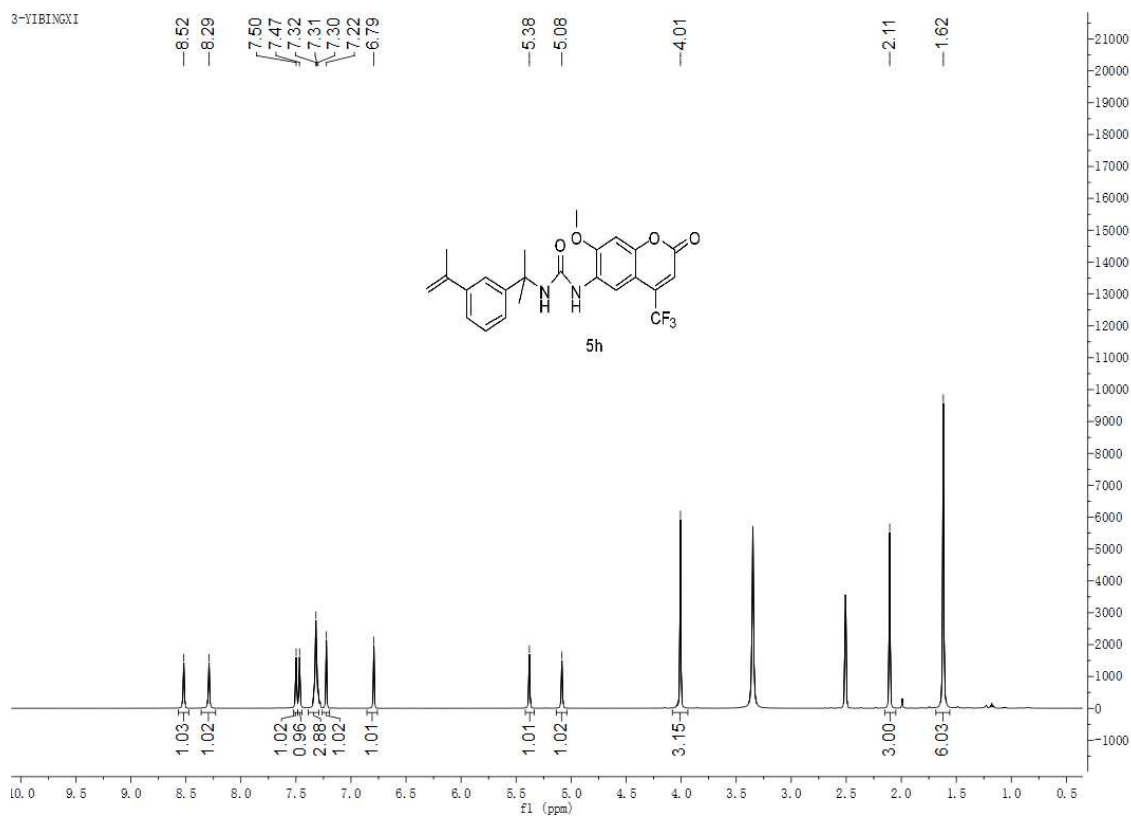
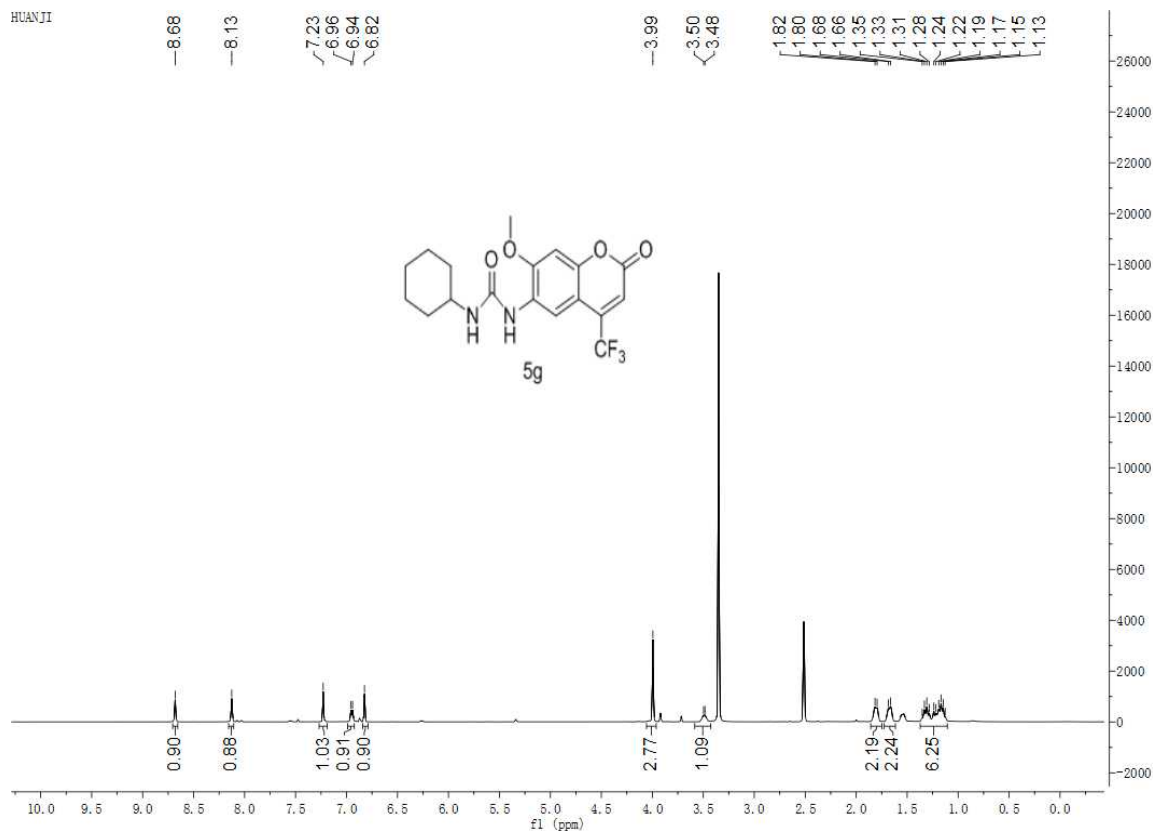
Figure S2. ¹H NMR of 2

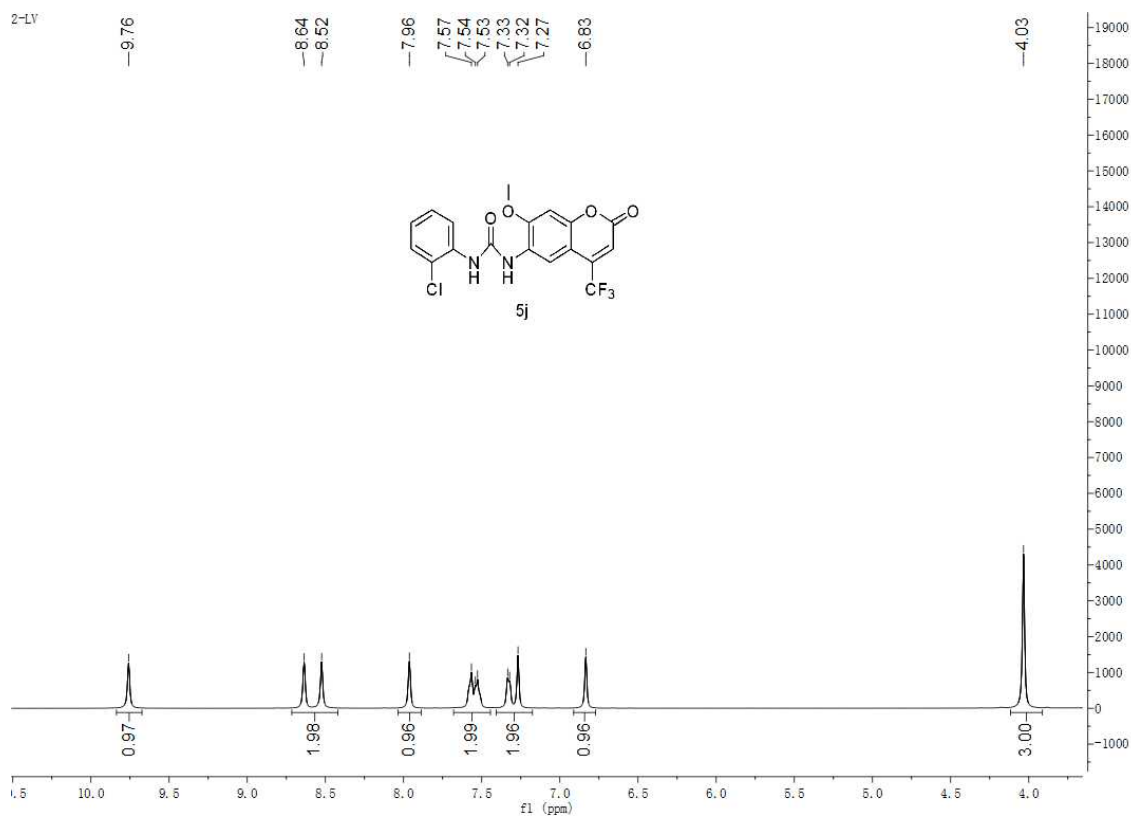
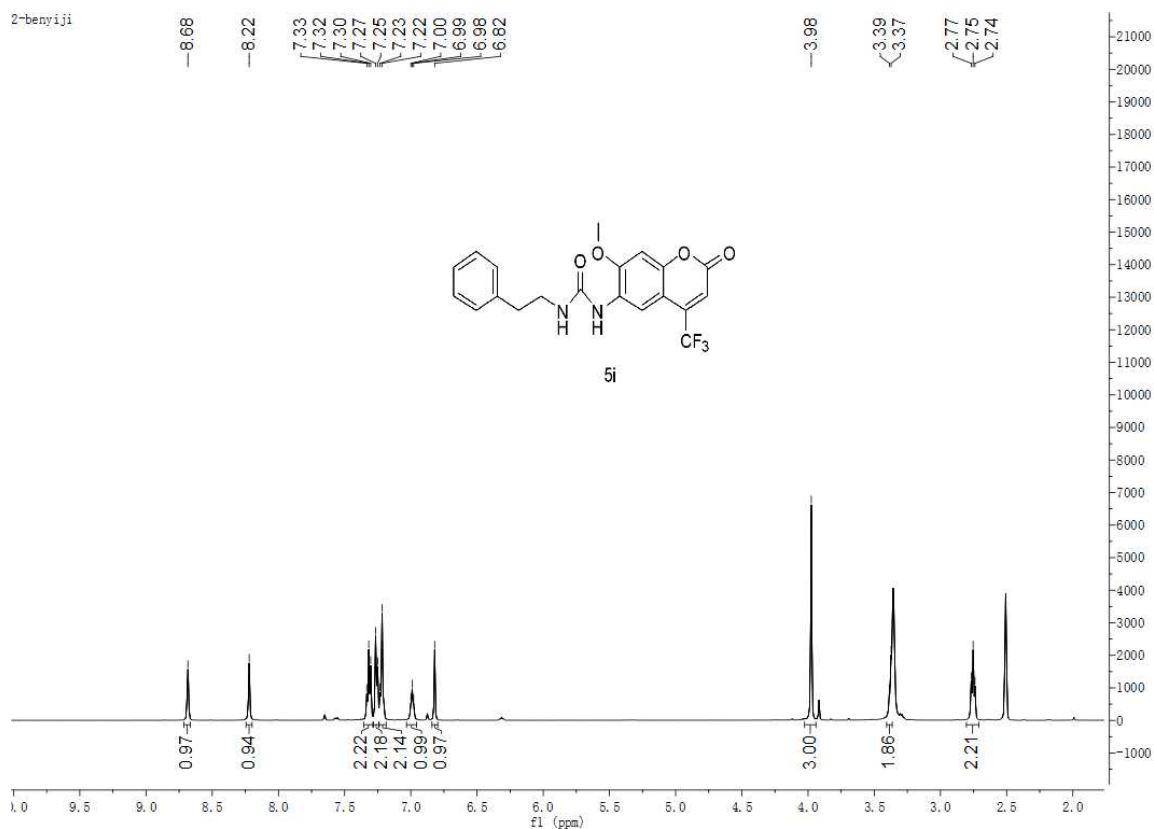












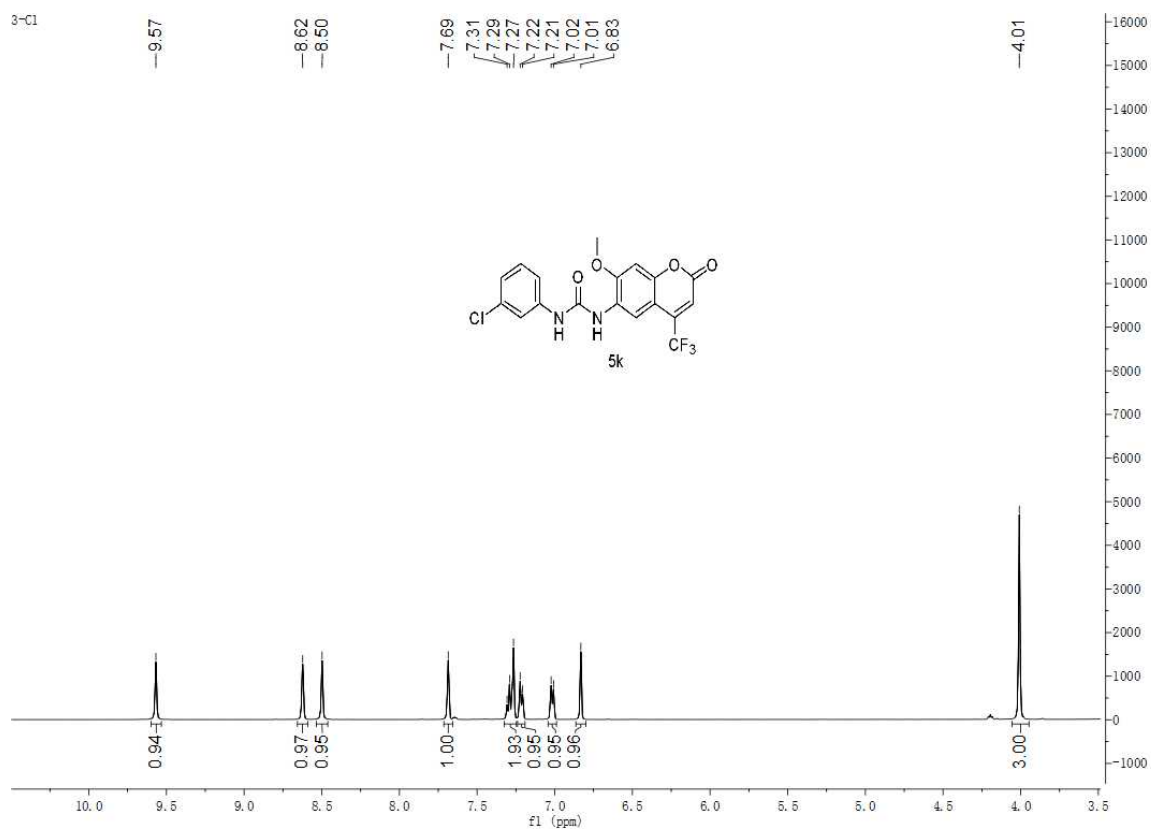


Figure S15. ¹H NMR of 5k

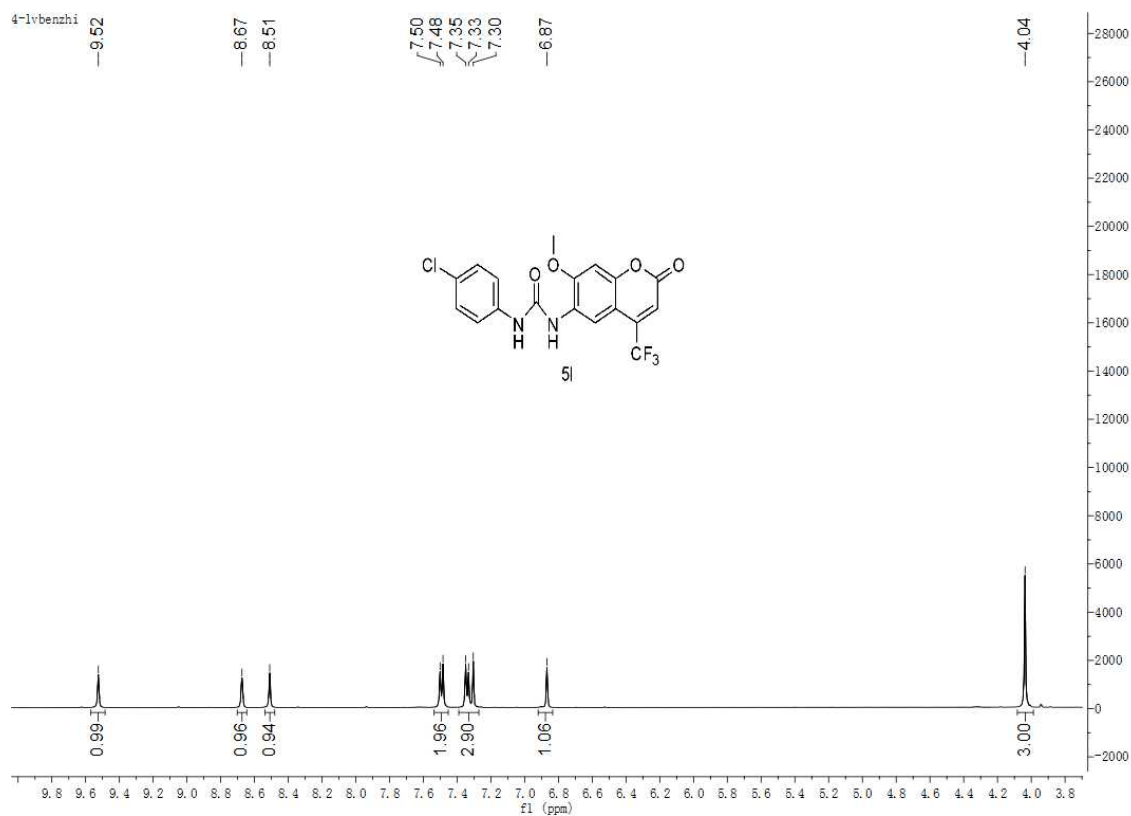


Figure S16. ¹H NMR of 5l

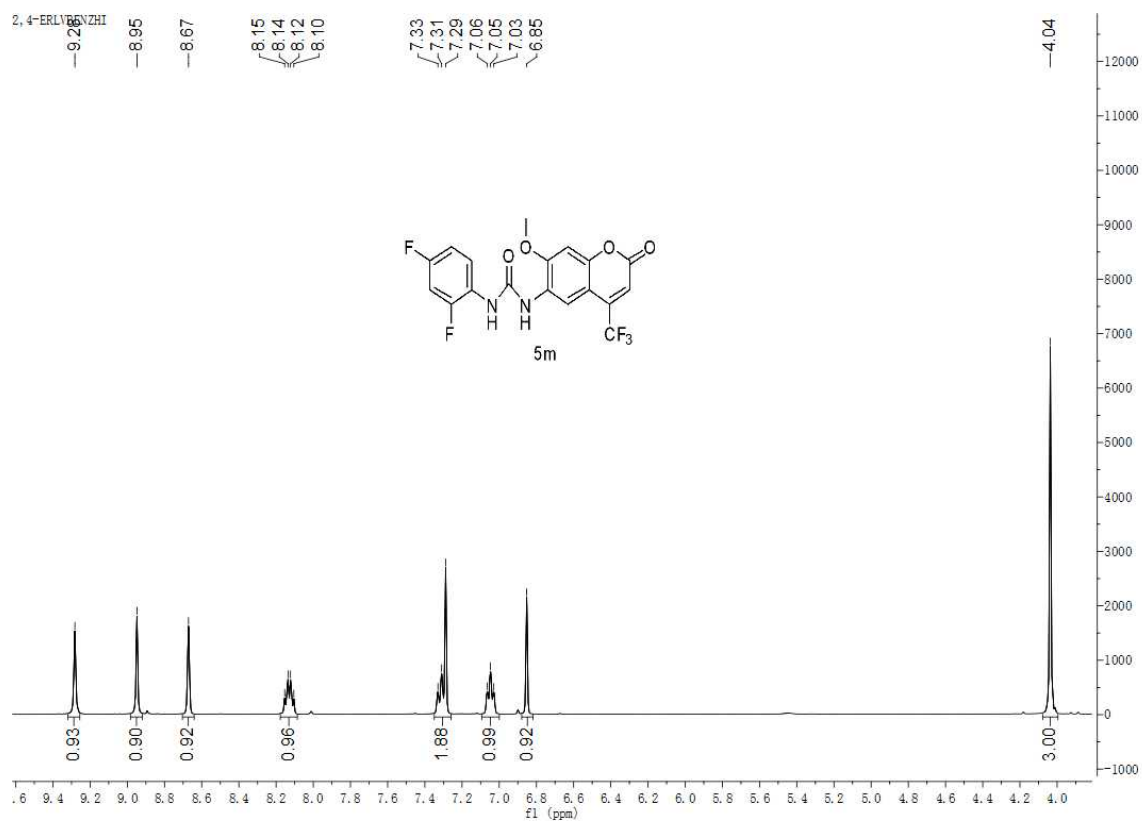


Figure S17. ¹H NMR of 5m

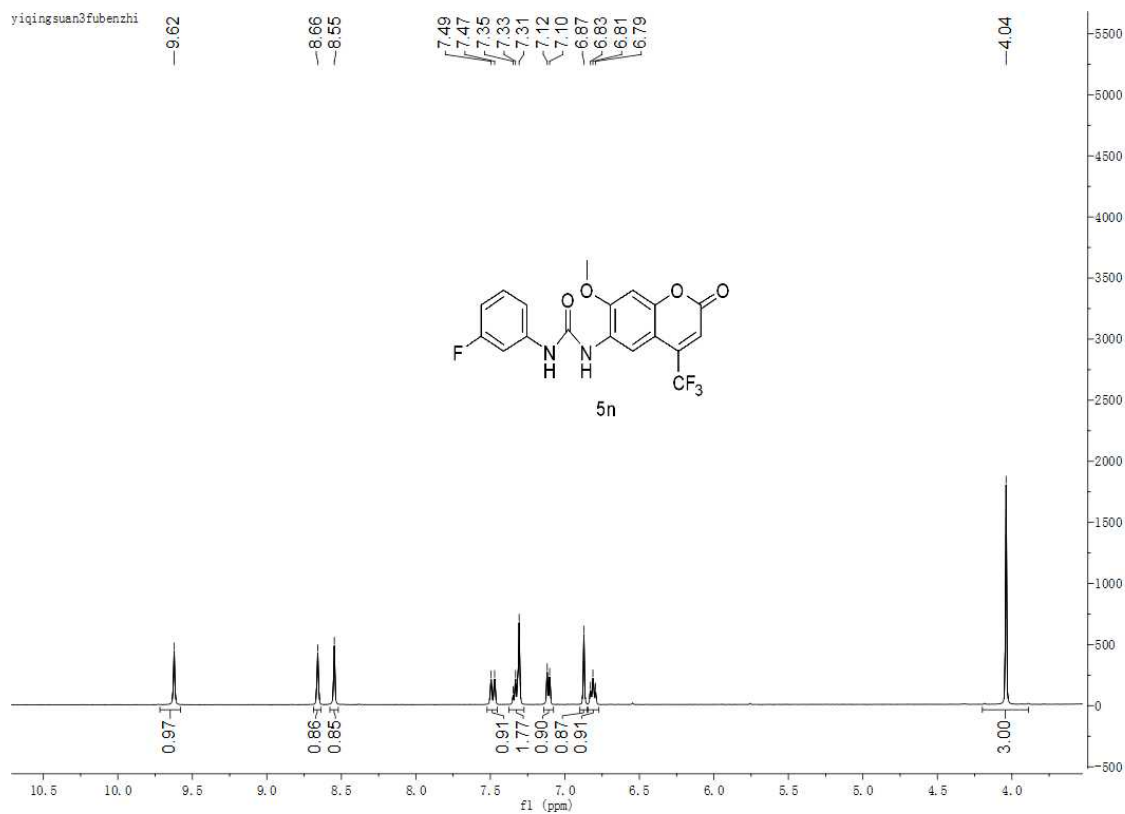


Figure S18. ¹H NMR of 5n

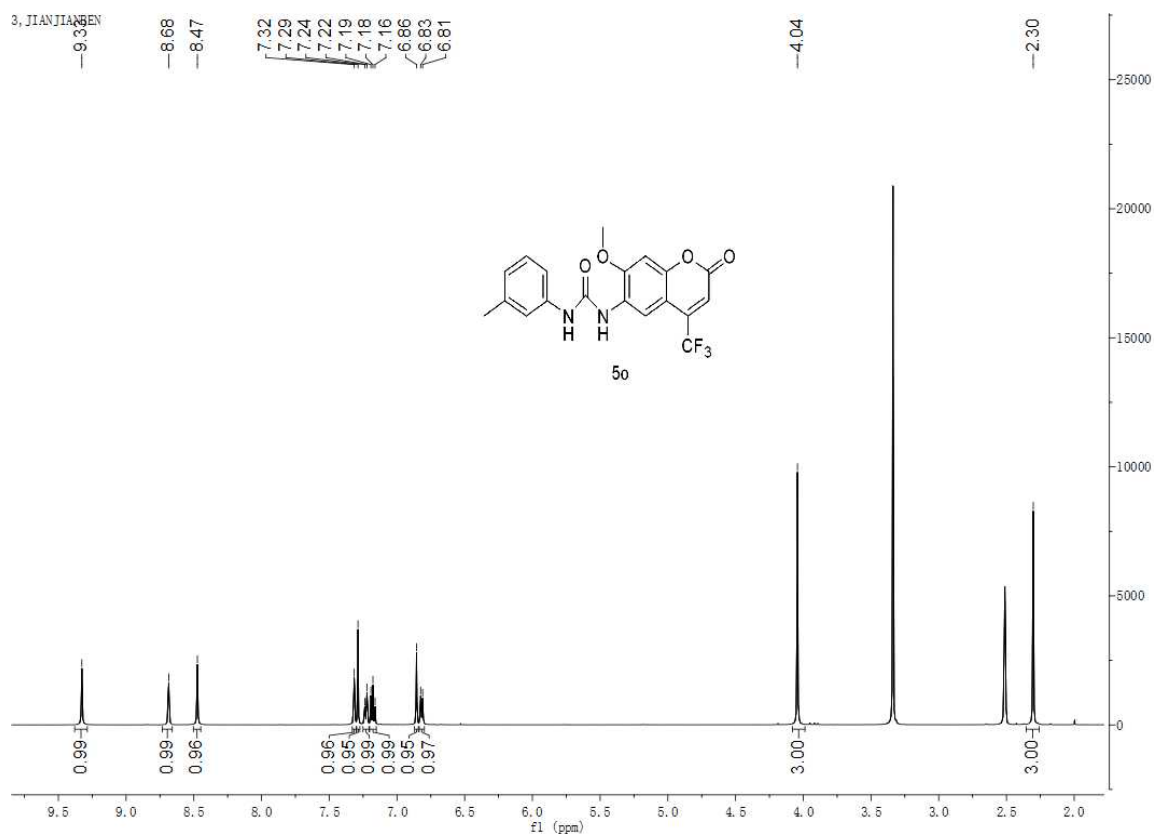


Figure S19. ¹H NMR of **5o**

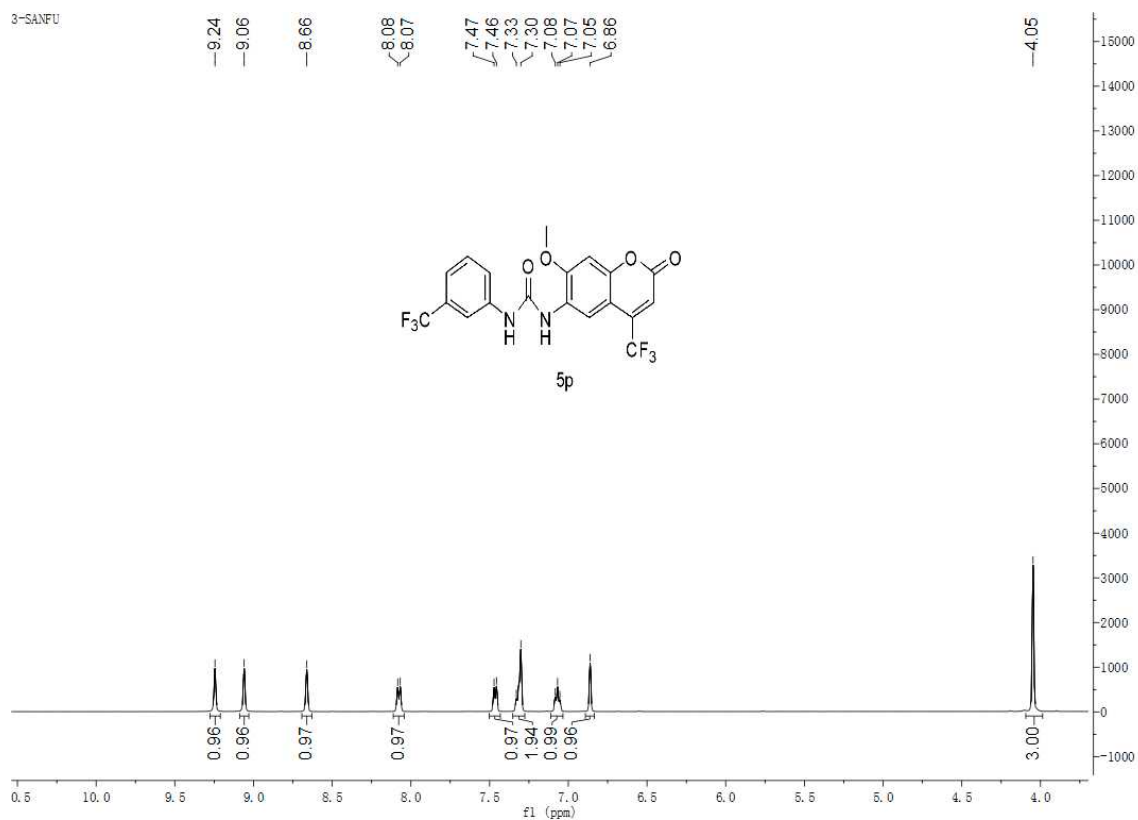


Figure S20. ¹H NMR of **5p**

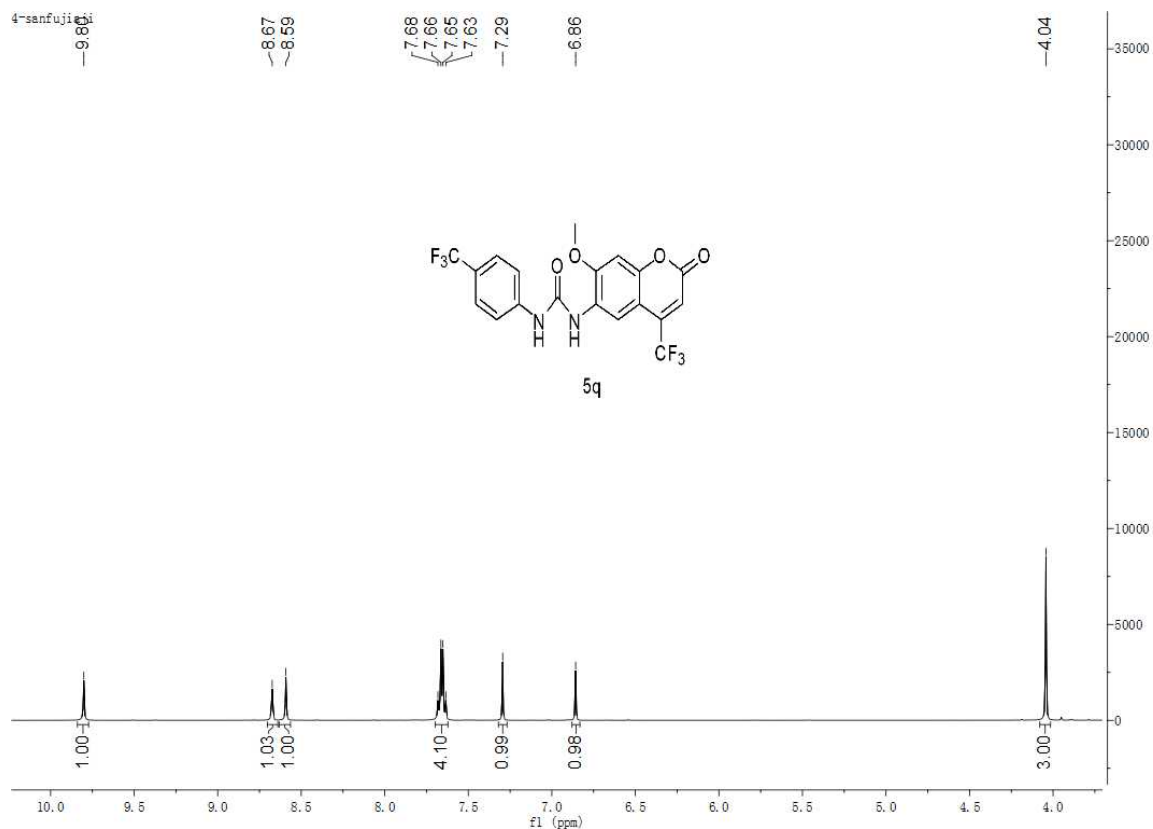


Figure S21. ¹H NMR of **5q**

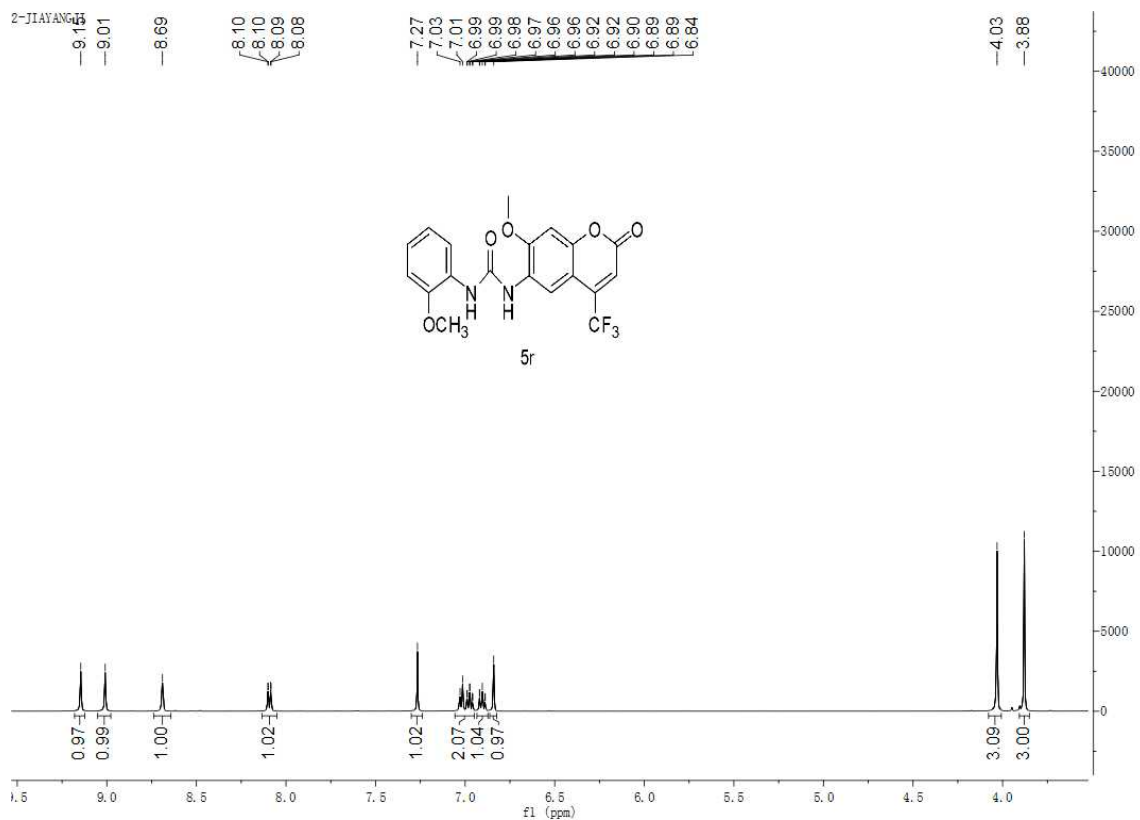


Figure S22. ¹H NMR of **5r**

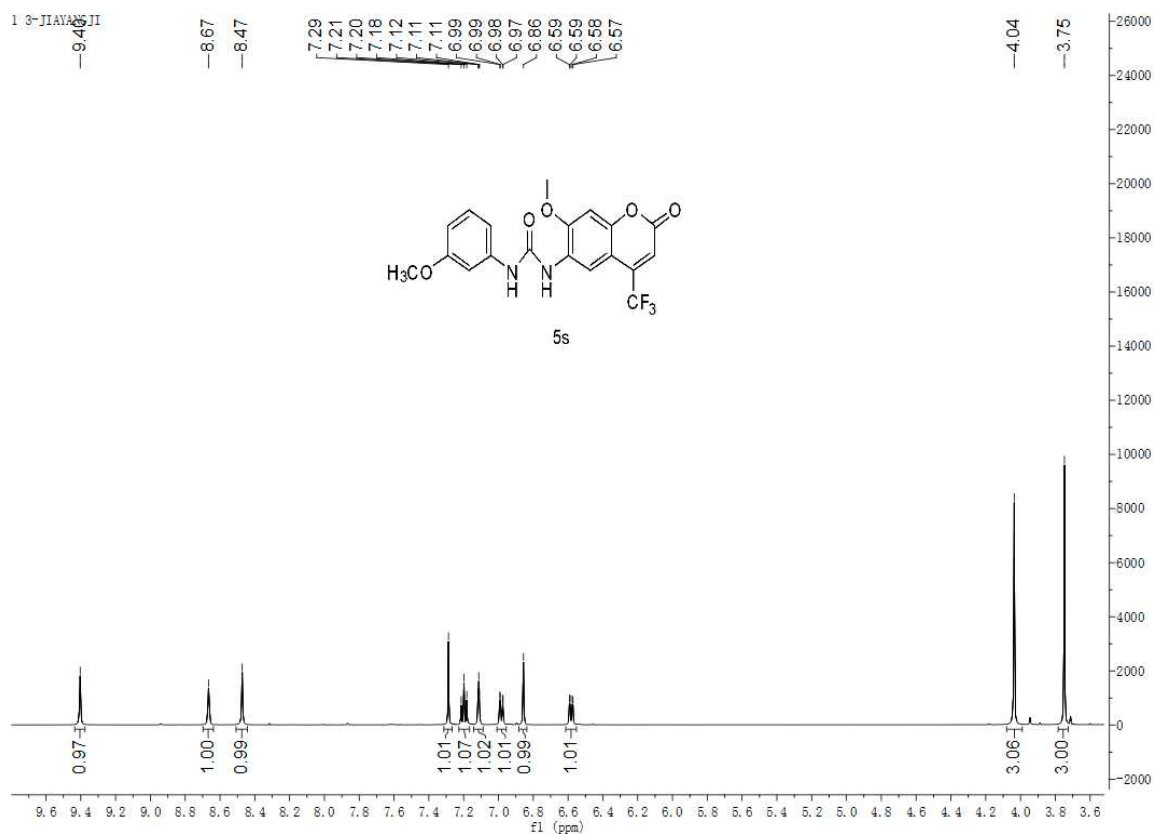


Figure S23. ¹H NMR of **5s**

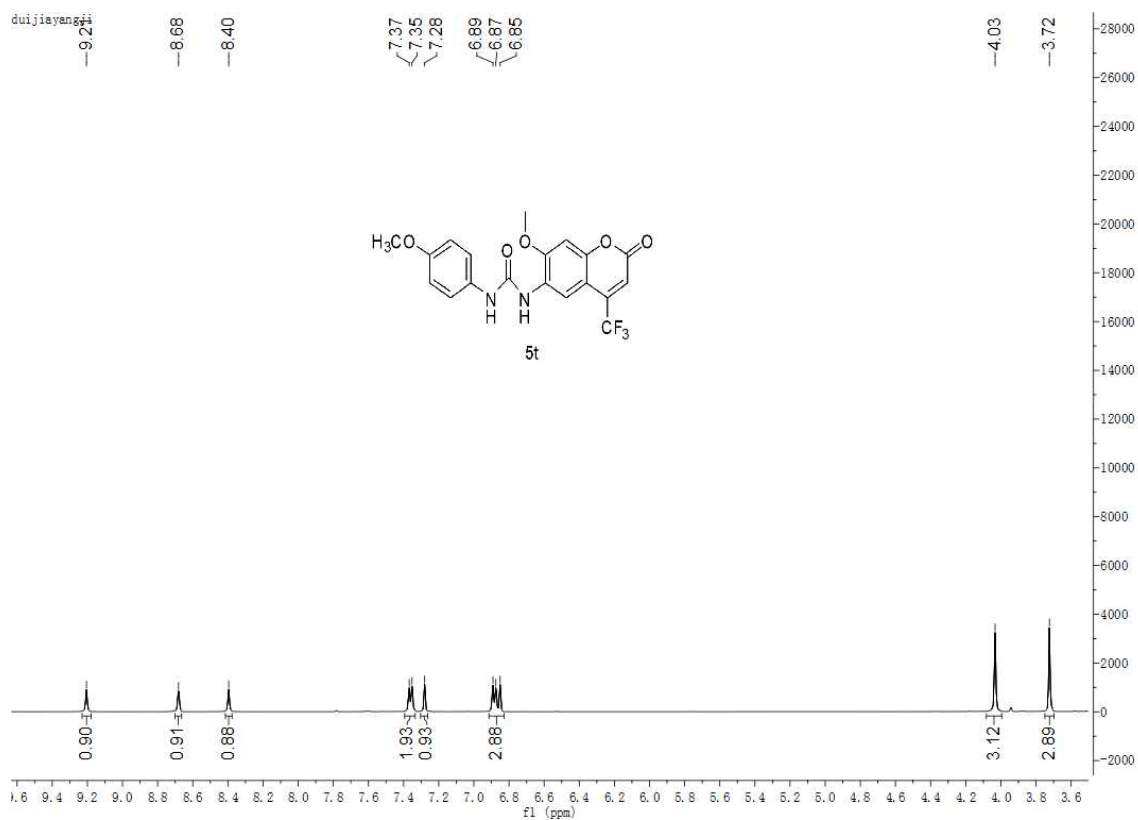


Figure S24. ¹H NMR of **5t**

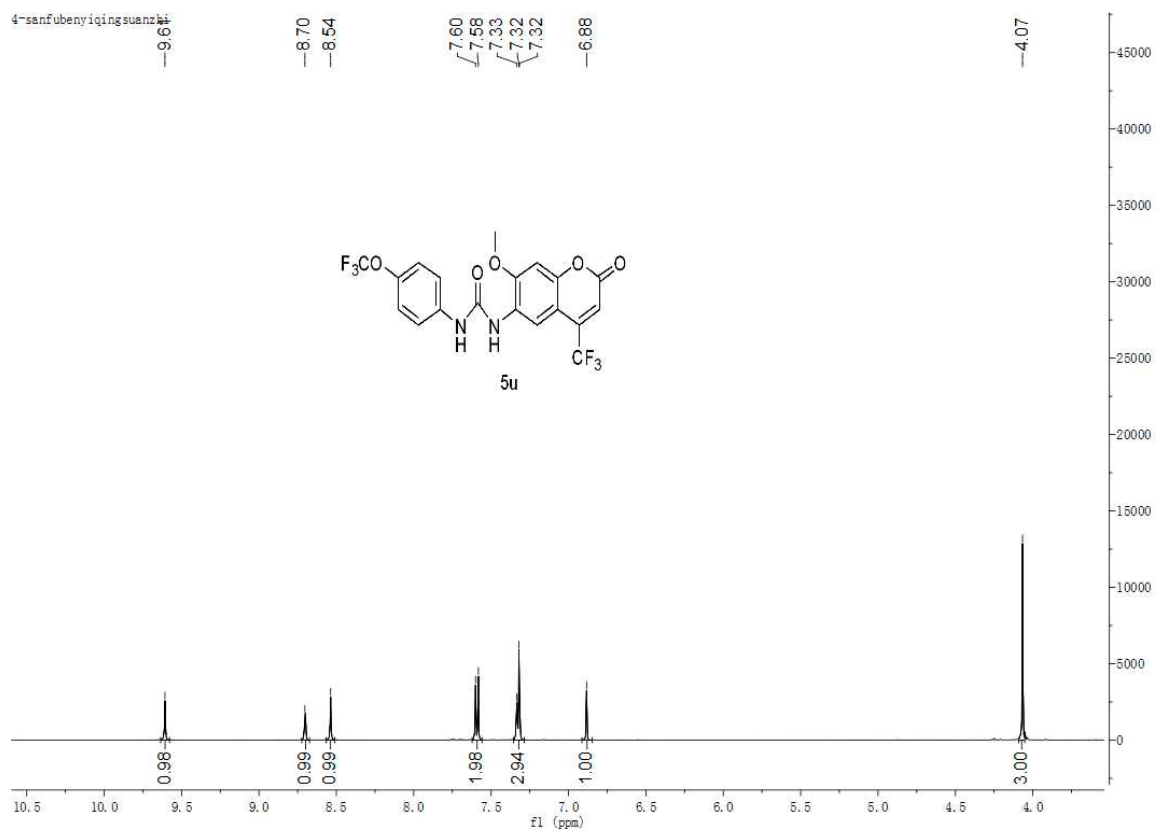


Figure S25. ^1H NMR of 5u

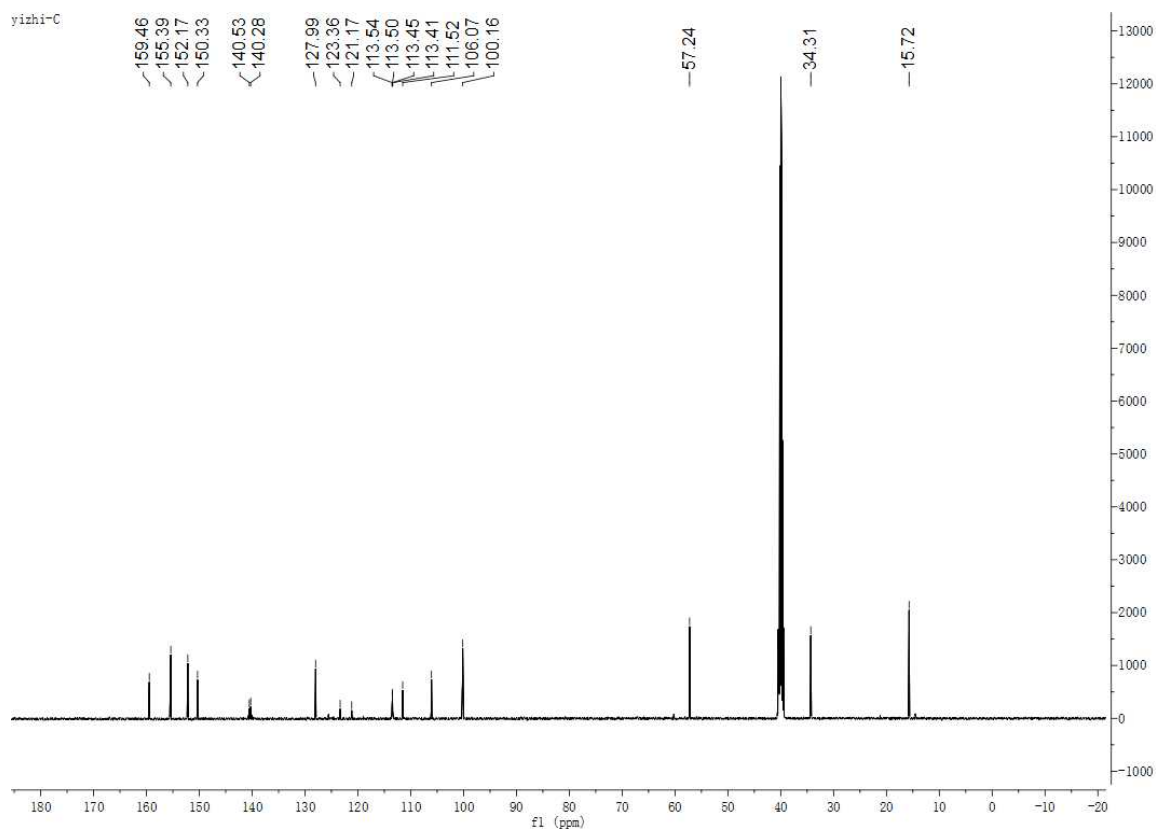


Figure S26. ^{13}C NMR of 5a

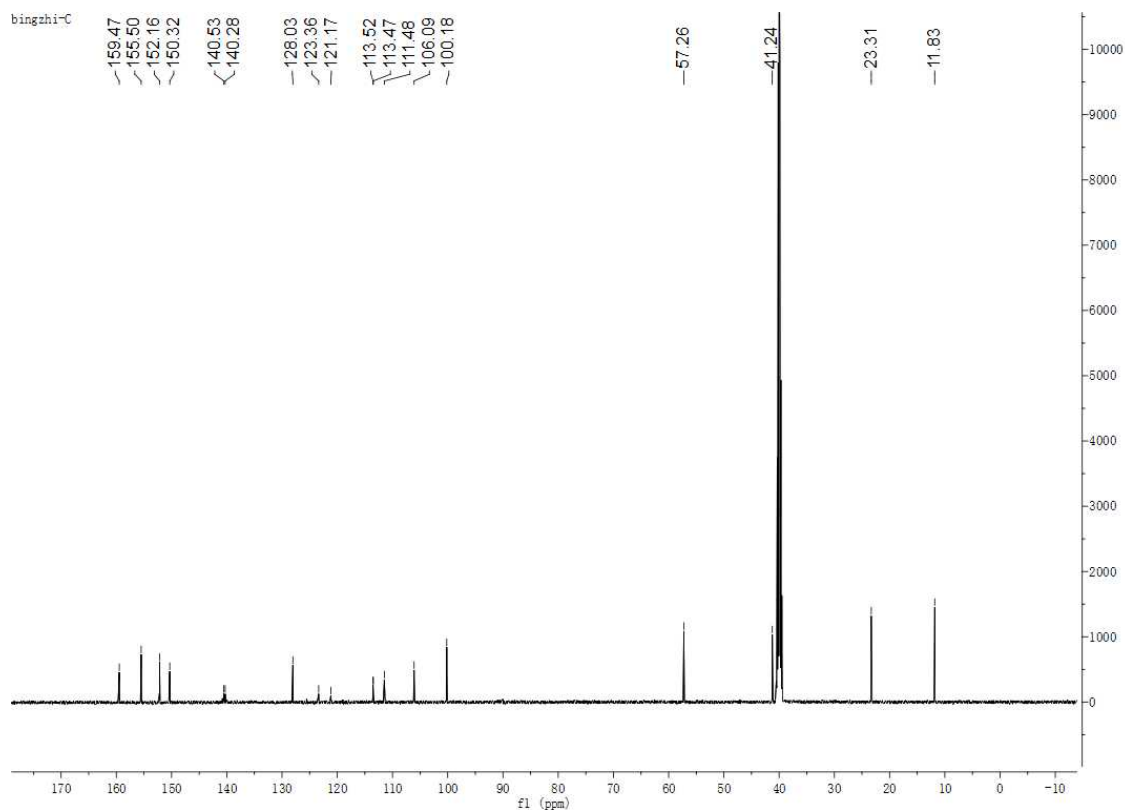


Figure S27. ^{13}C NMR of 5b

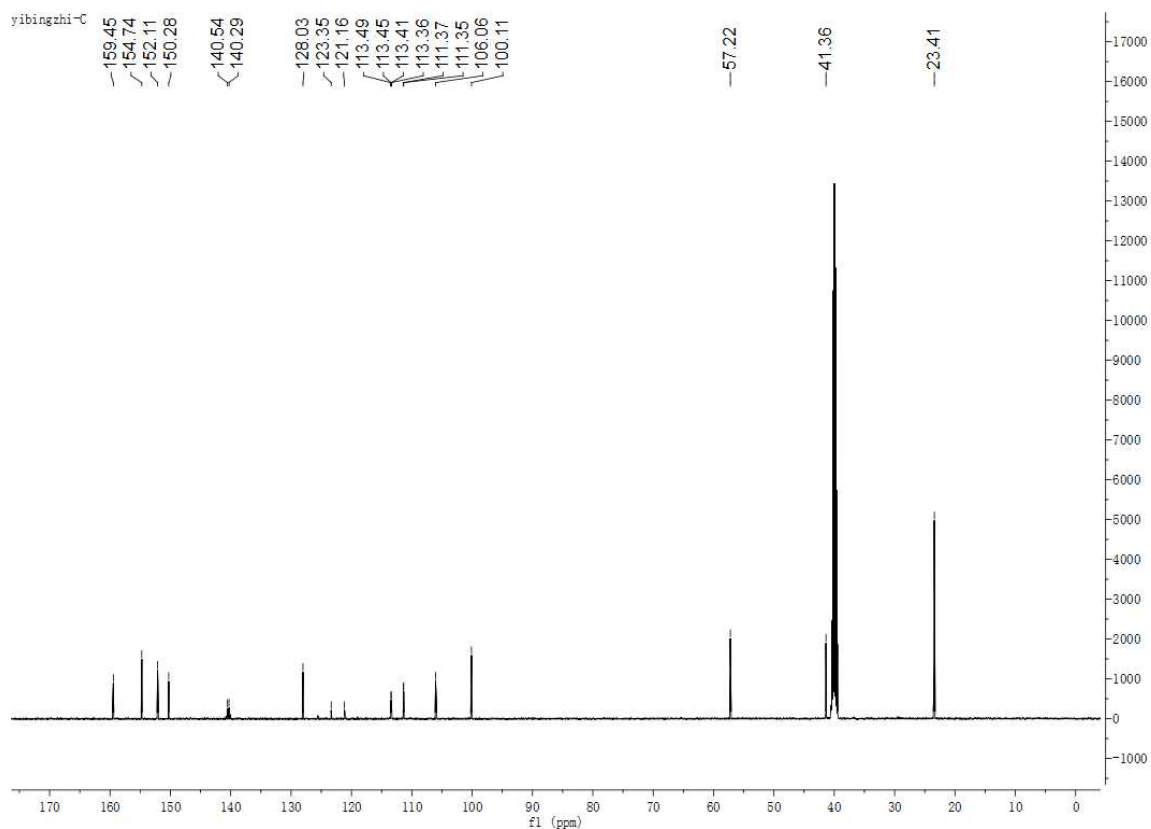


Figure S28. ^{13}C NMR of 5c

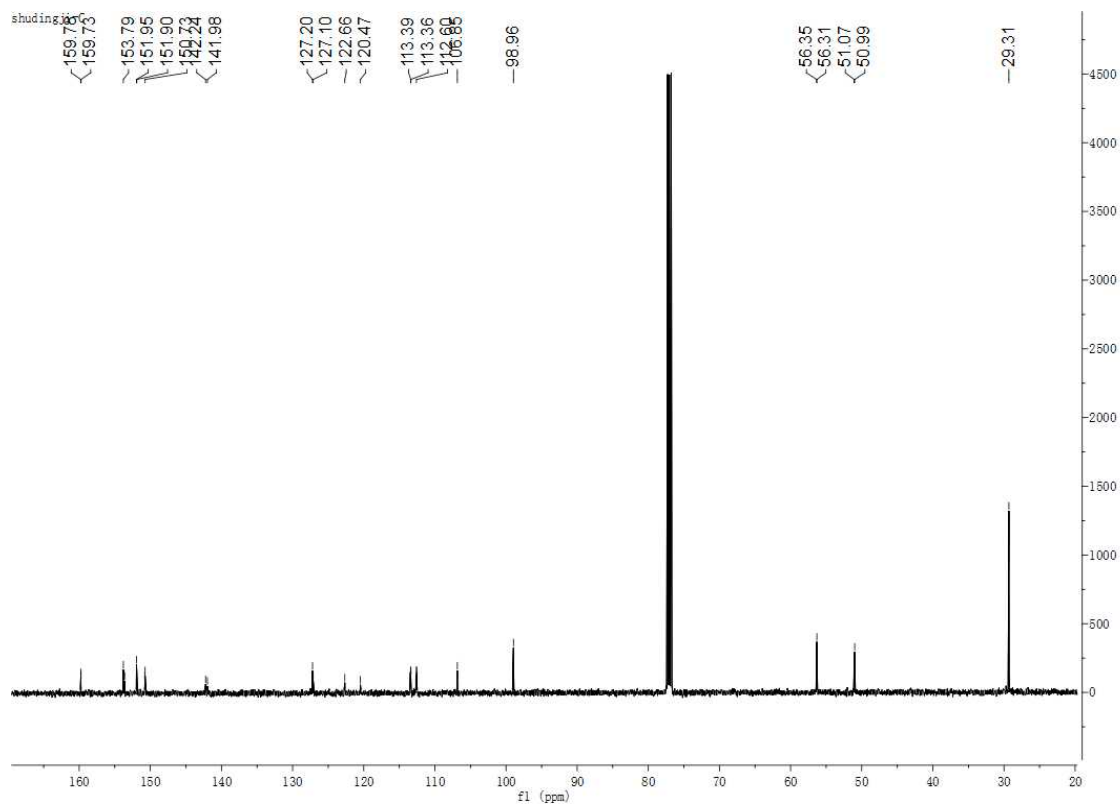


Figure S29. ^{13}C NMR of 5d

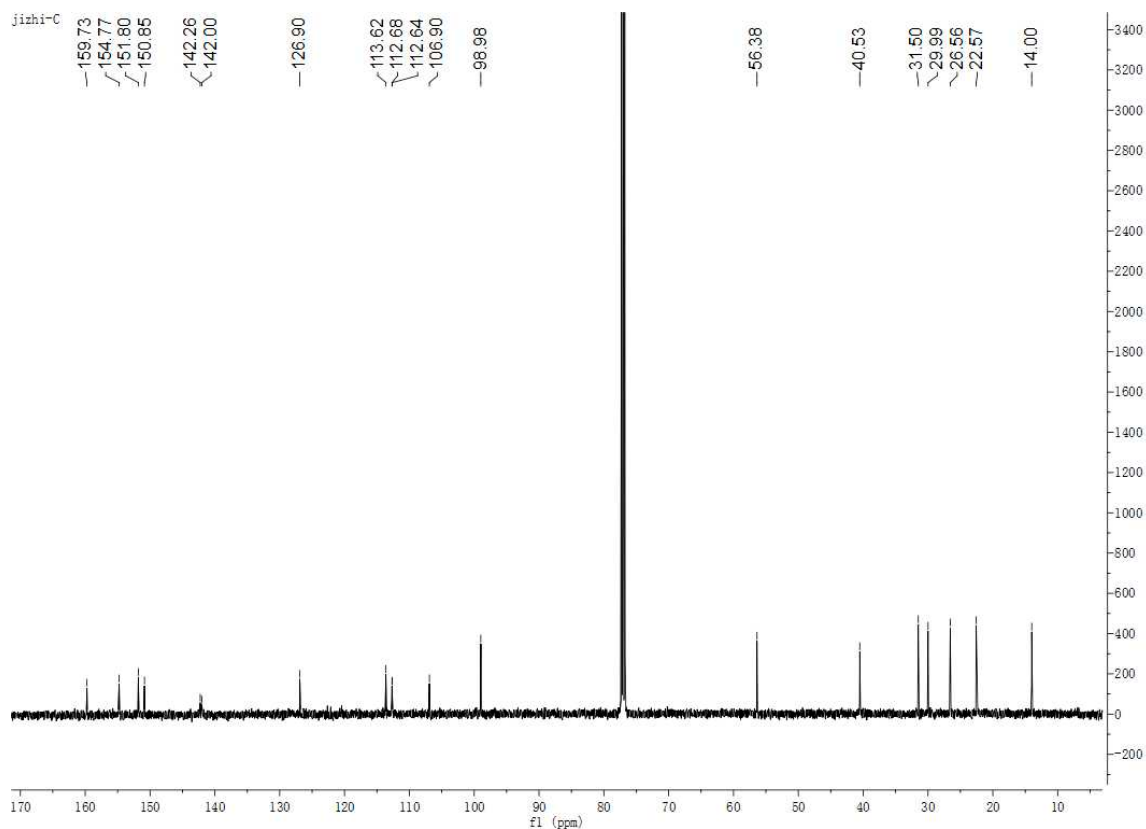


Figure S30. ^{13}C NMR of 5e

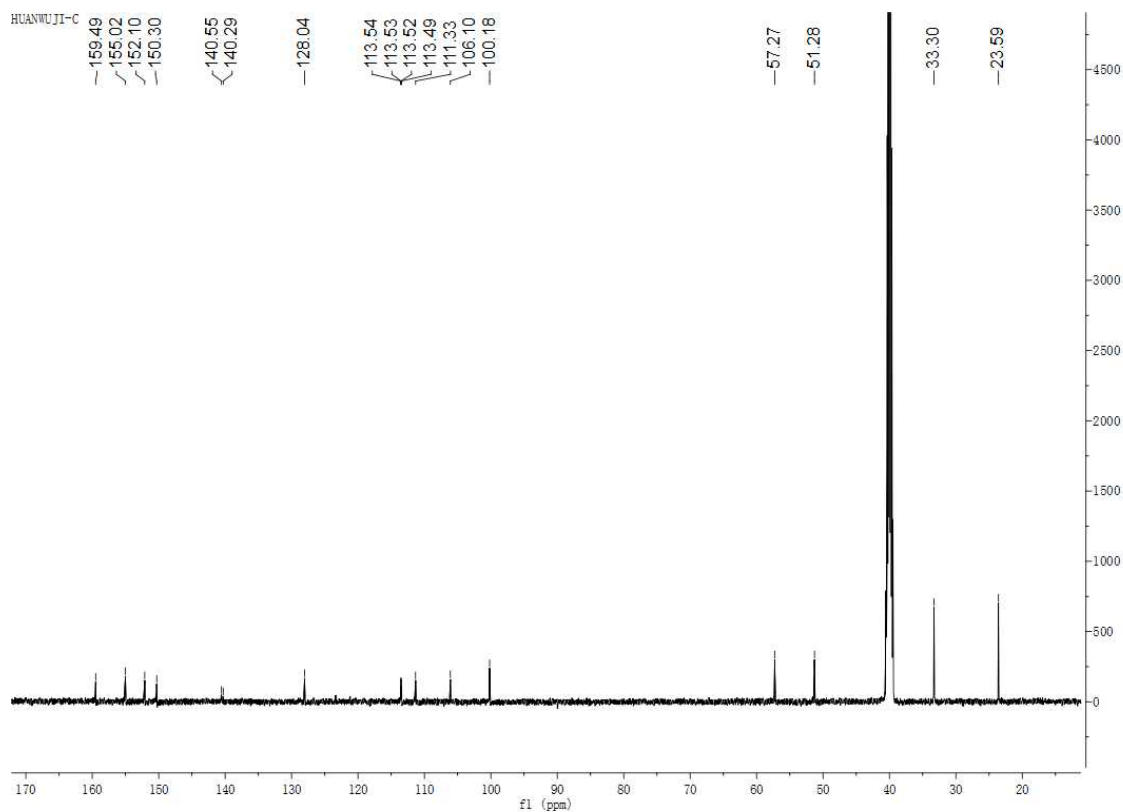


Figure S31. ^{13}C NMR of 5f

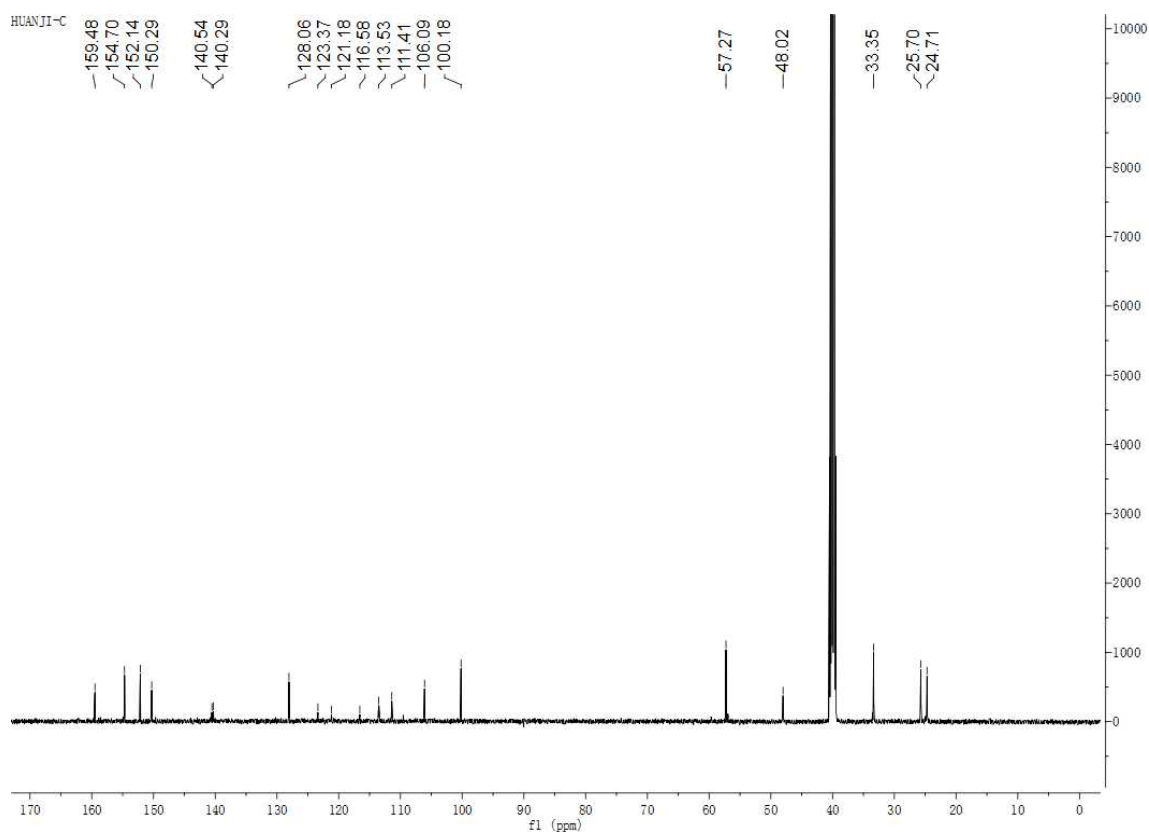


Figure S32. ^{13}C NMR of 5g

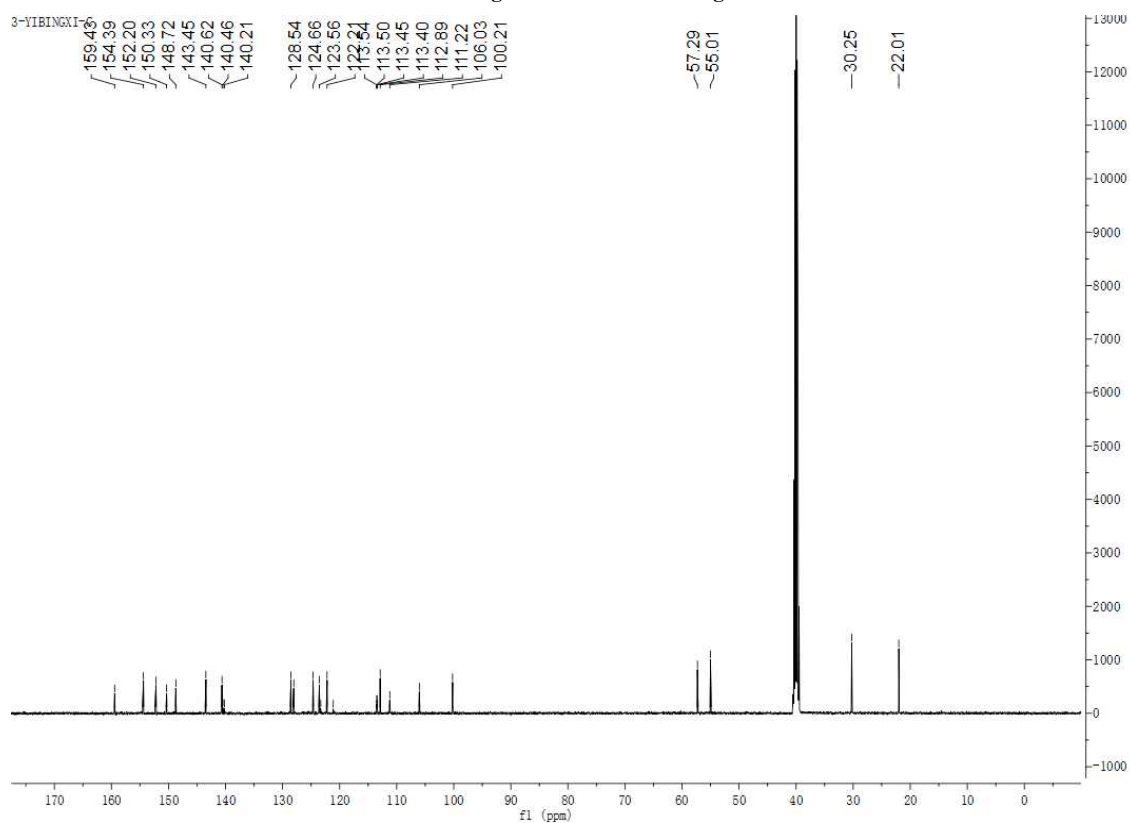


Figure S33. ^{13}C NMR of 5h

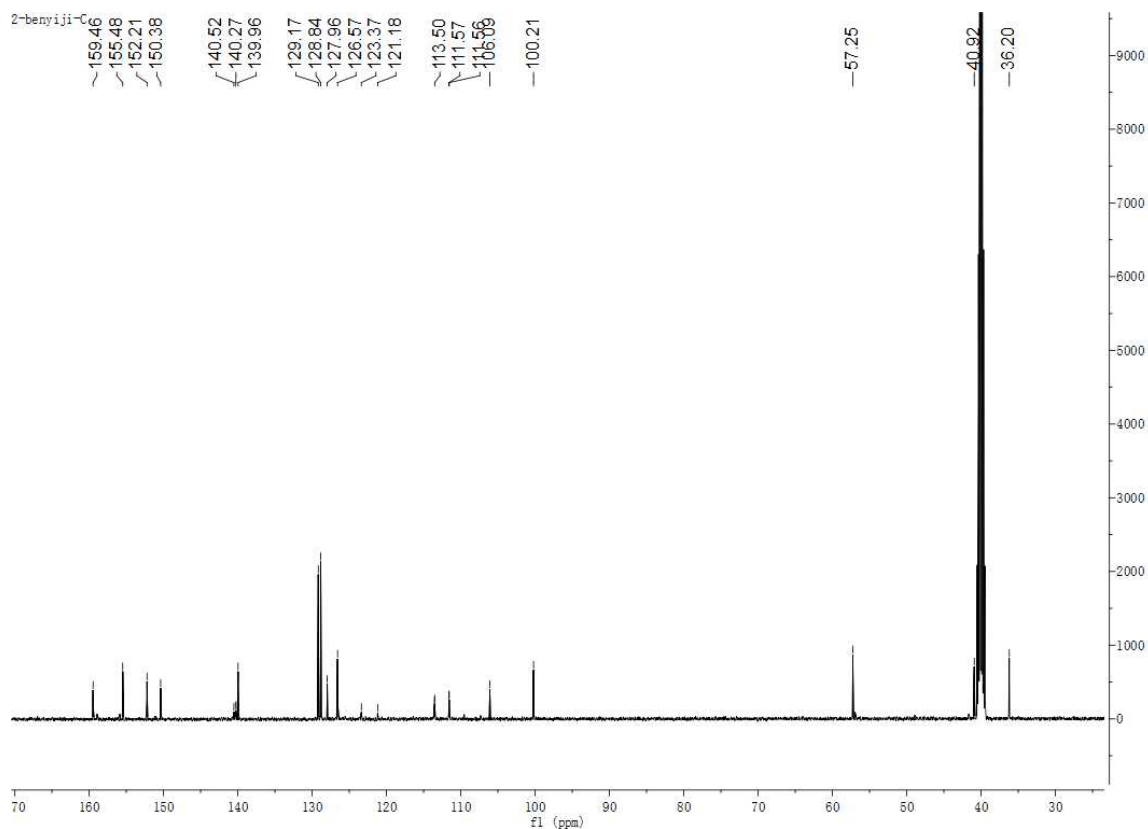


Figure S34. ^{13}C NMR of 5i

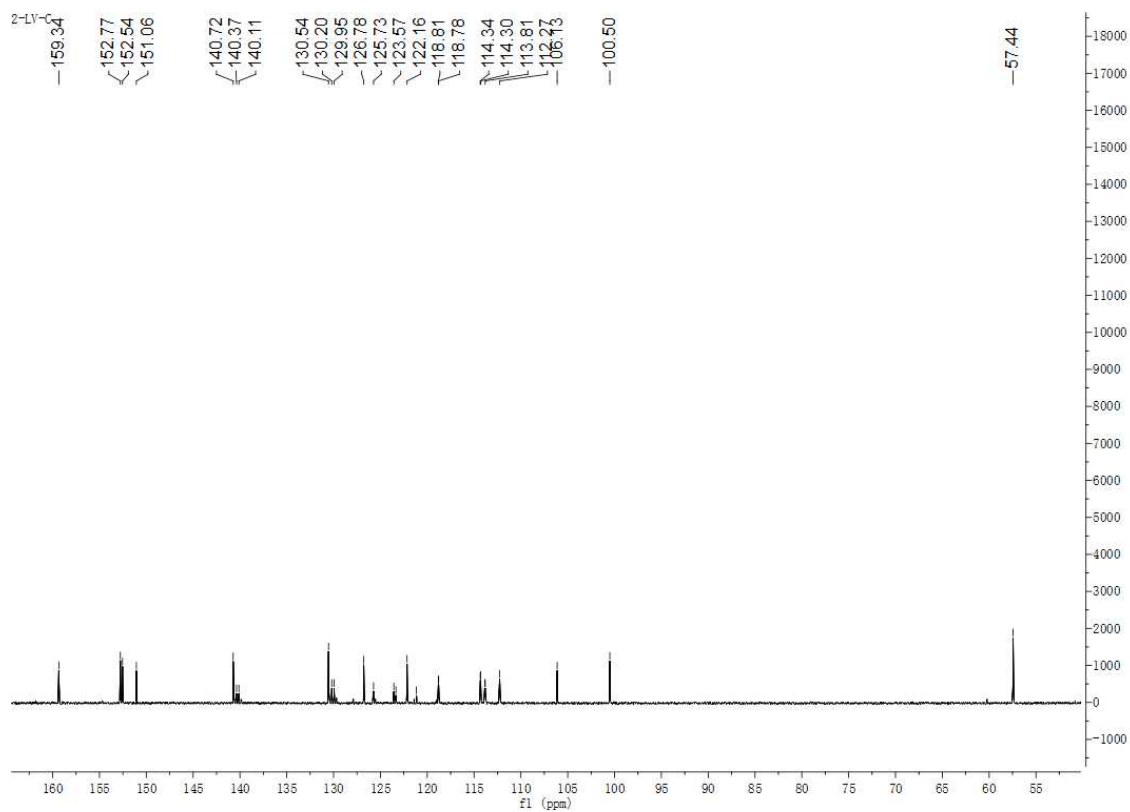
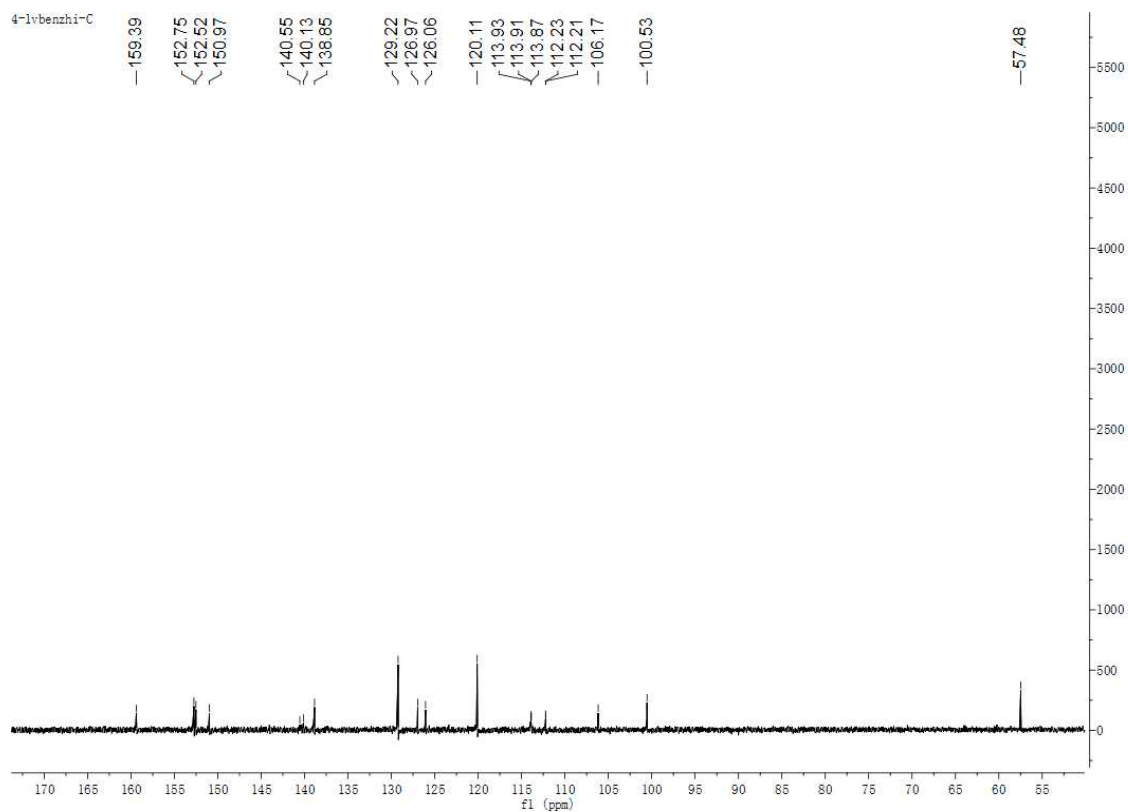
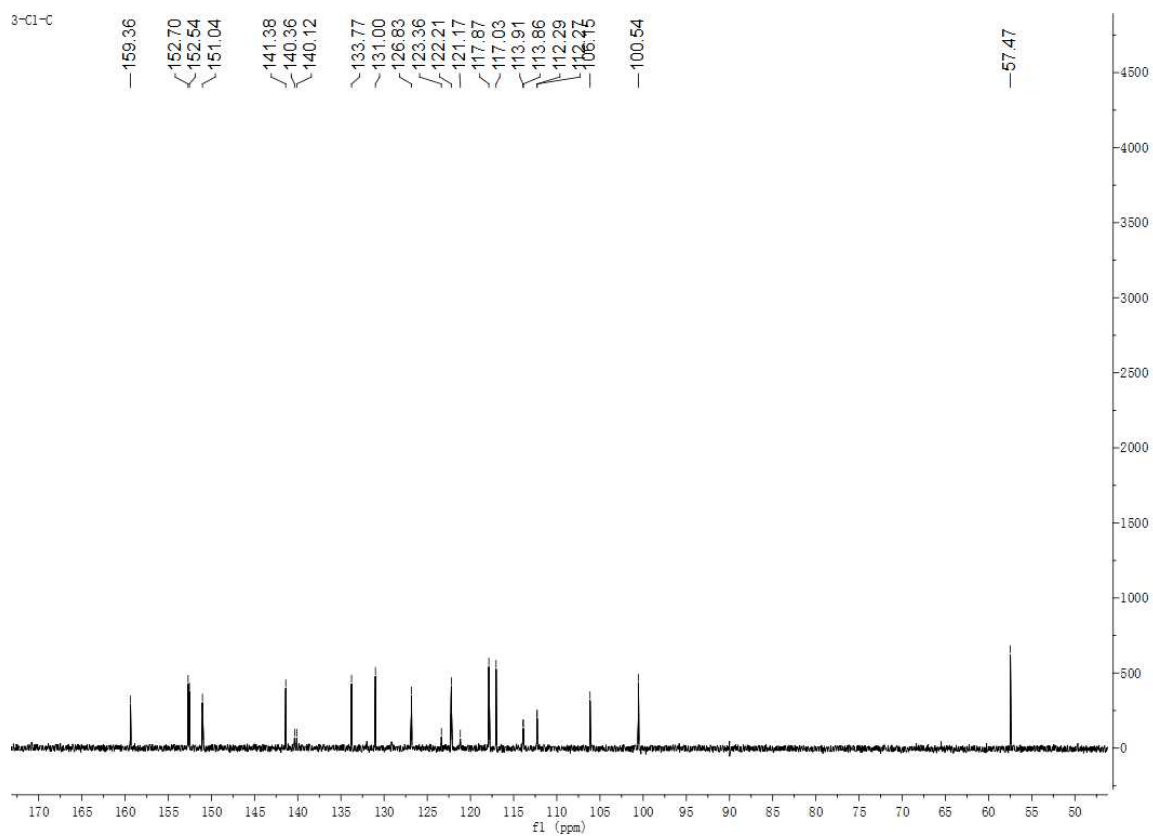


Figure S35. ^{13}C NMR of 5j



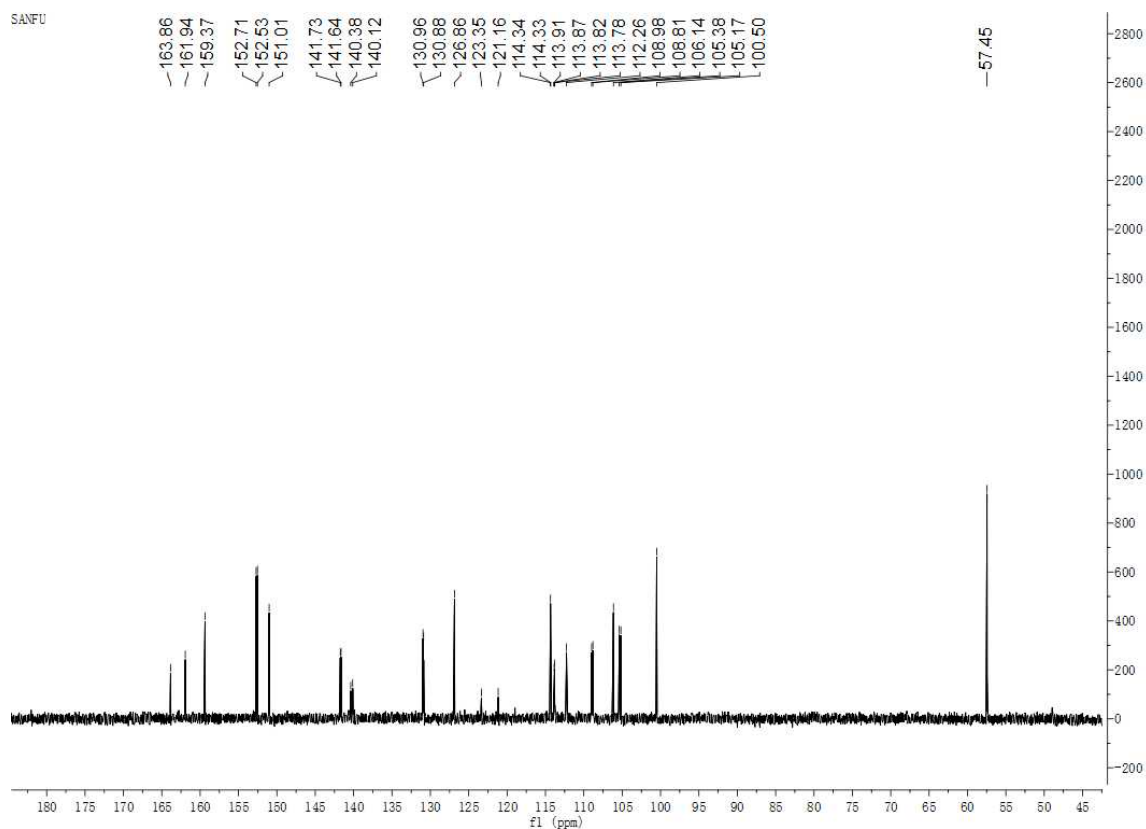


Figure S38. ^{13}C NMR of 5m

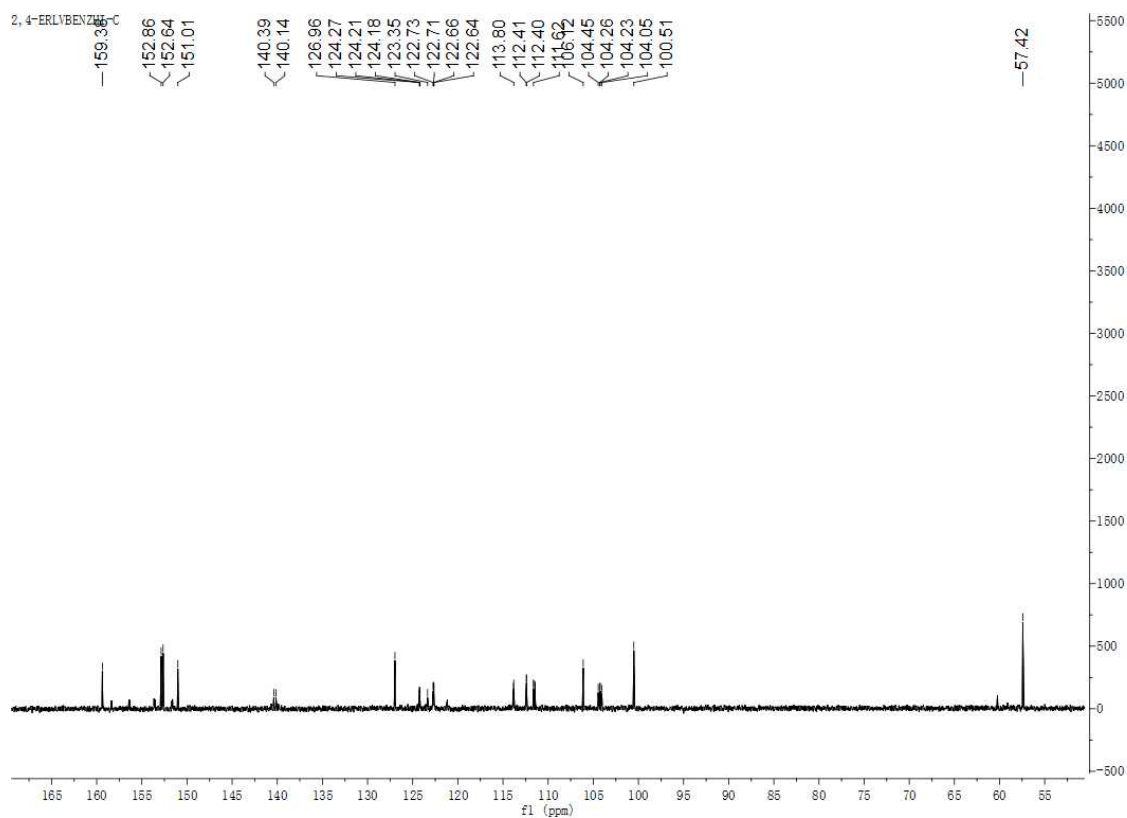


Figure S39. ^{13}C NMR of 5n

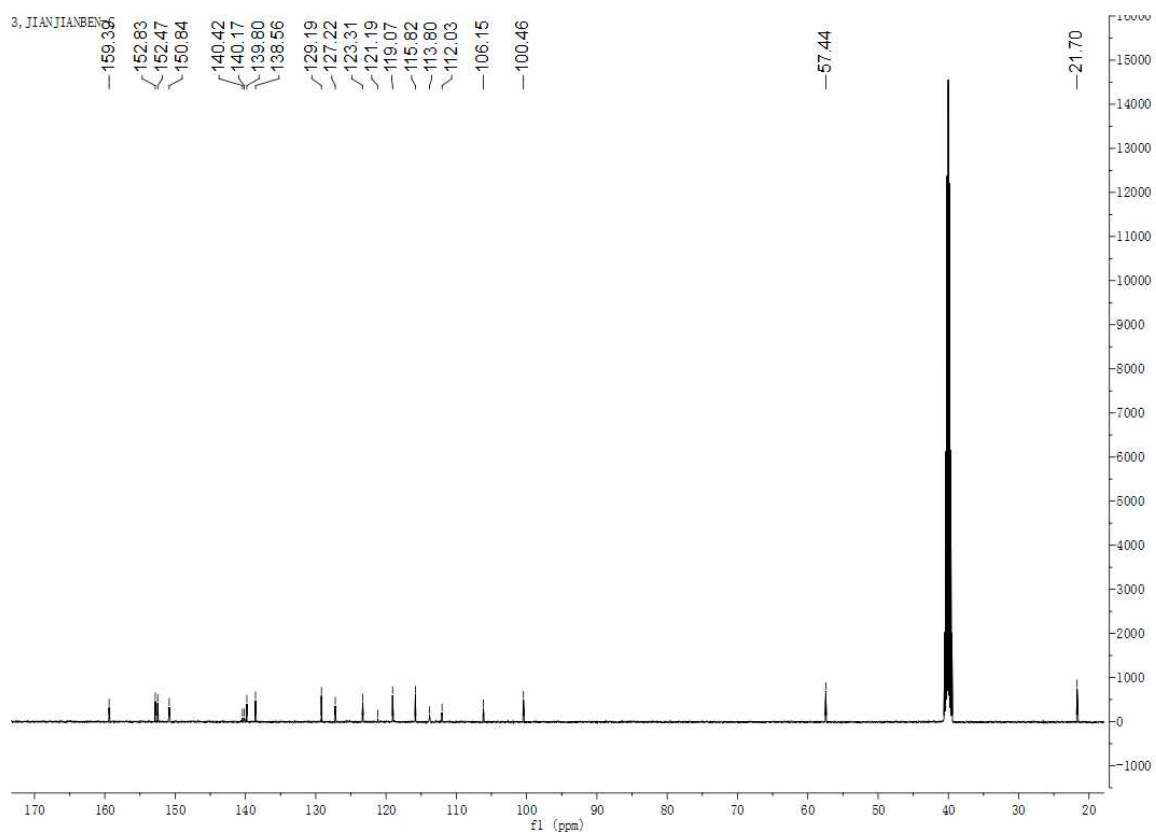


Figure S40. ^{13}C NMR of 5o

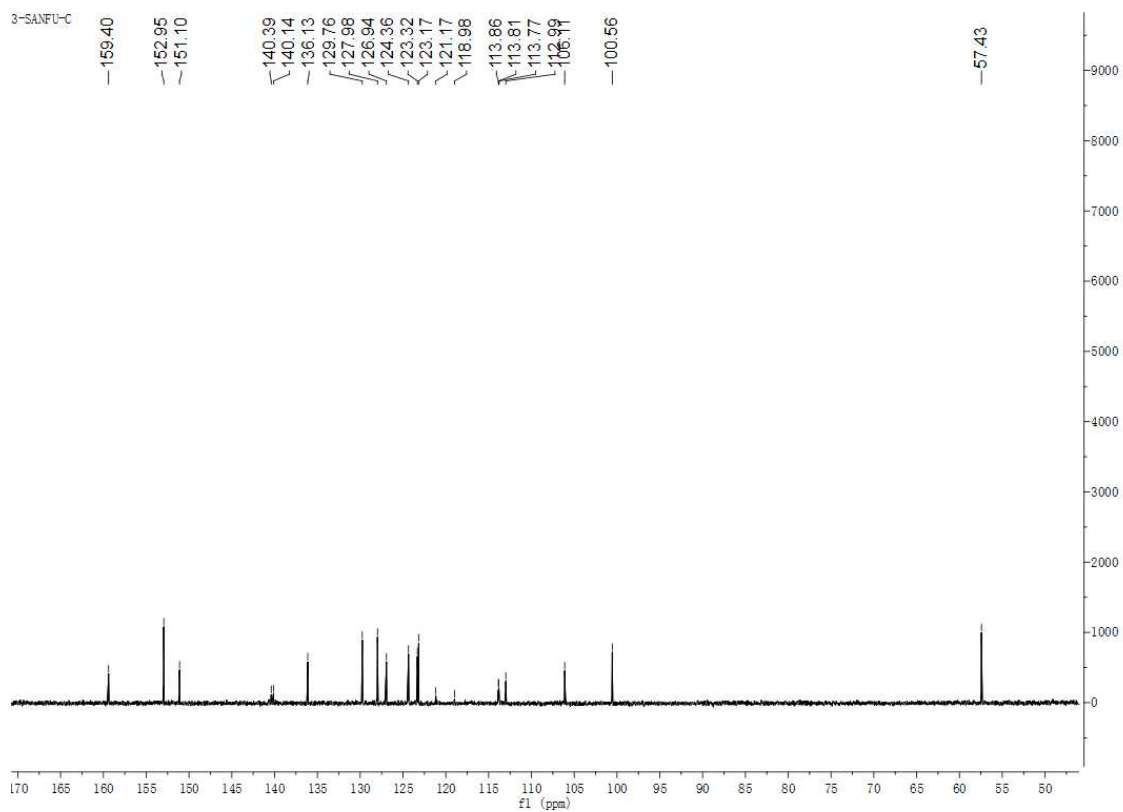


Figure S41. ^{13}C NMR of 5p

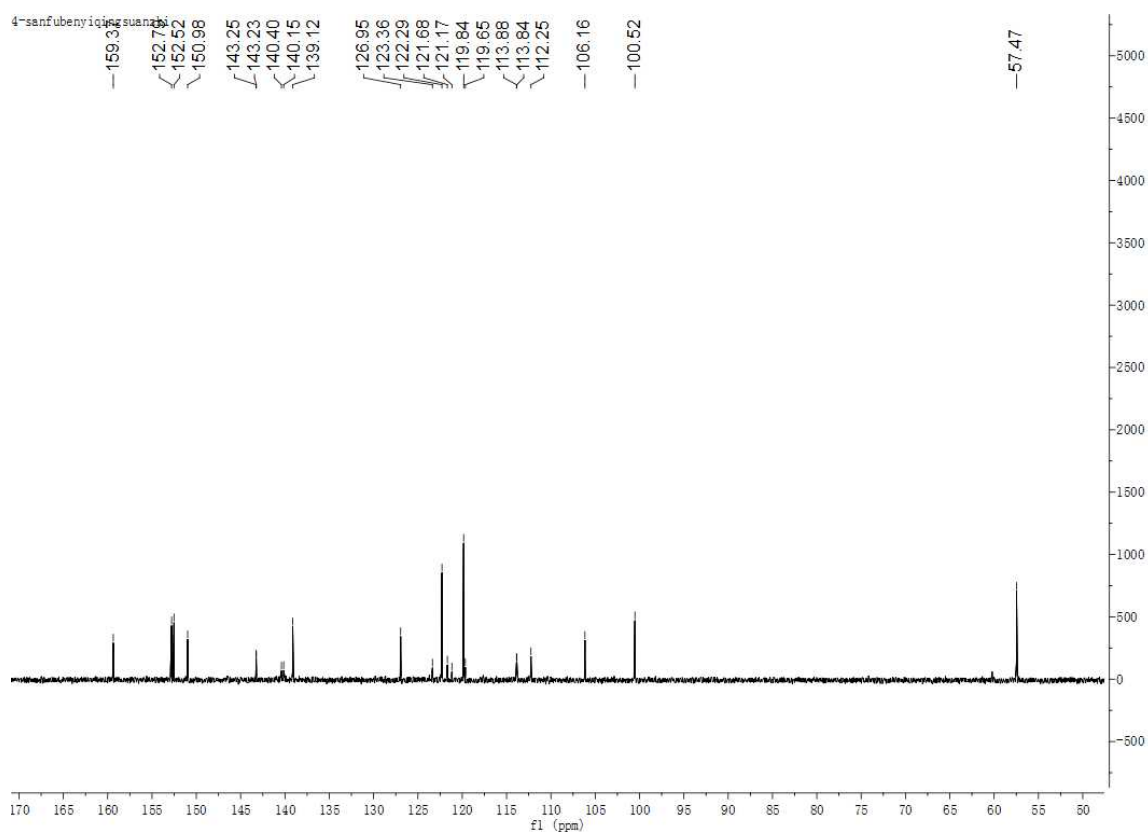


Figure S42. ^{13}C NMR of 5q

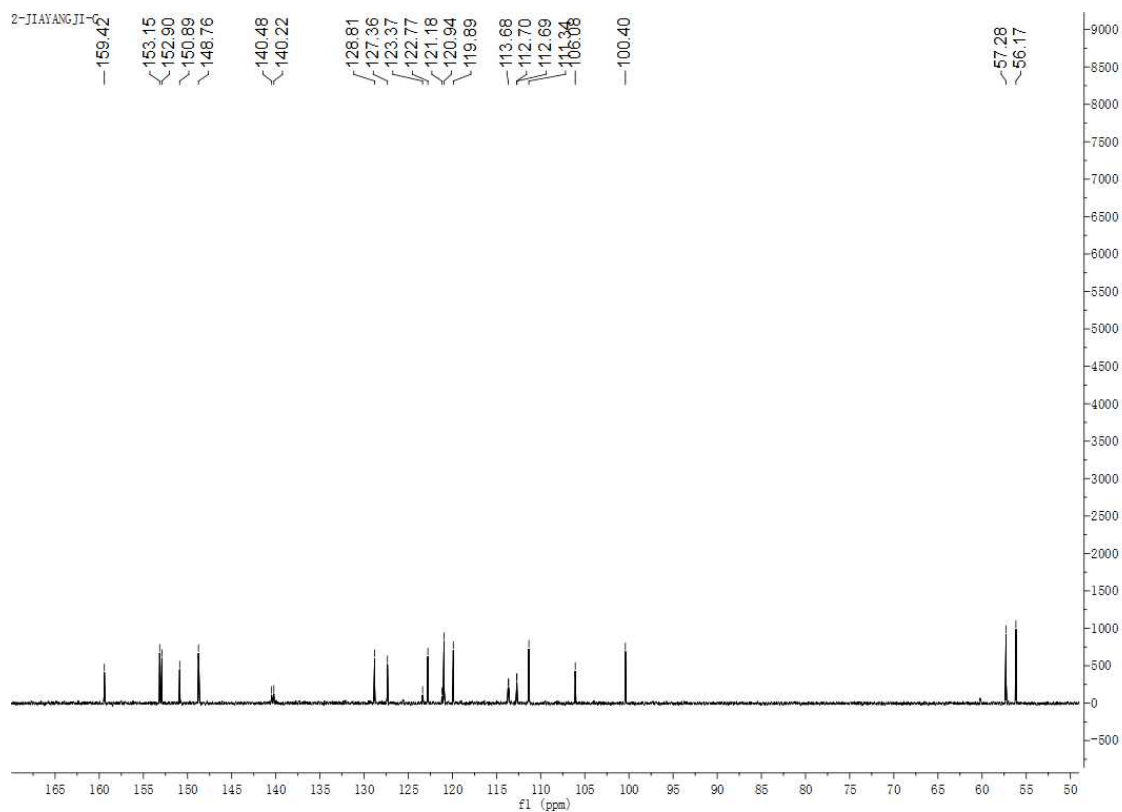


Figure S43. ^{13}C NMR of 5r

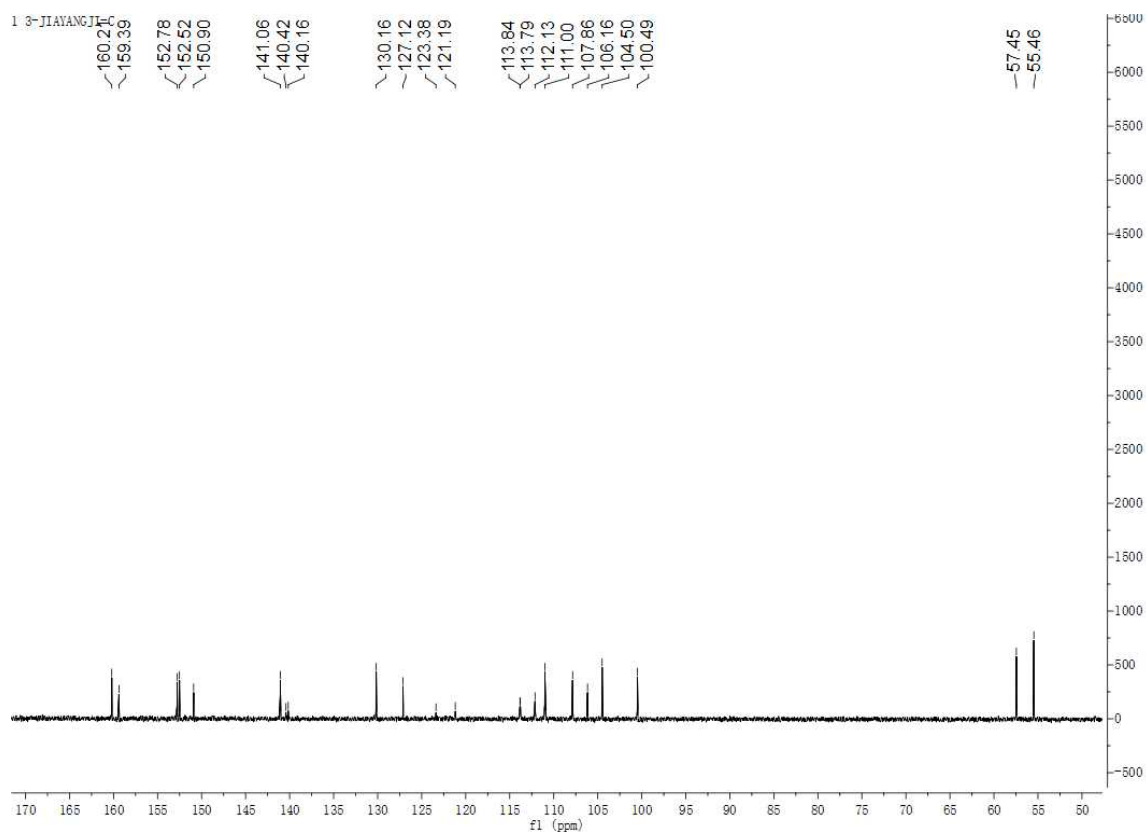


Figure S44. ^{13}C NMR of 5s

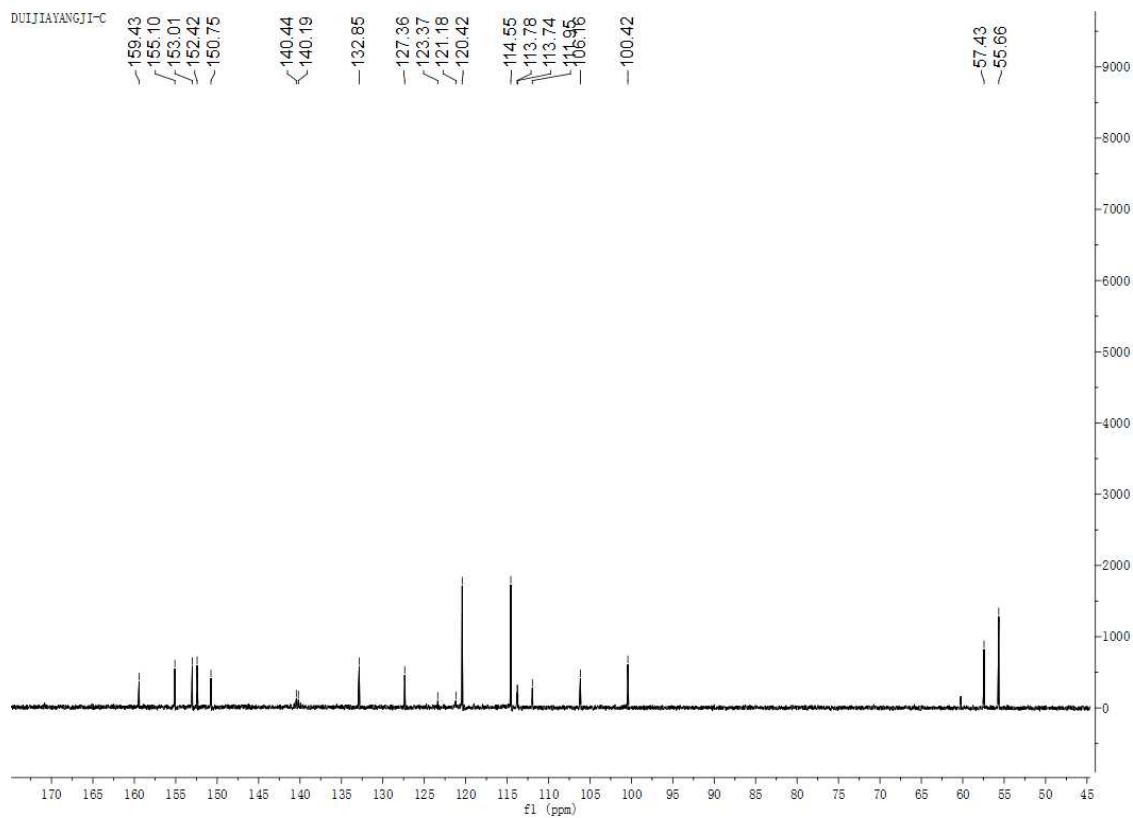


Figure S45. ^{13}C NMR of 5t

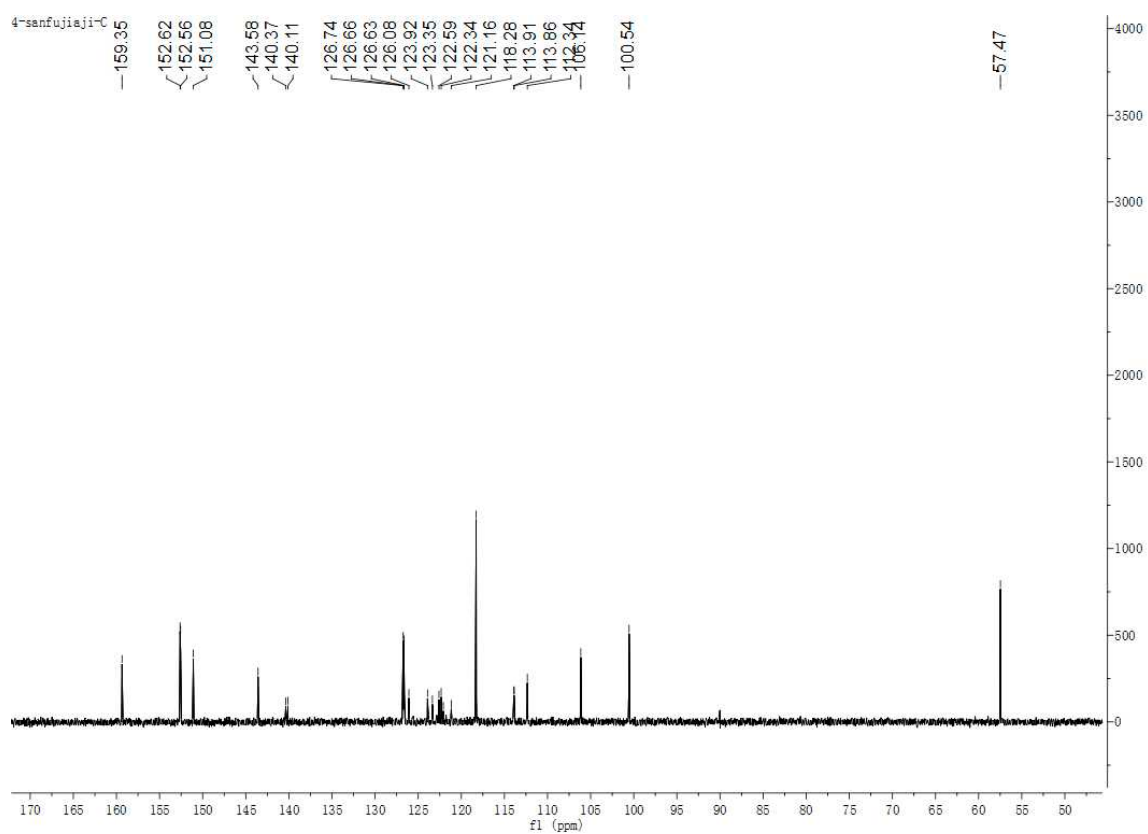


Figure S46. ^{13}C NMR of 5u

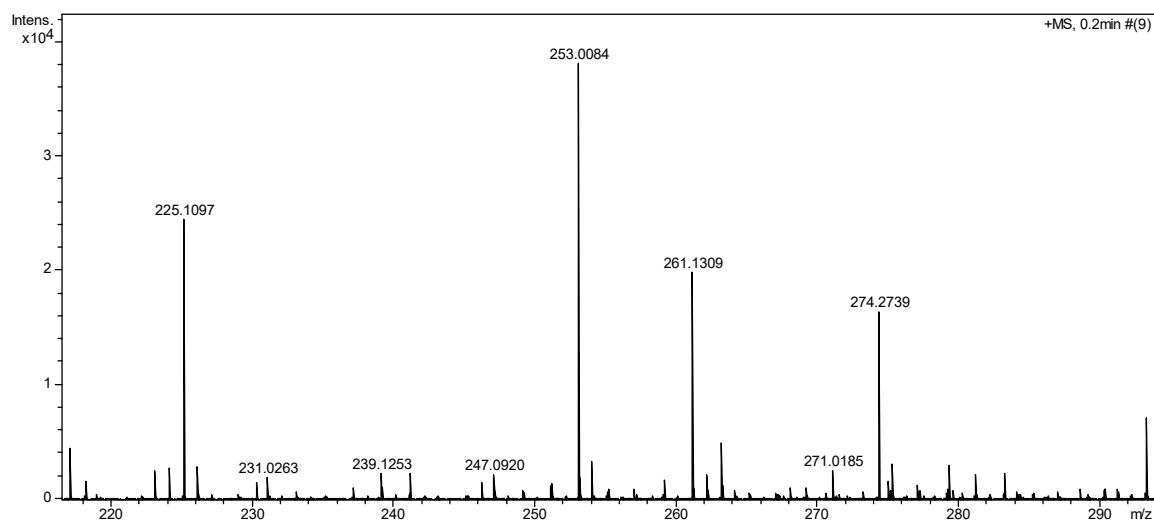


Figure S47. HRMS of 1

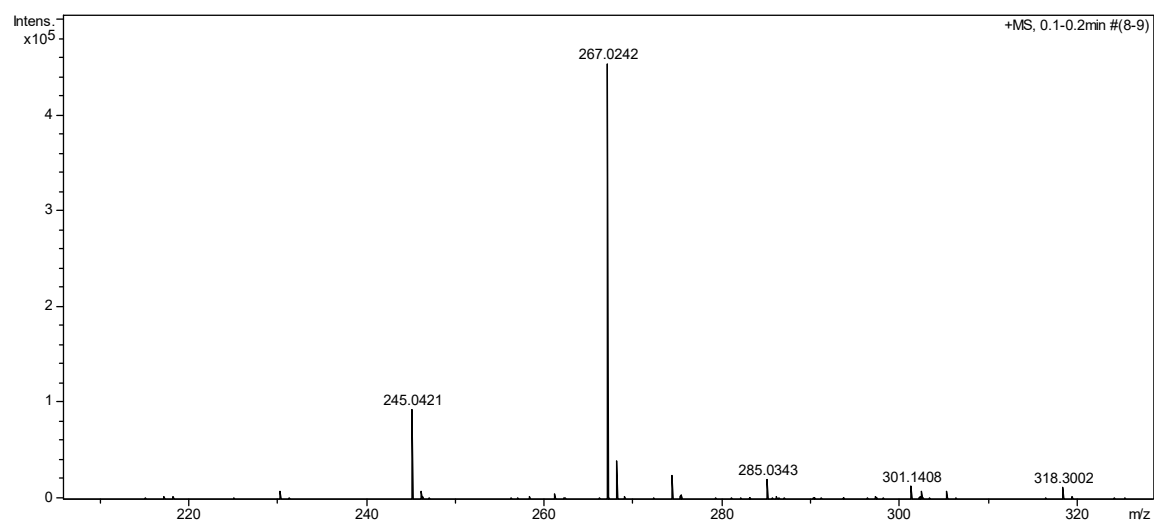


Figure S48. HRMS of 2

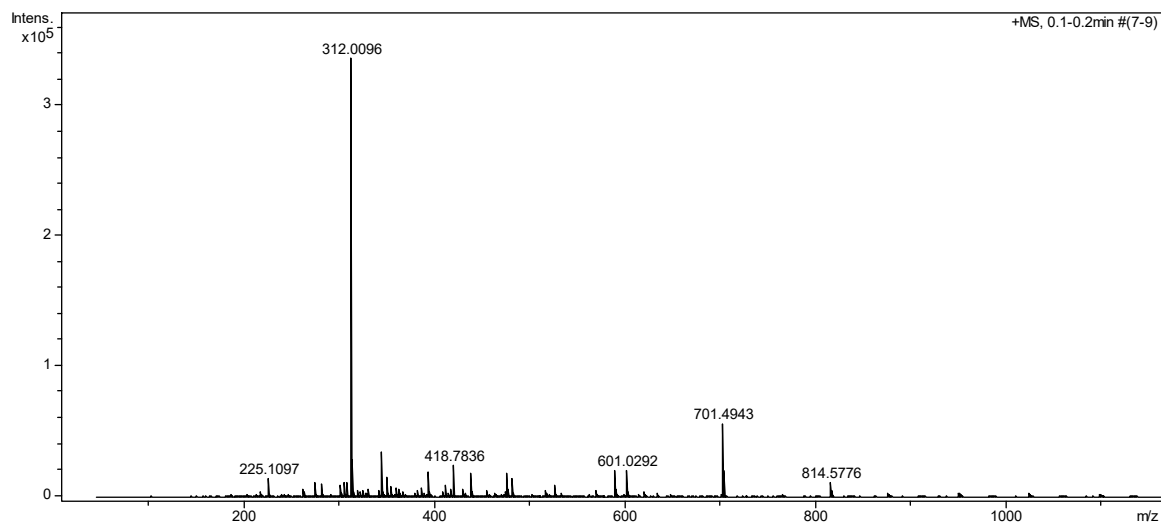


Figure S49. HRMS of 3

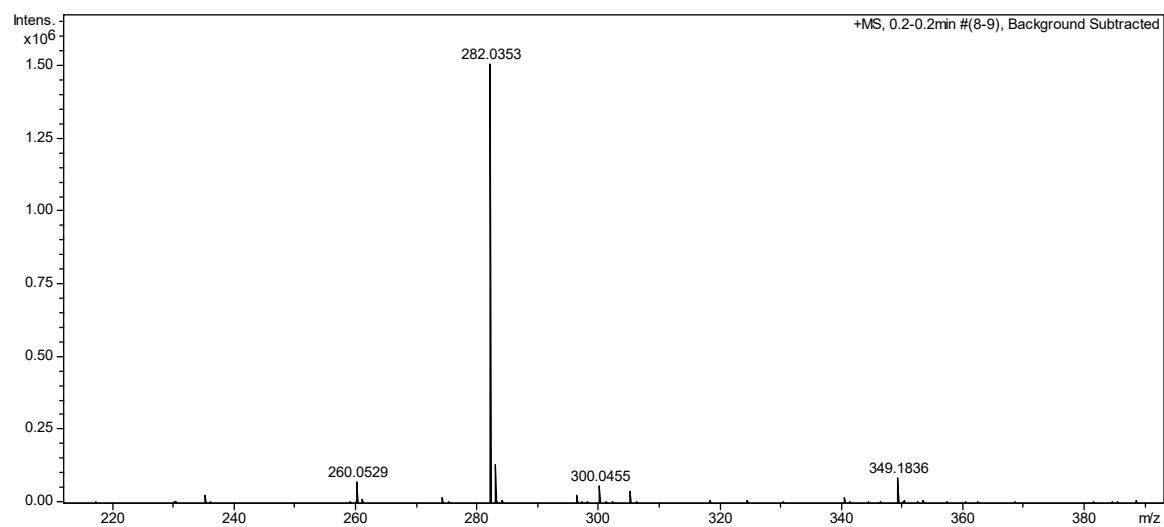


Figure S50. HRMS of 4

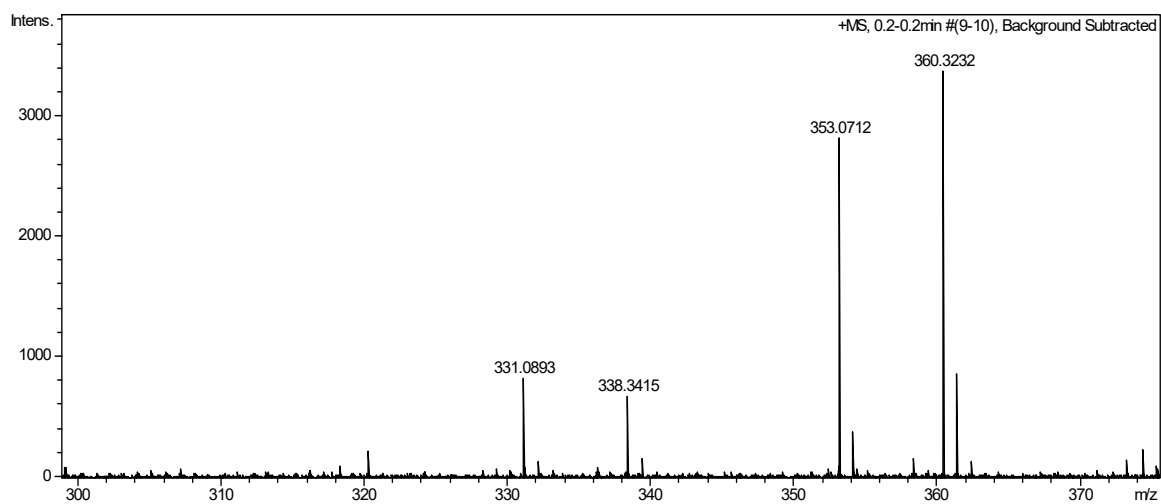


Figure S51. HRMS of 5a

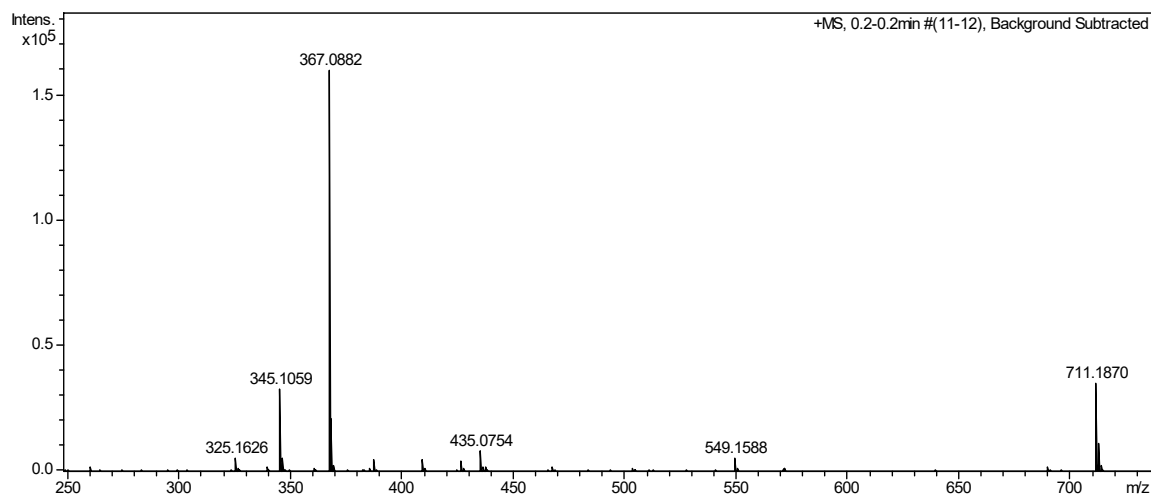


Figure S52. HRMS of 5b

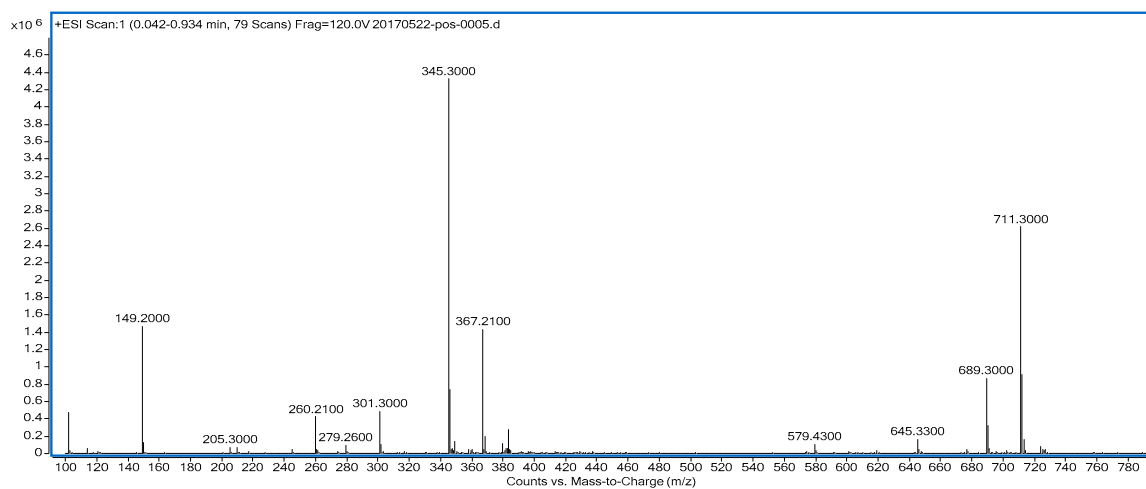


Figure S53. HRMS of 5c

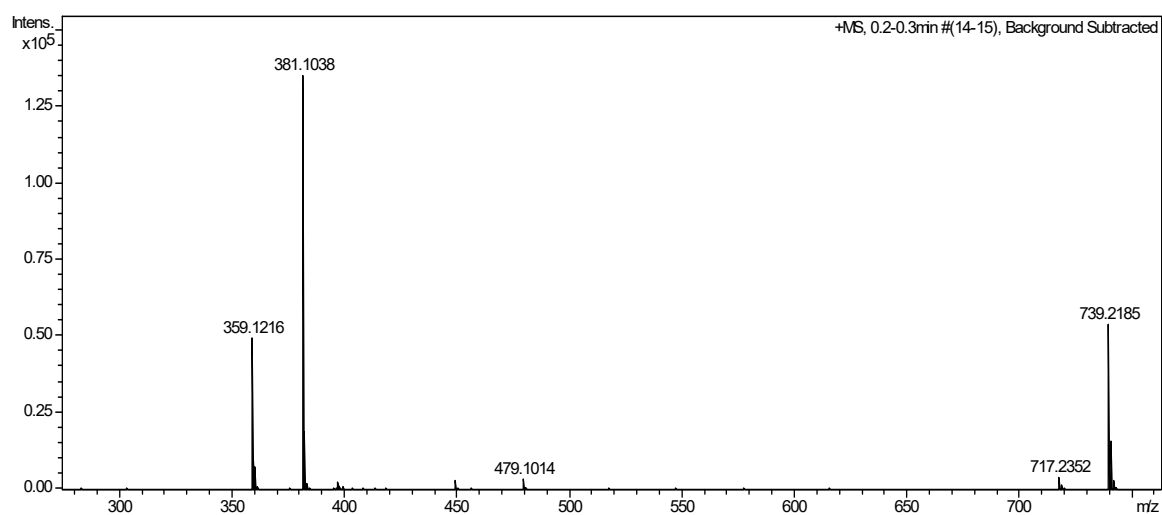


Figure S54. HRMS of 5d

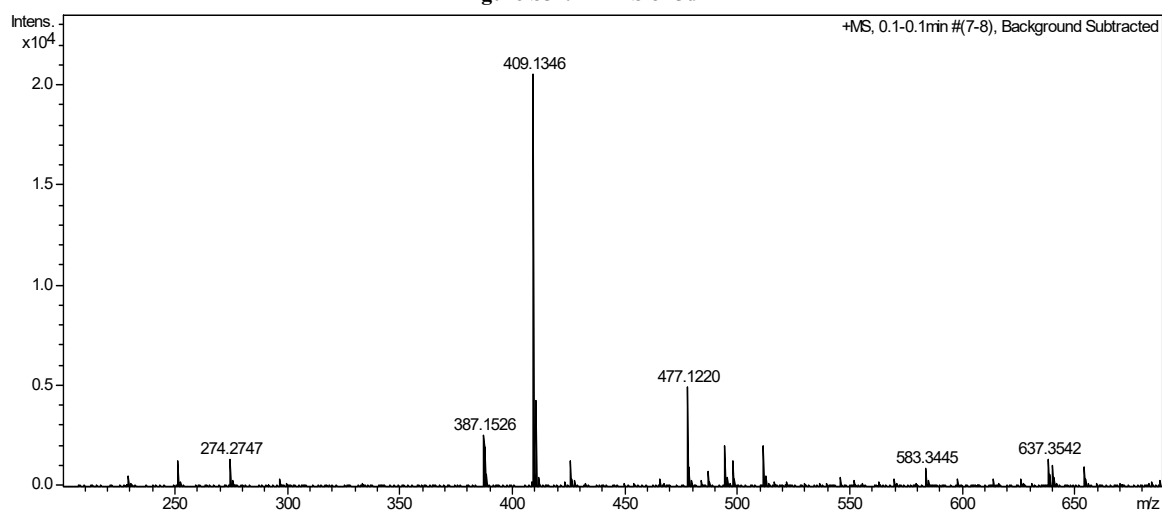


Figure S55. HRMS of 5e

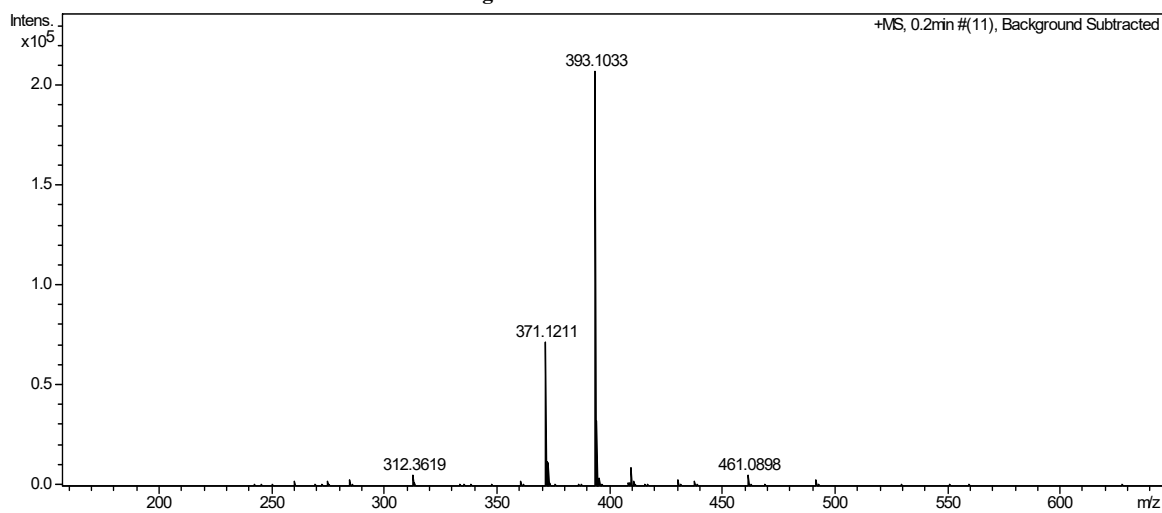


Figure S56 HRMS of 5f

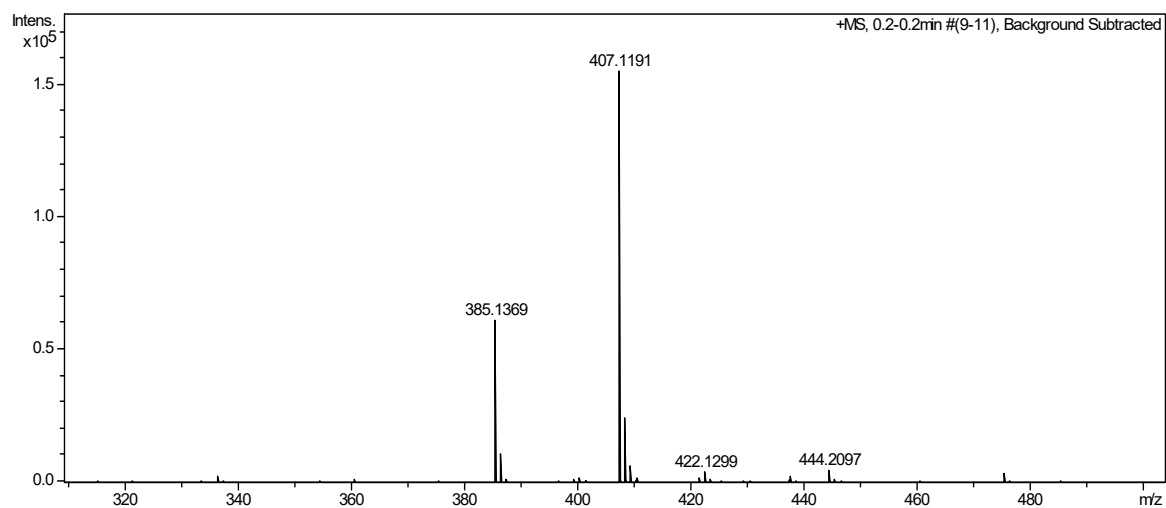


Figure S57. HRMS of 5g

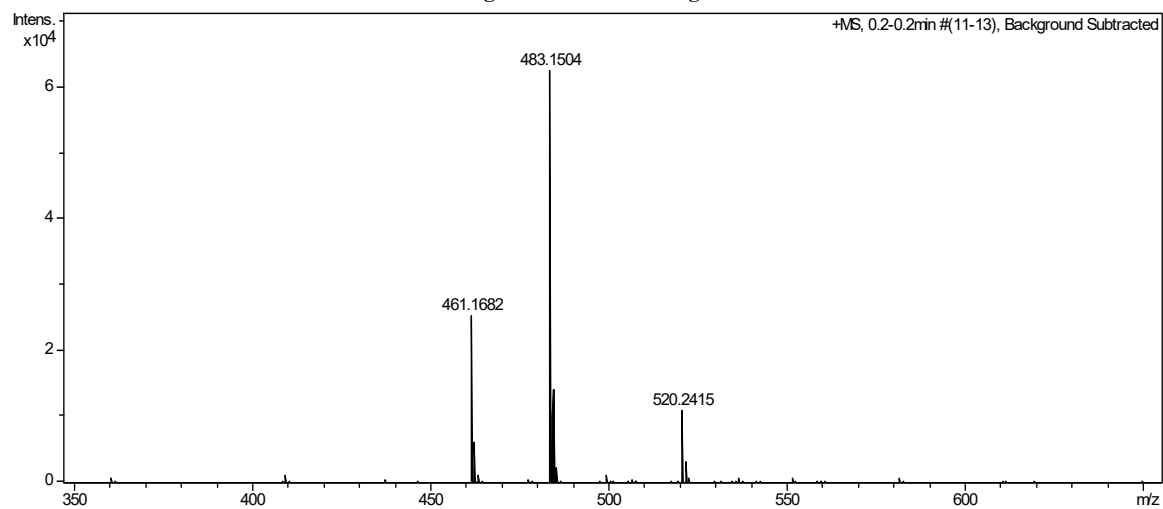


Figure S58. HRMS of 5h

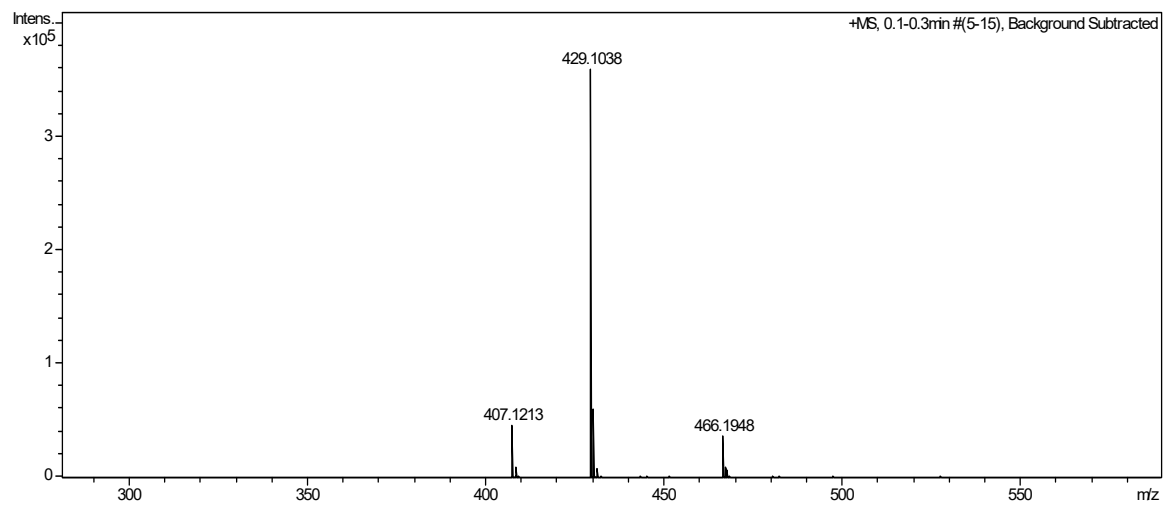


Figure S59. HRMS of 5i

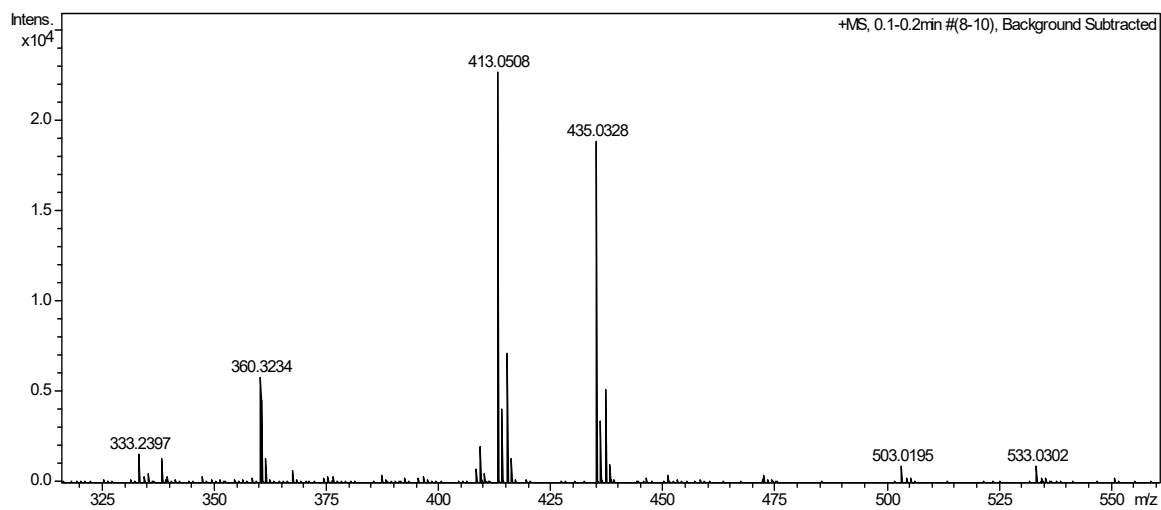


Figure S60. HRMS of 5j

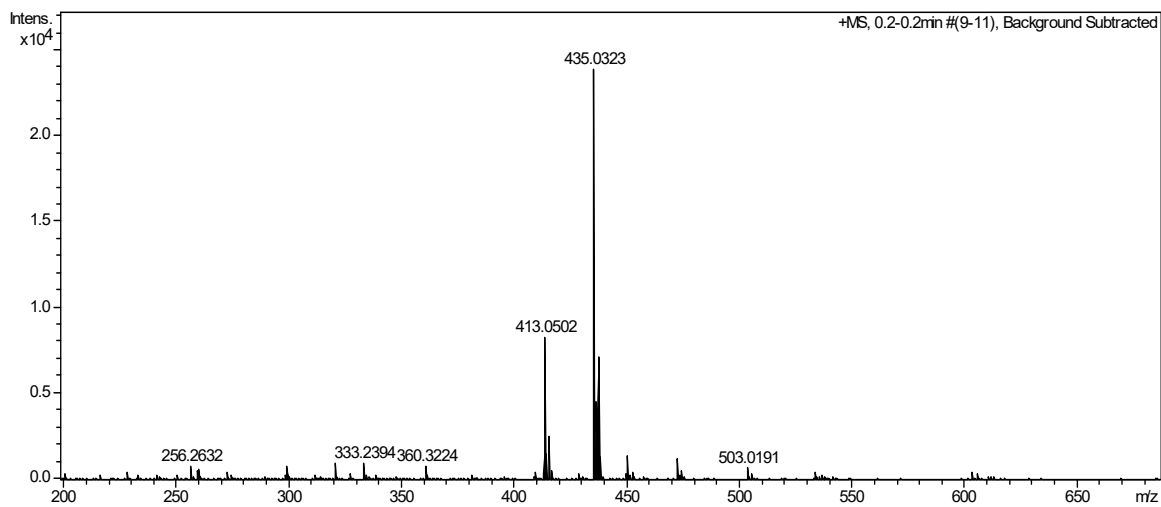


Figure S61. HRMS of 5k

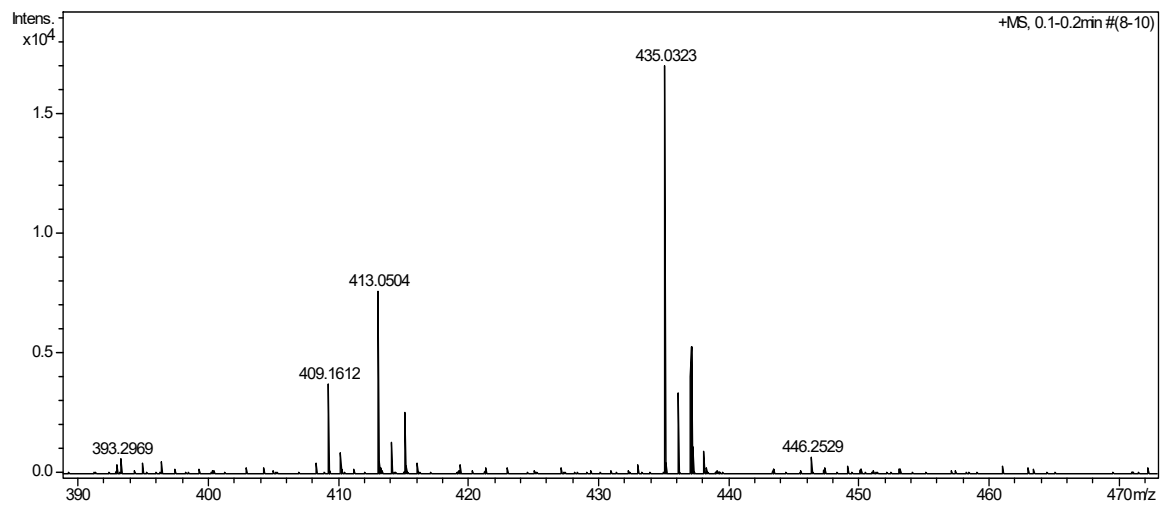


Figure S62 HRMS of 5l

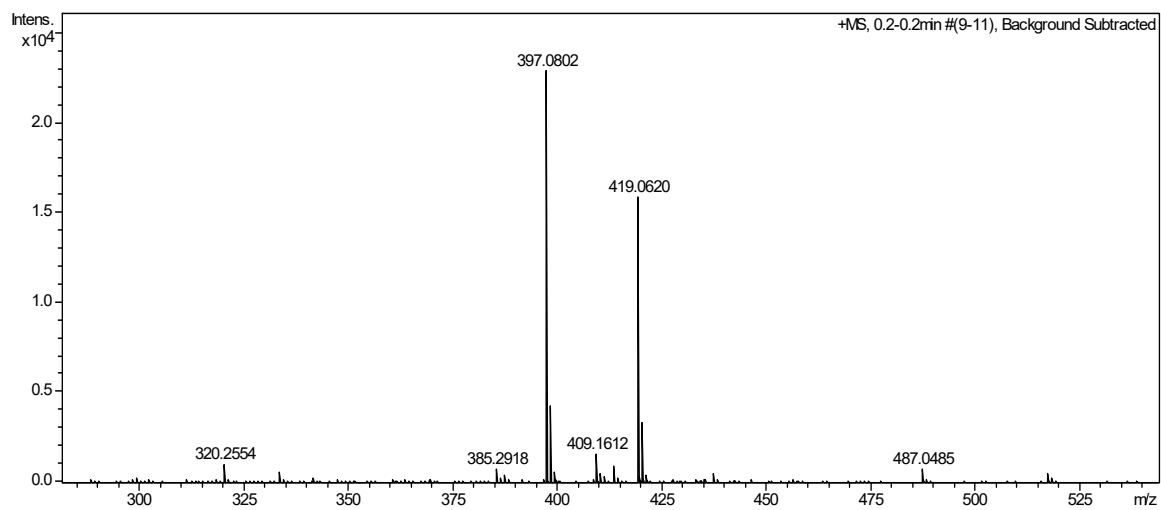


Figure S63. HRMS of 5m

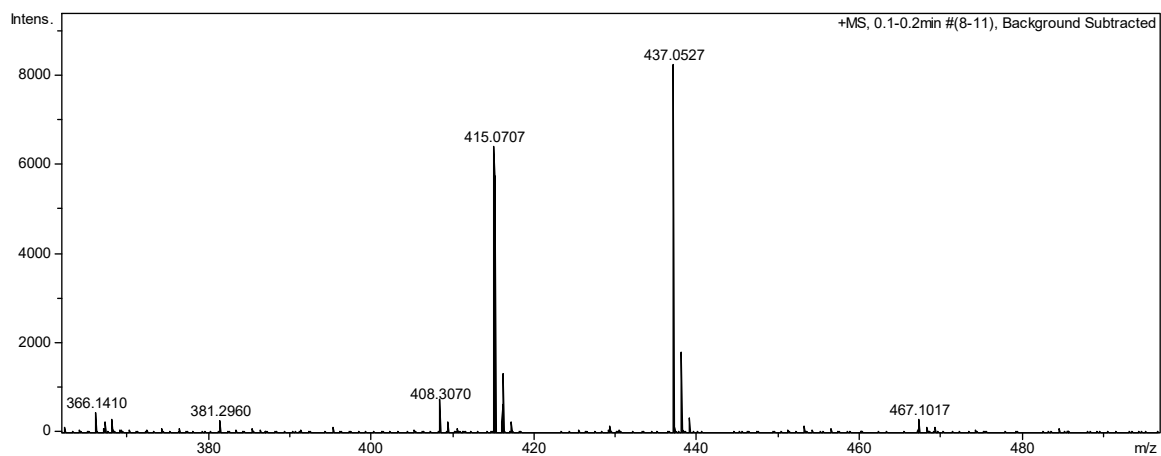


Figure S64. HRMS of 5m

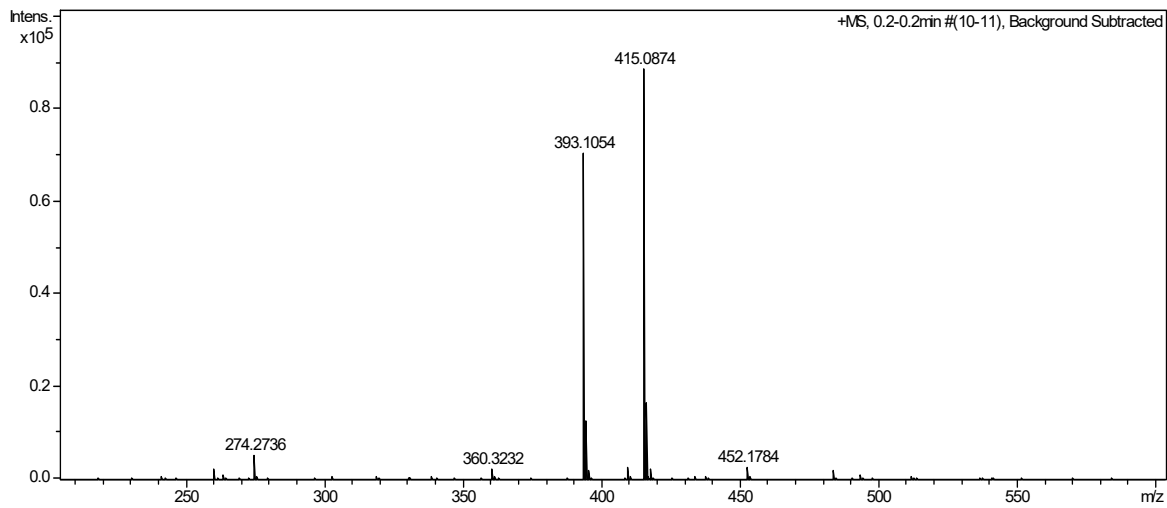


Figure S65. HRMS of 5o

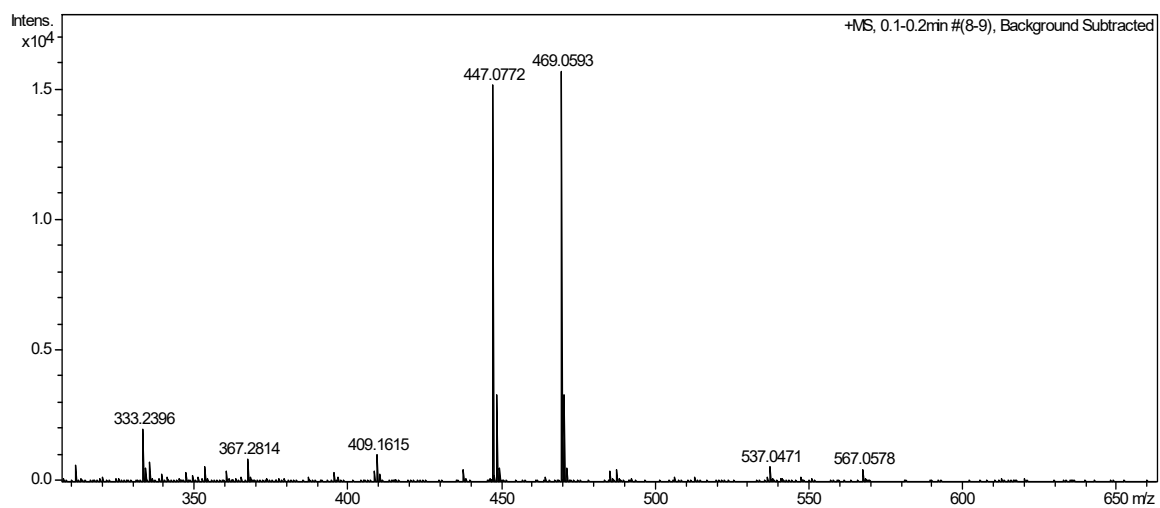


Figure S66 HRMS of 5p

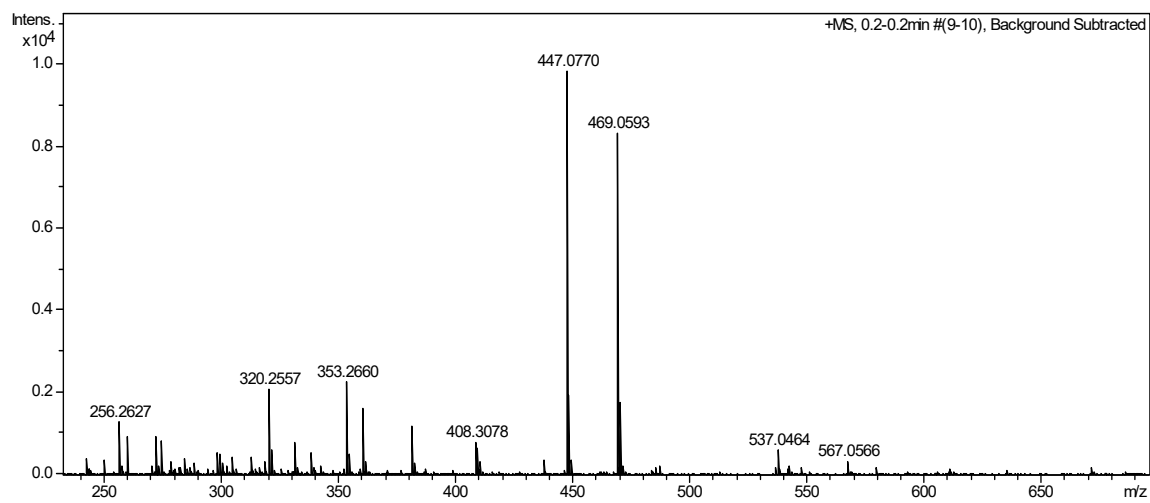


Figure S67. HRMS of 5q

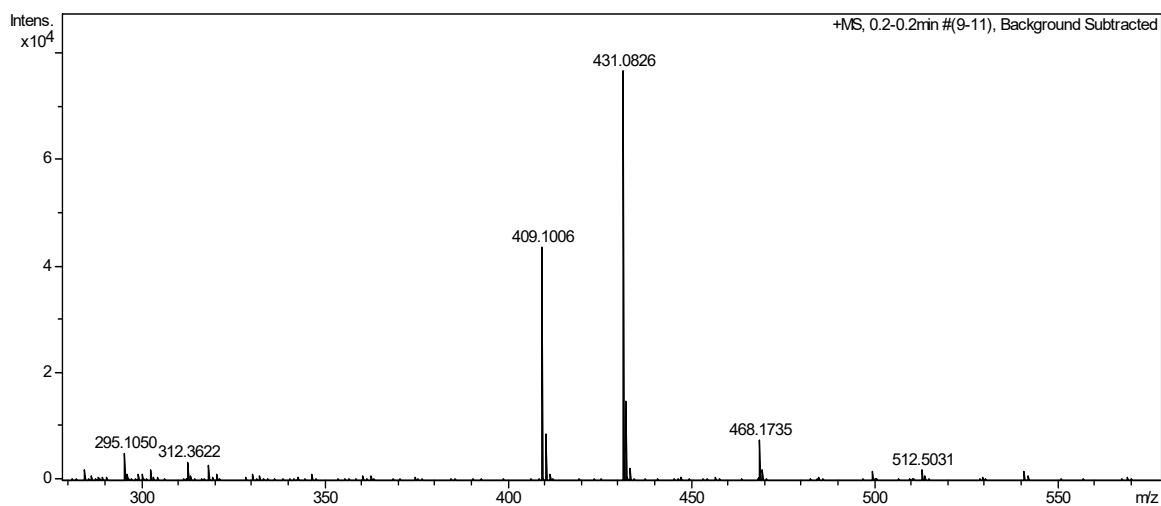


Figure S68. HRMS of 5r

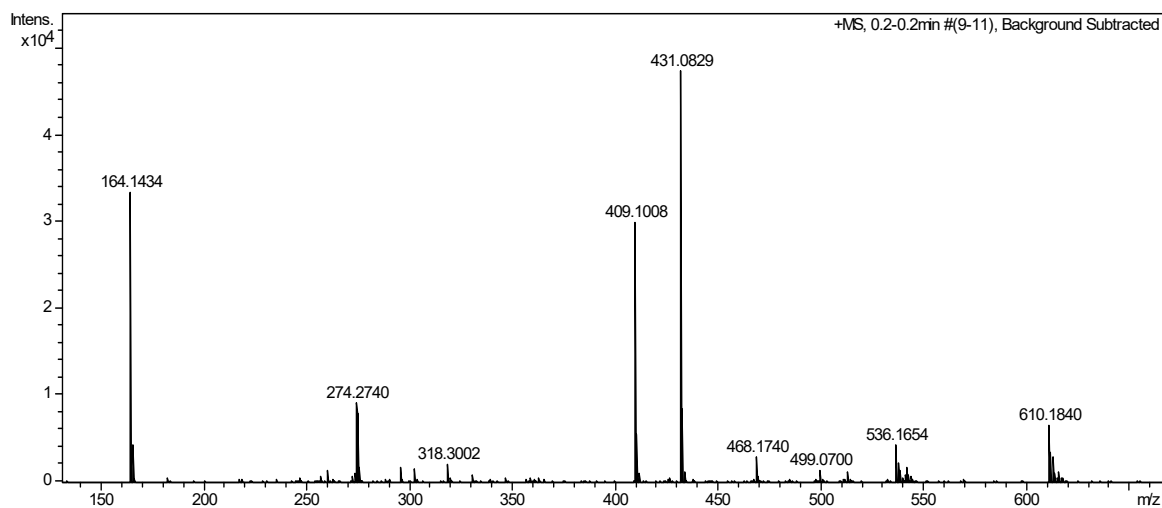


Figure S69. HRMS of 5s

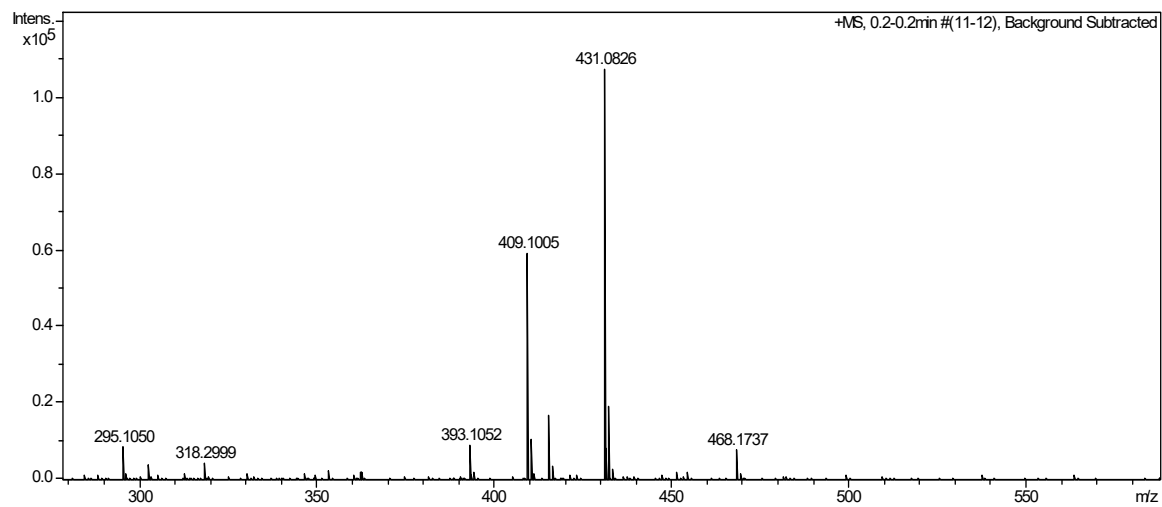


Figure S70. HRMS of 5t

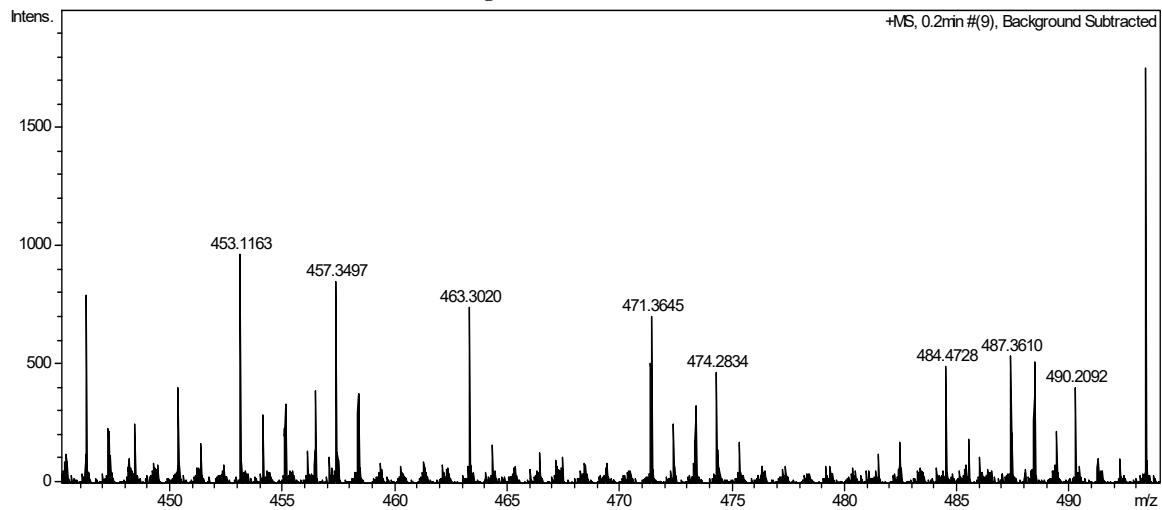


Figure S71. HRMS of 5u