

1. ^1H -NMR and ^{13}C -NMR spectra of the Suzuki-Miyaura Cross-coupling products 12a-q

Figure S1. ^1H -NMR spectrum of 12a.

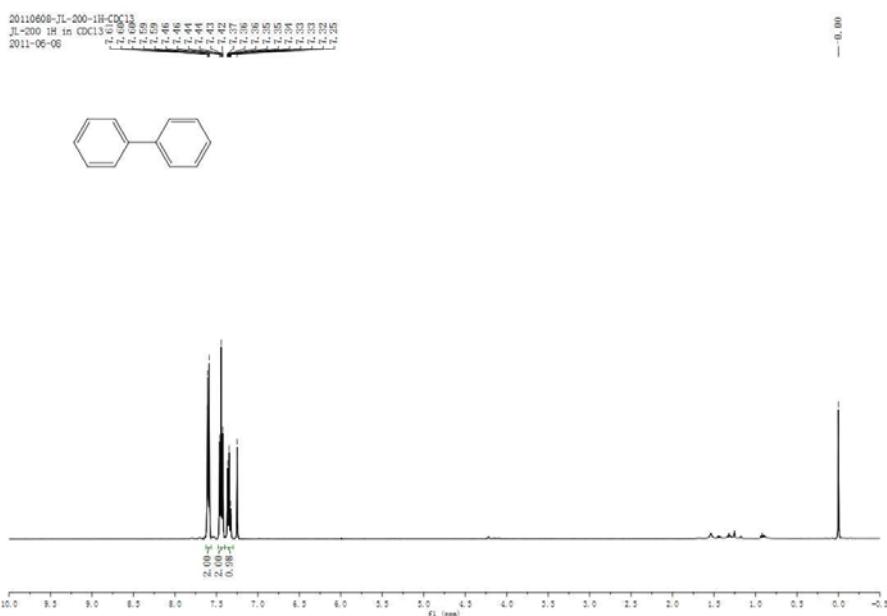


Figure S2. ^{13}C -NMR spectrum of 12a.

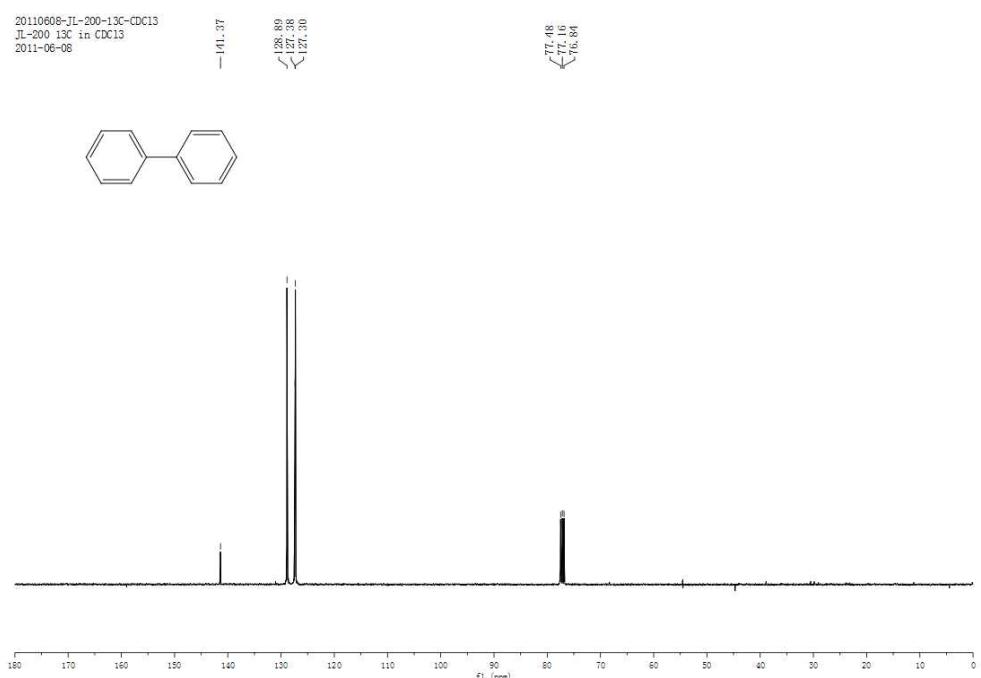


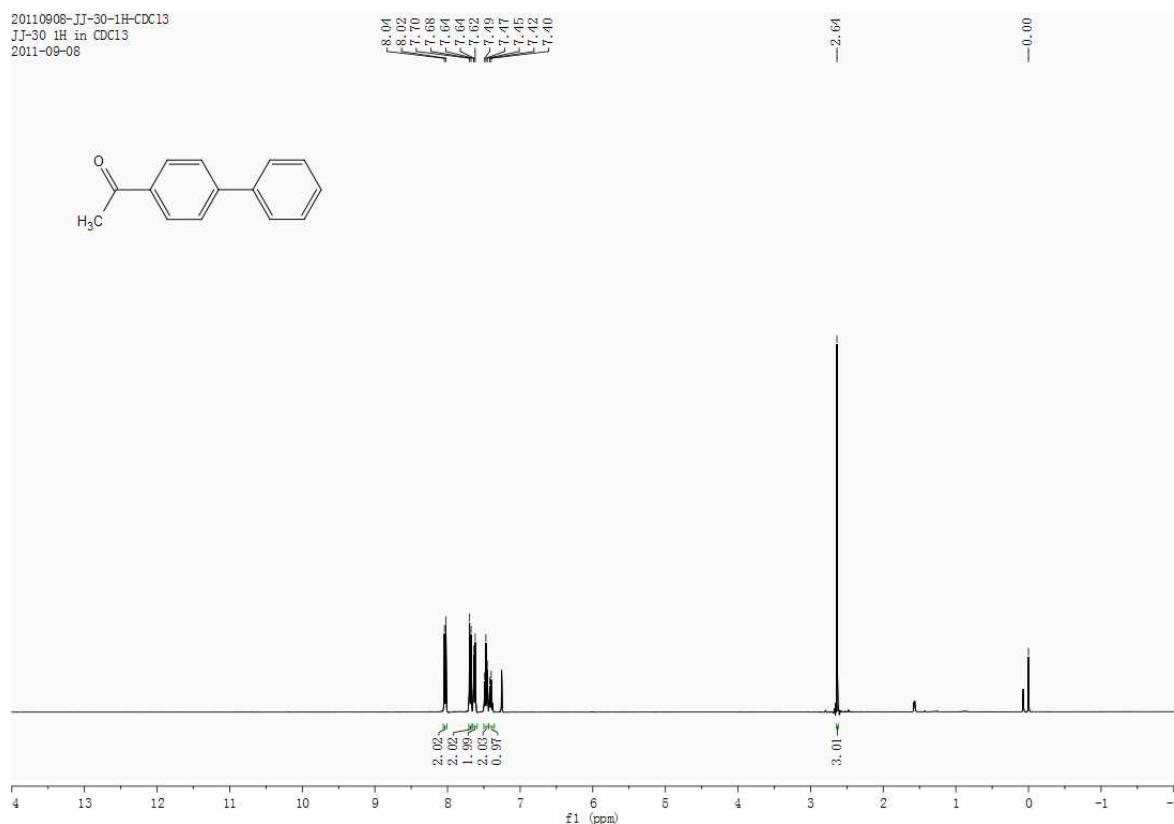
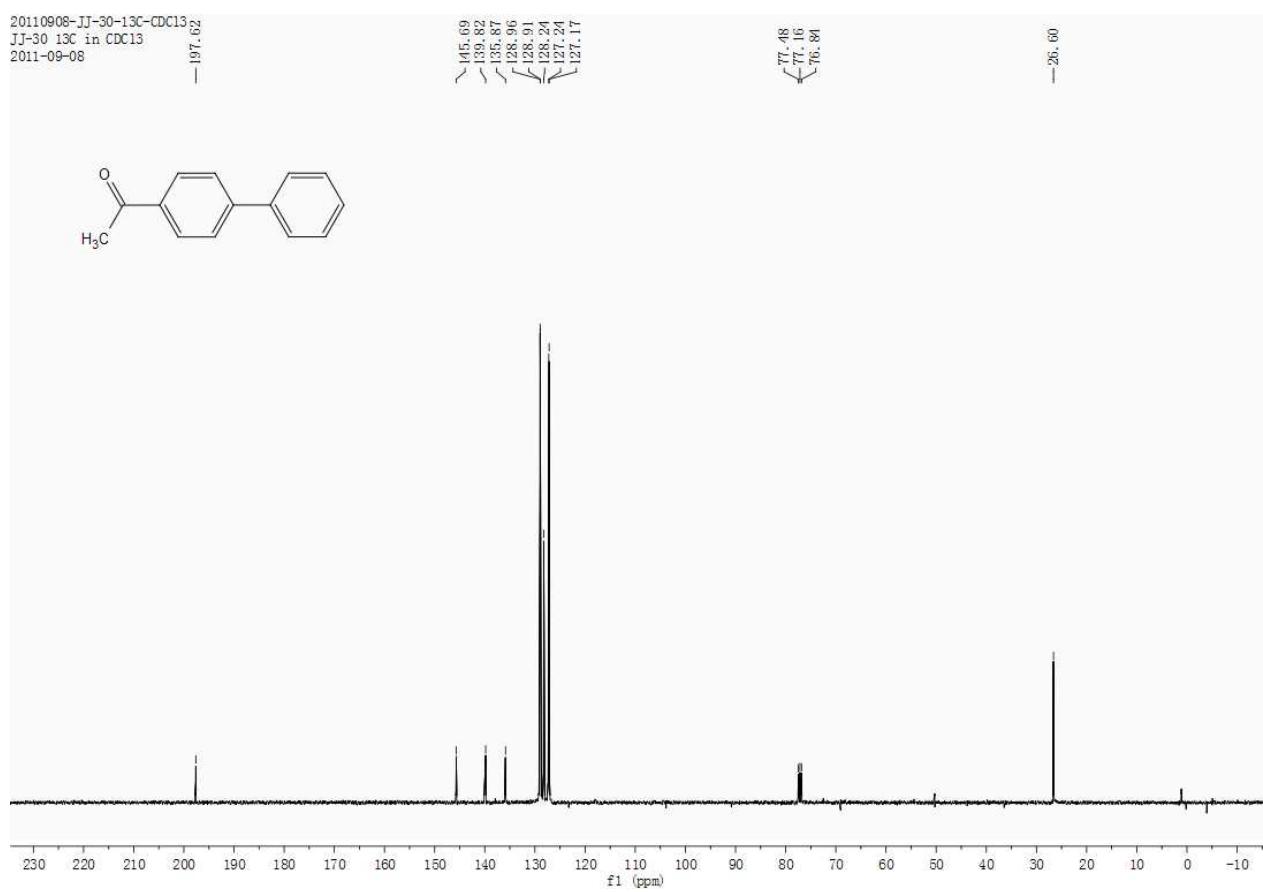
Figure S3. ^1H -NMR spectrum of **12b**.**Figure S4.** ^{13}C -NMR spectrum of **12b**.

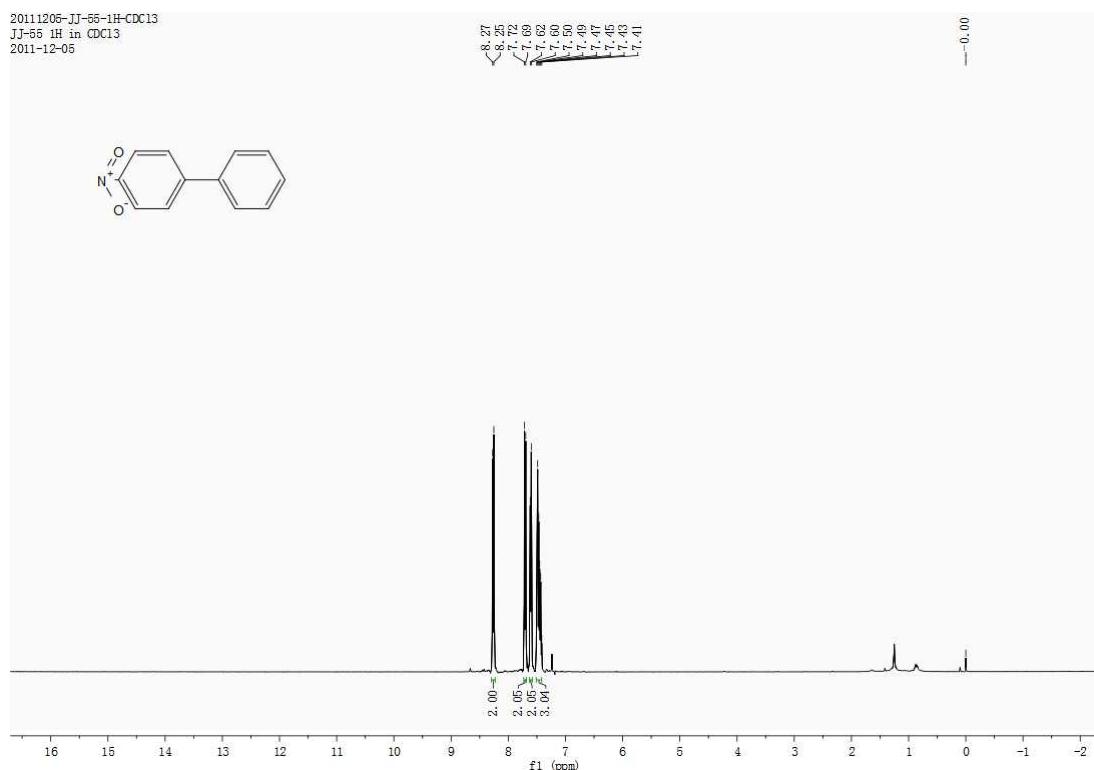
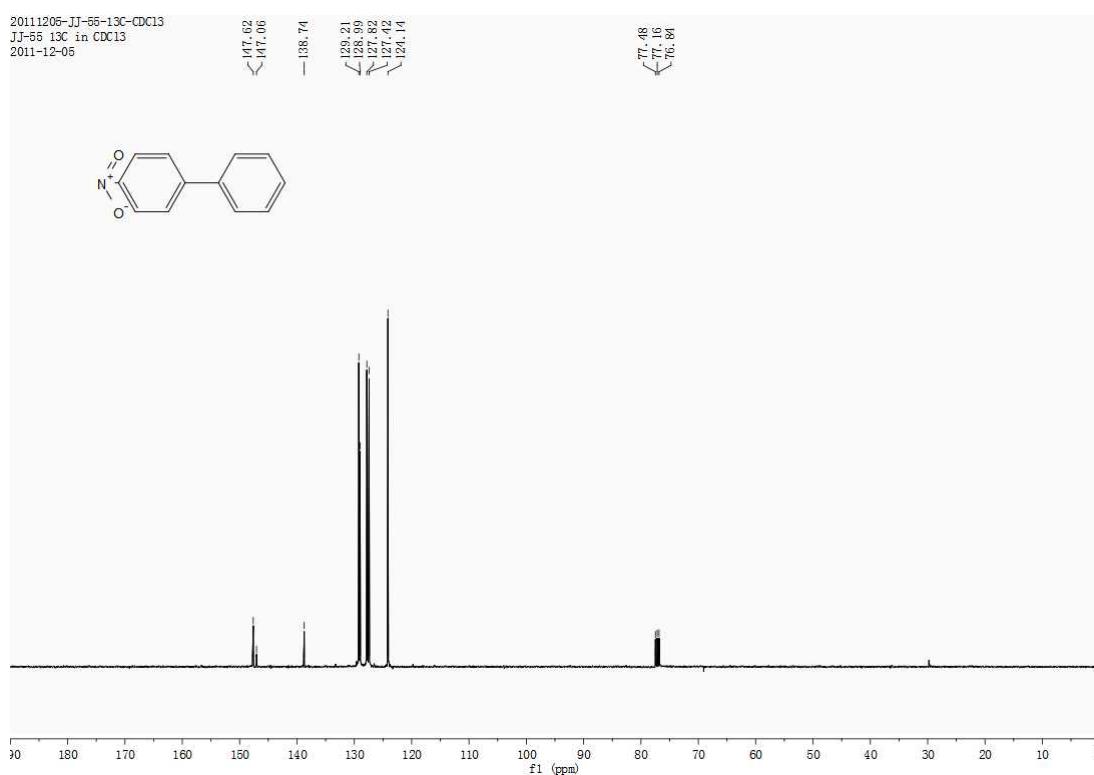
Figure S5. ^1H -NMR spectrum of **12c**.**Figure S6.** ^{13}C -NMR spectrum of **12c**.

Figure S7. ^1H -NMR spectrum of **12d**.

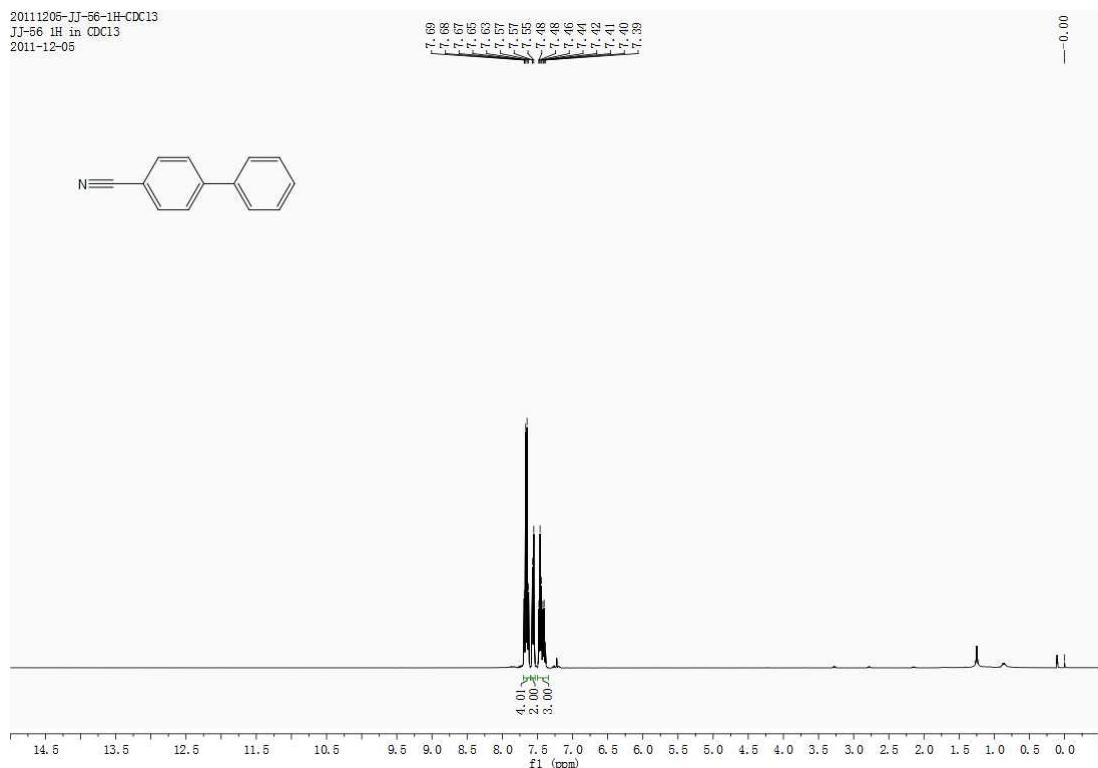


Figure S8. ^{13}C -NMR spectrum of **12d**.

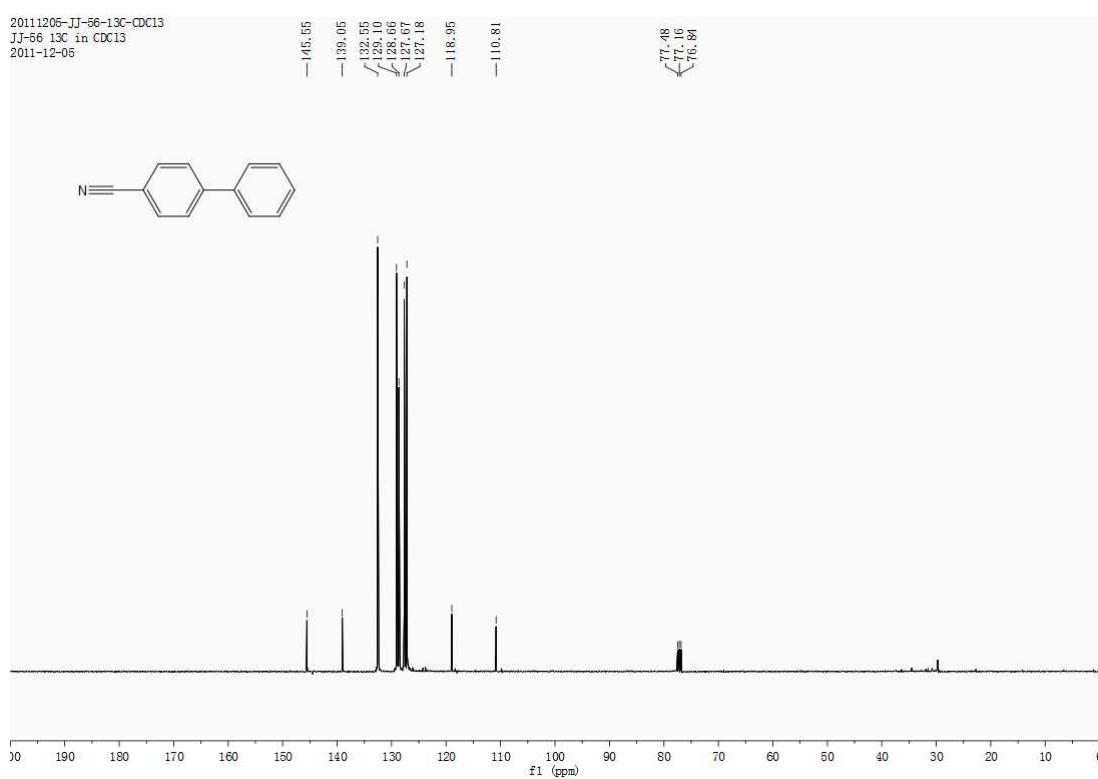


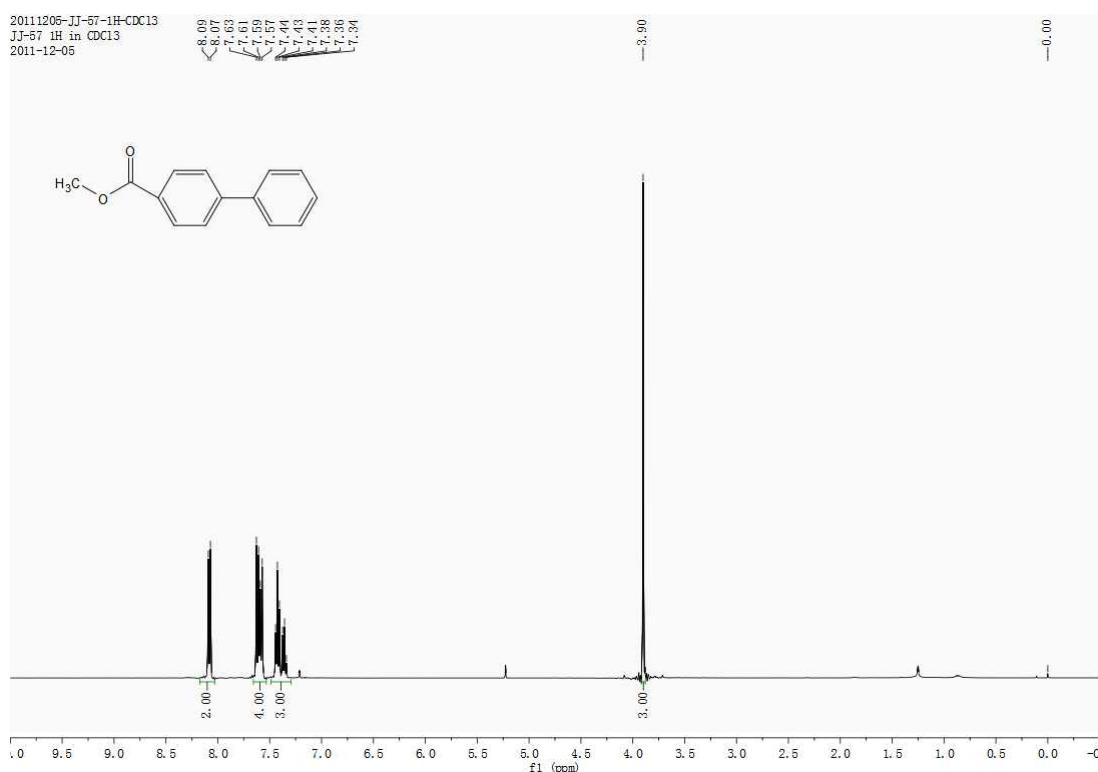
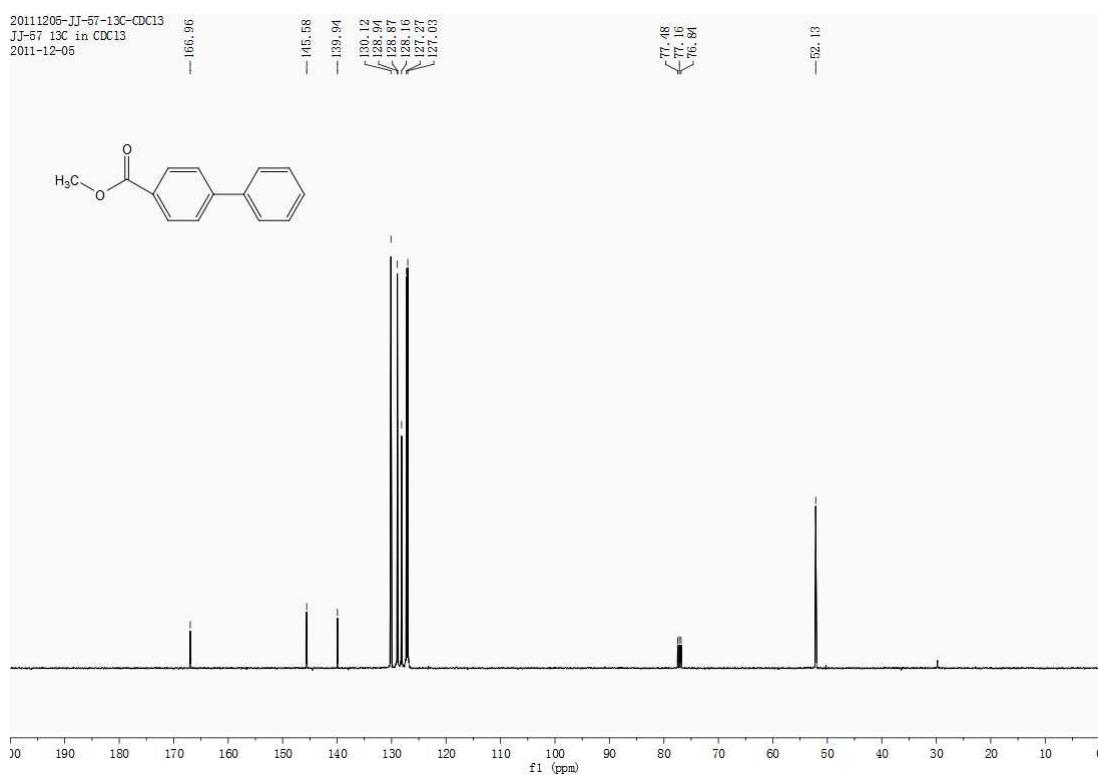
Figure S9. ^1H -NMR spectrum of **12e**.**Figure S10.** ^{13}C -NMR spectrum of **12e**.

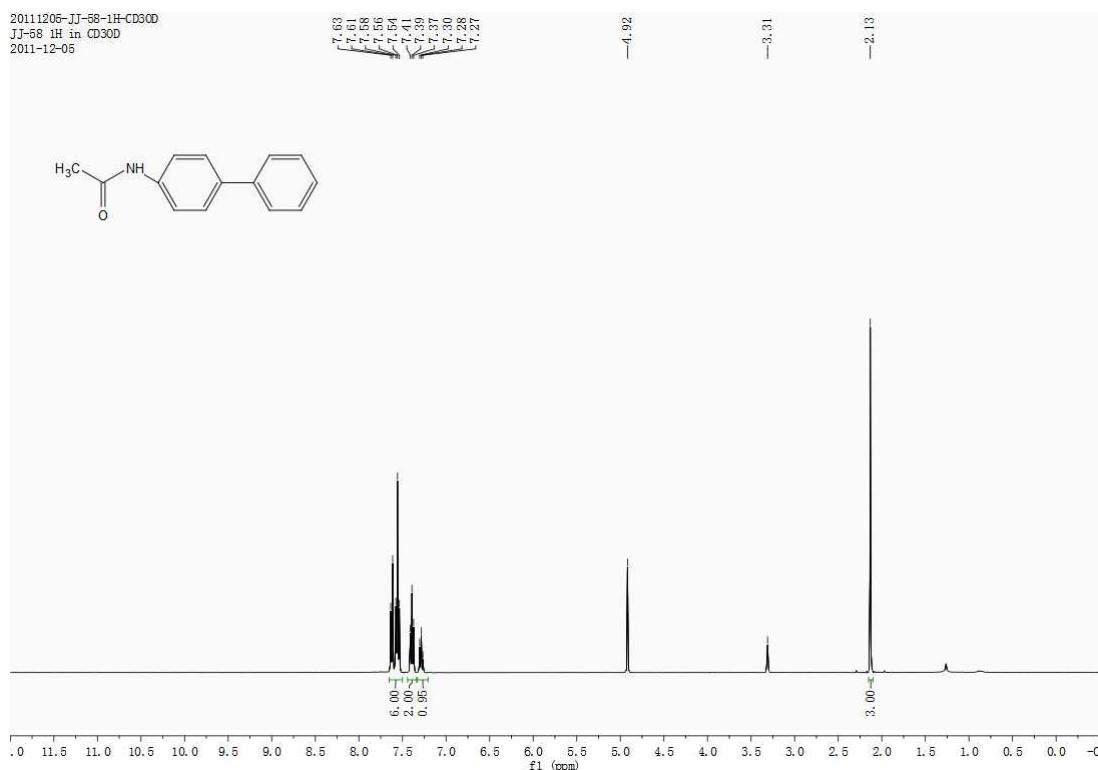
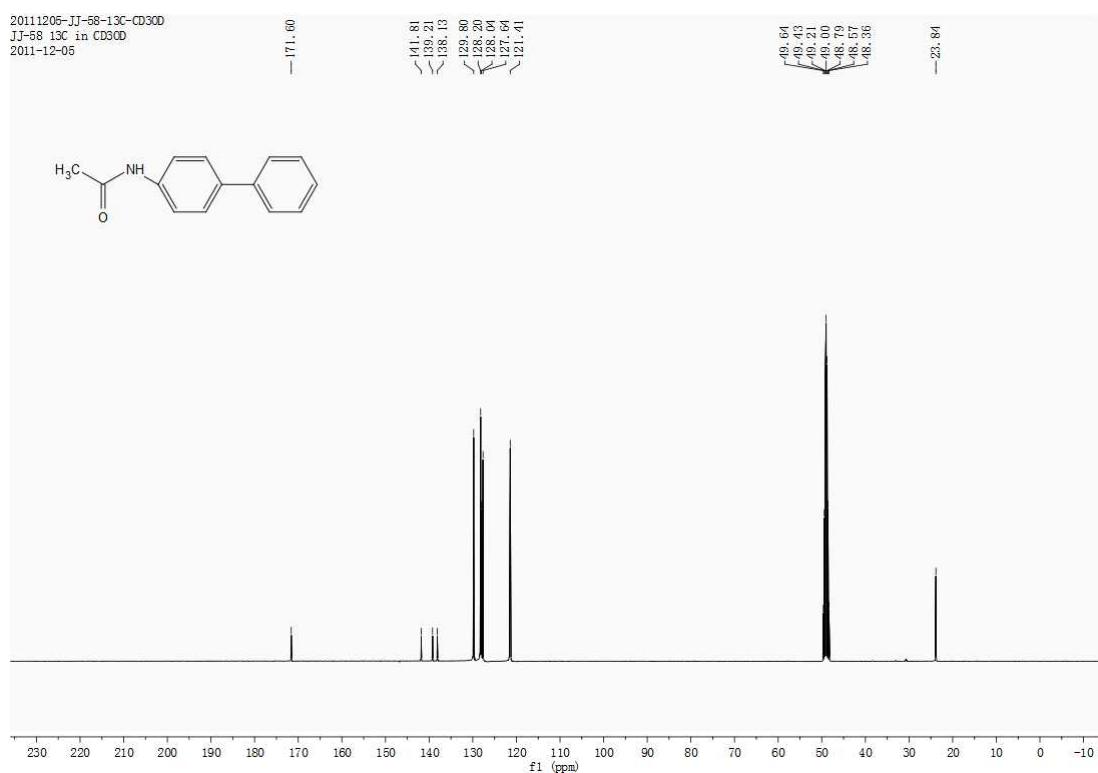
Figure S11. ^1H -NMR spectrum of **12f**.**Figure S12.** ^{13}C -NMR spectrum of **12f**.

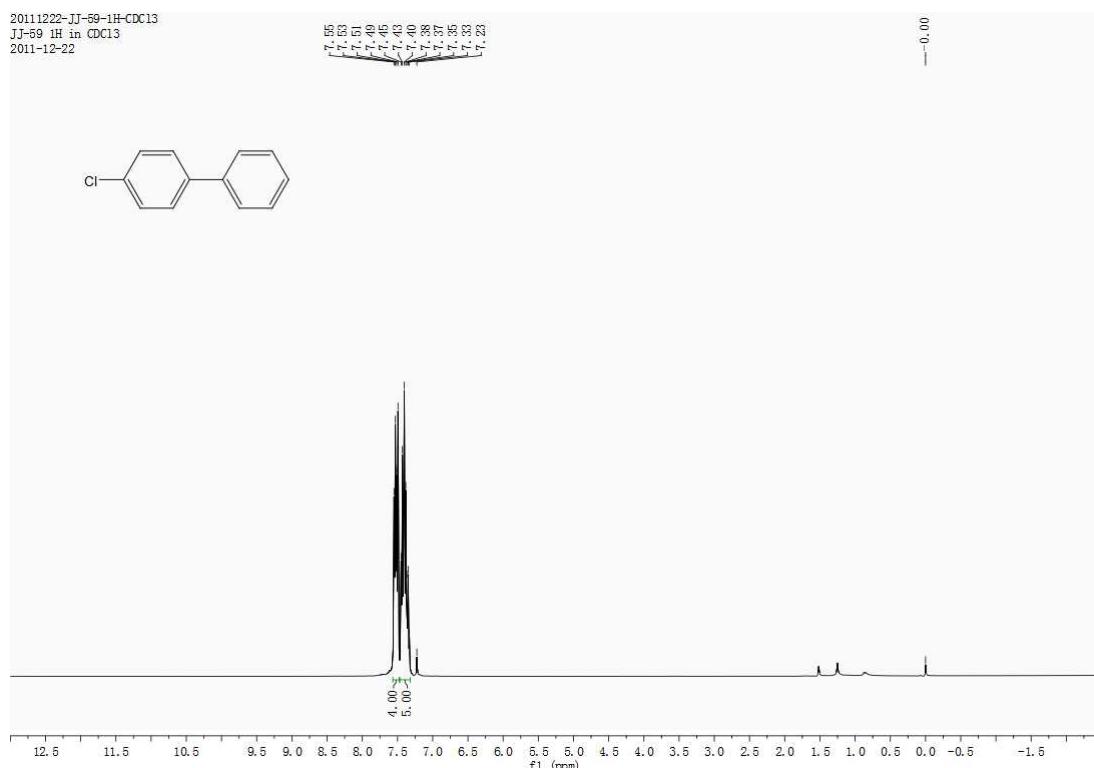
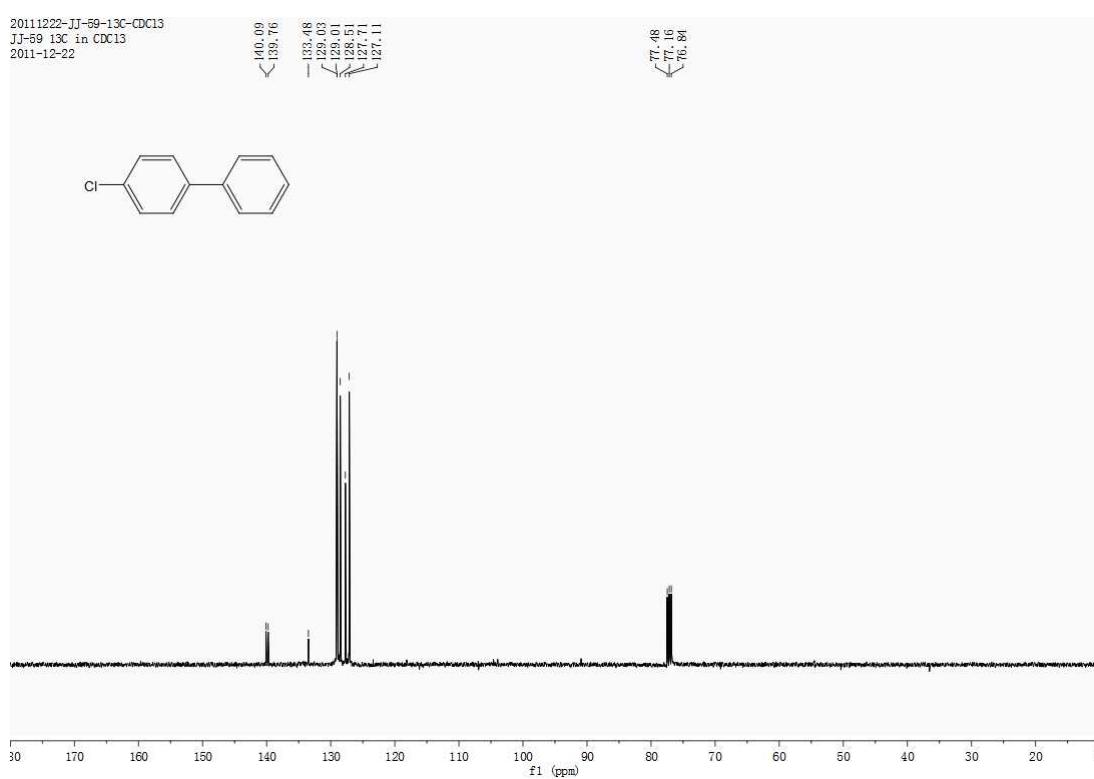
Figure S13. ^1H -NMR spectrum of **12g**.**Figure S14.** ^{13}C -NMR spectrum of **12g**.

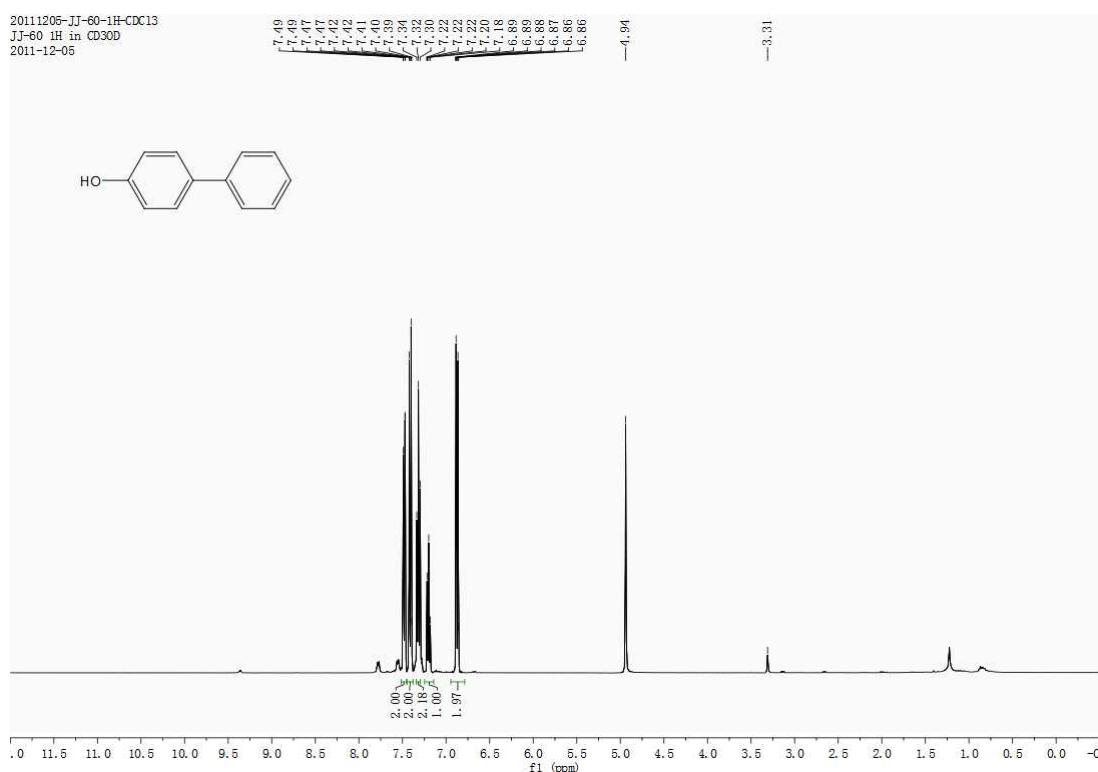
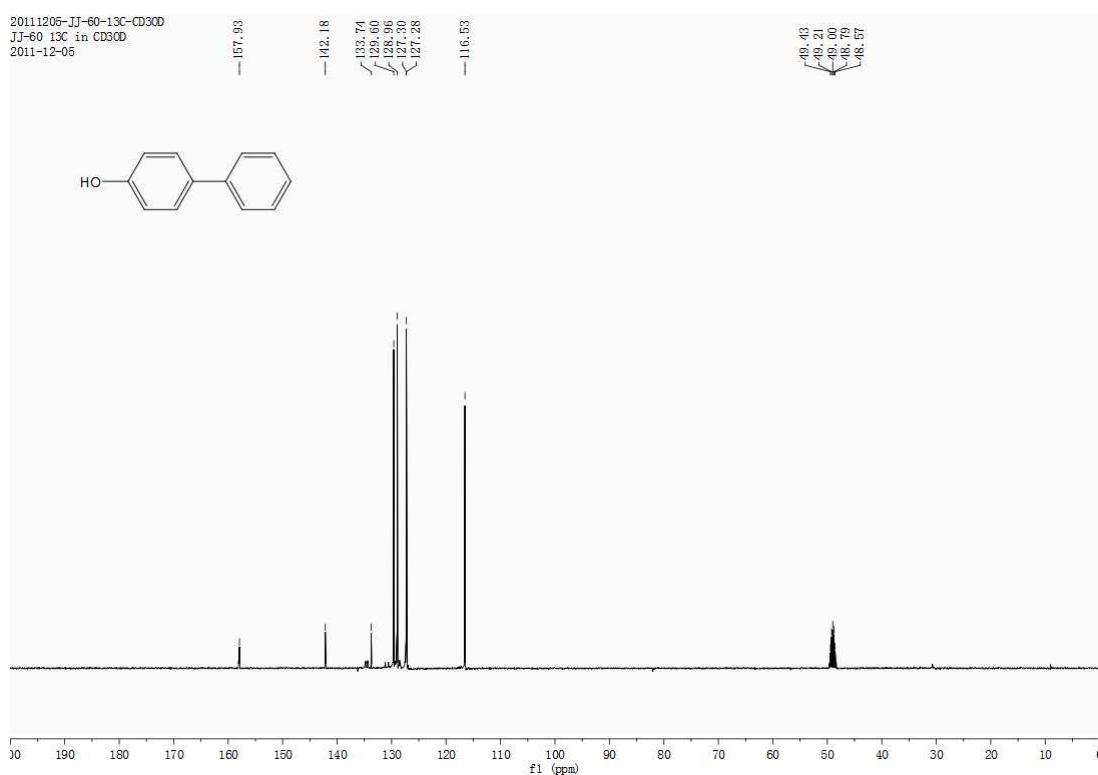
Figure S15. ^1H -NMR spectrum of **12h**.**Figure S16.** ^{13}C -NMR spectrum of **12h**.

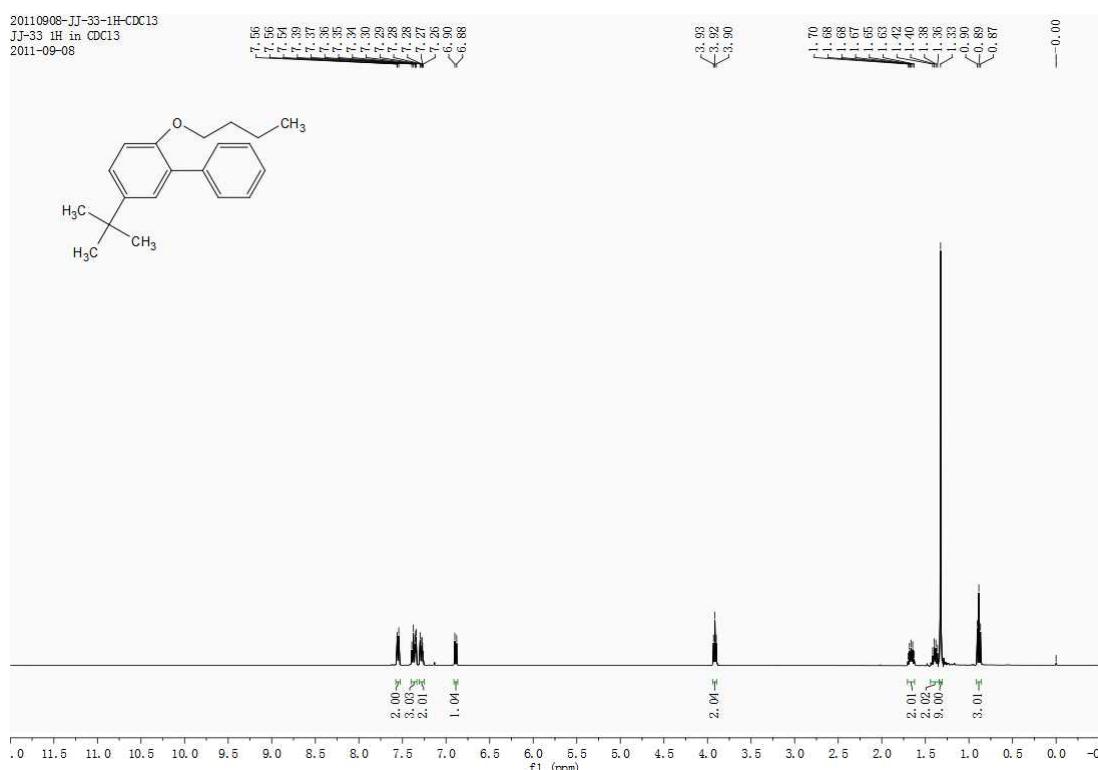
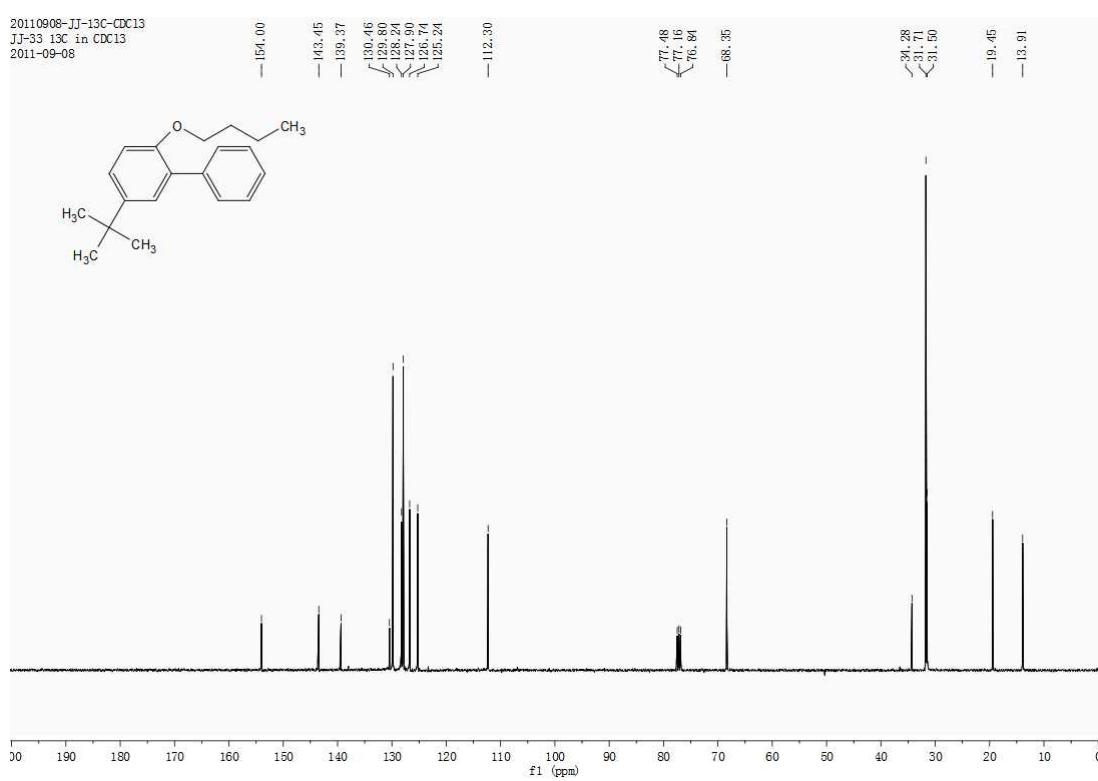
Figure S17. ^1H -NMR spectrum of **12i**.**Figure S18.** ^{13}C -NMR spectrum of **12i**.

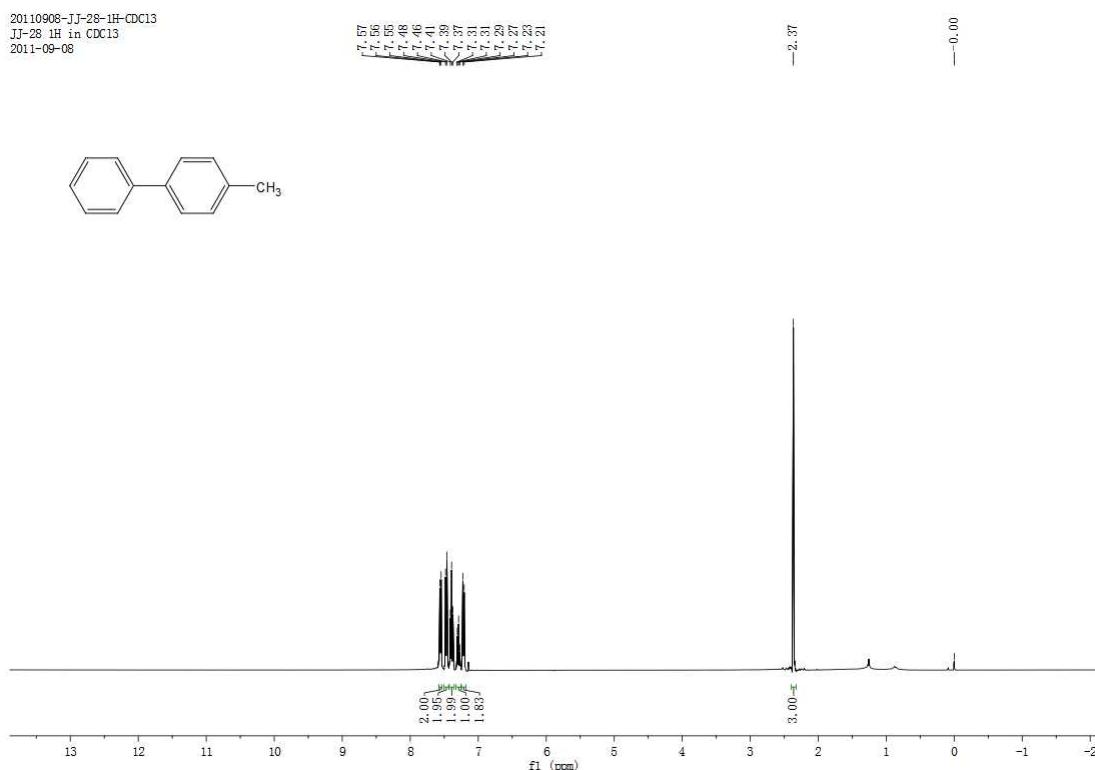
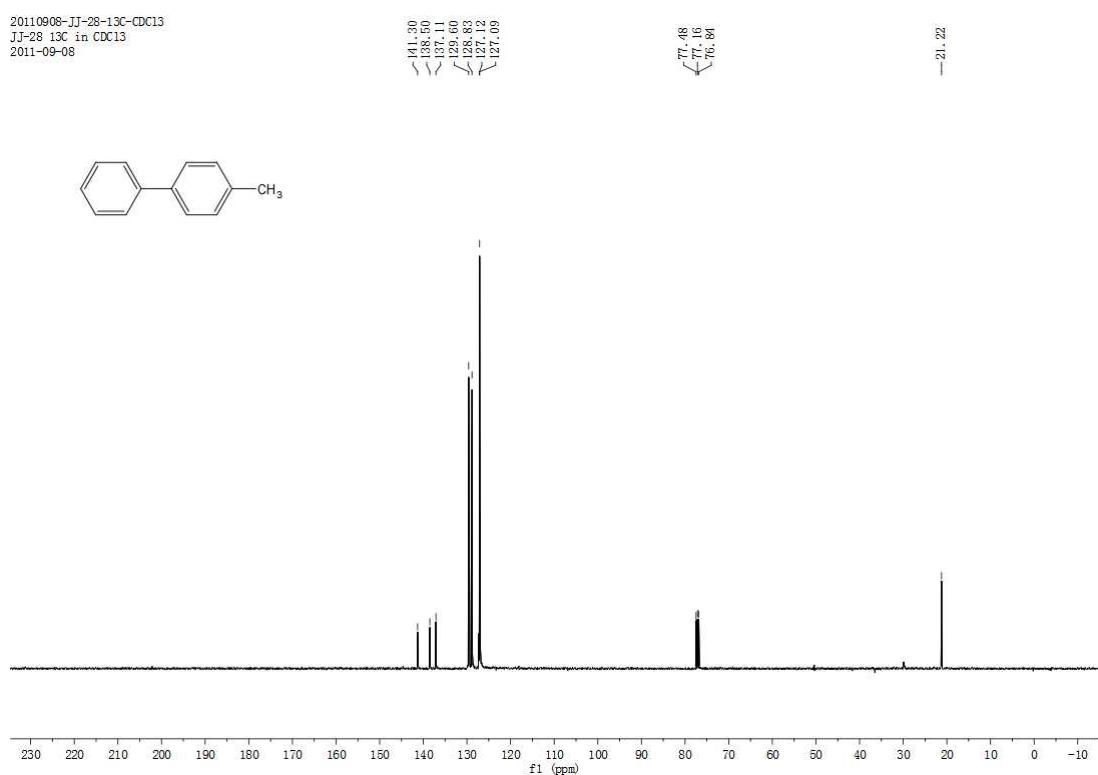
Figure S19. ^1H -NMR spectrum of **12j**.**Figure S20.** ^{13}C -NMR spectrum of **12j**.

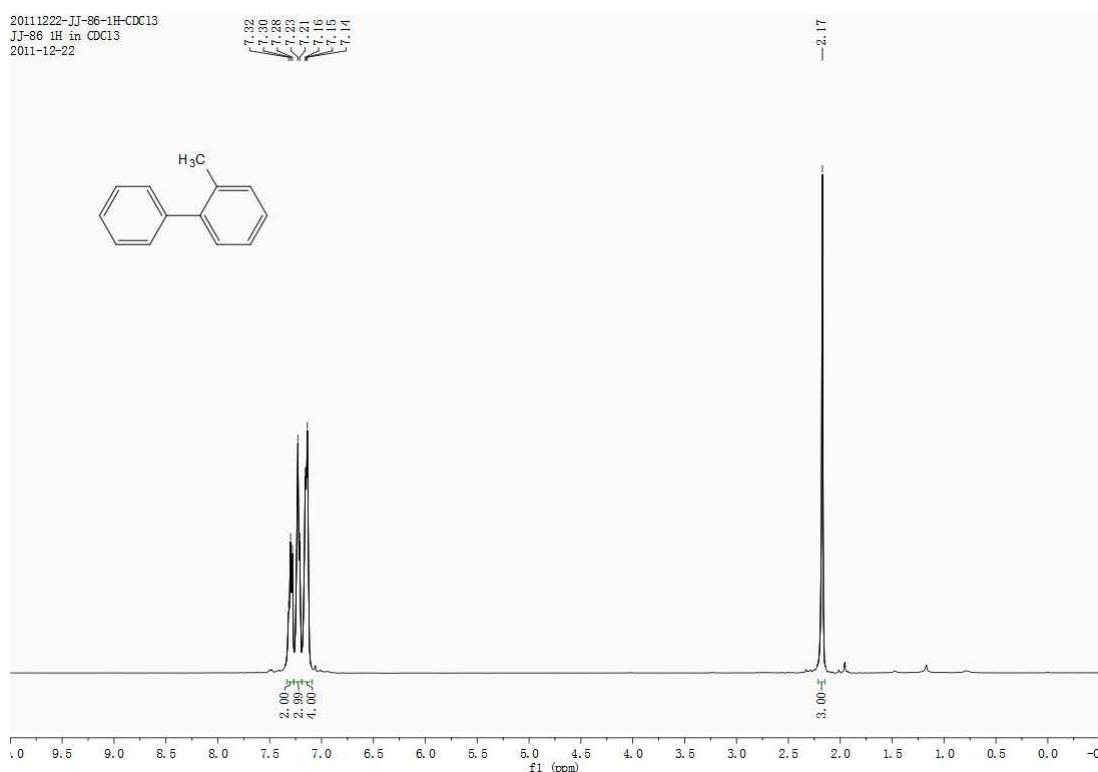
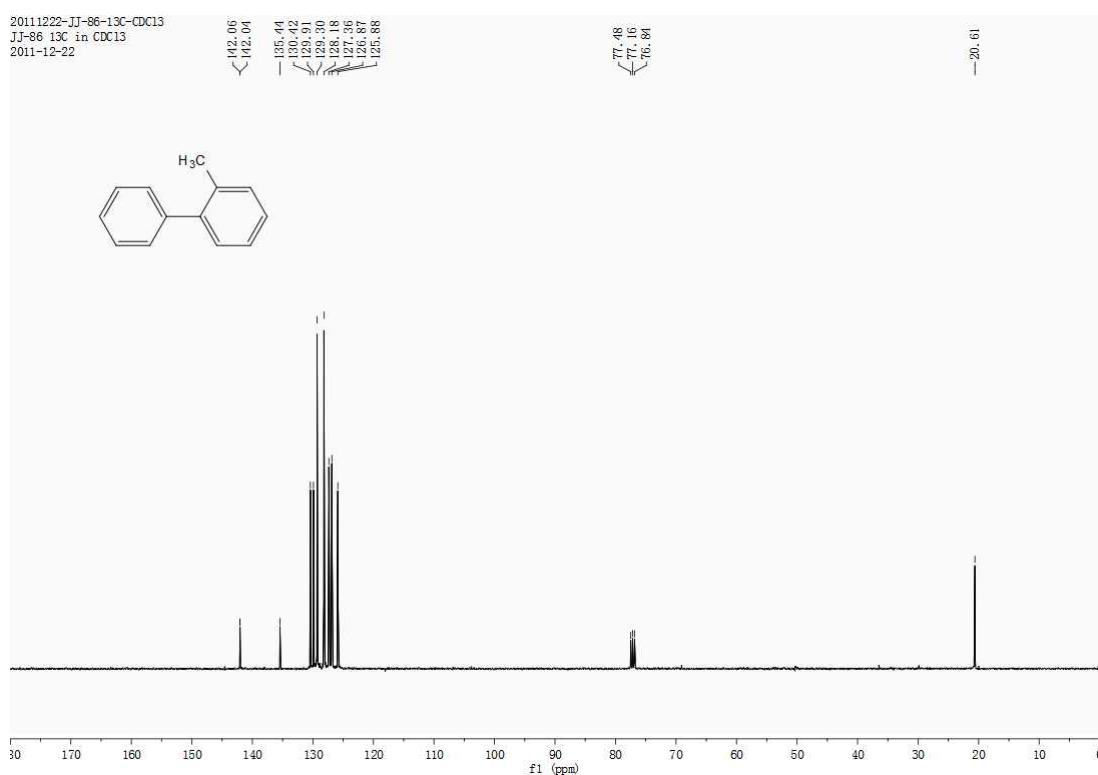
Figure S21. ^1H -NMR spectrum of **12k**.**Figure S22.** ^{13}C -NMR spectrum of **12k**.

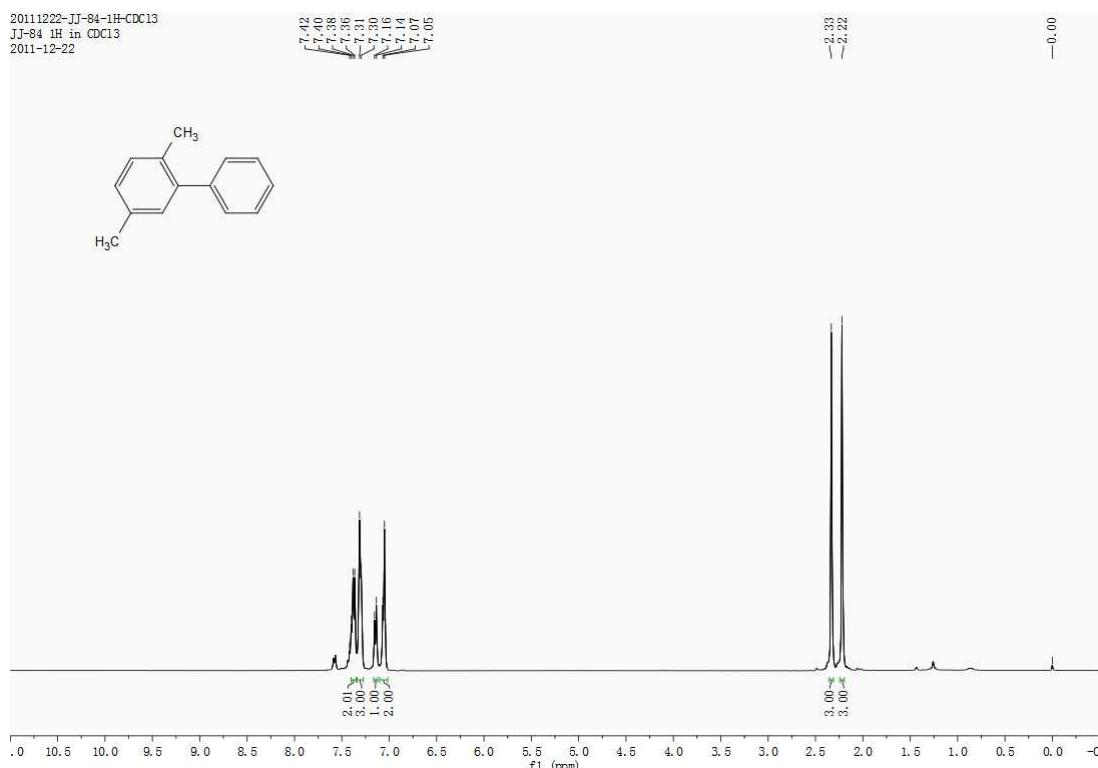
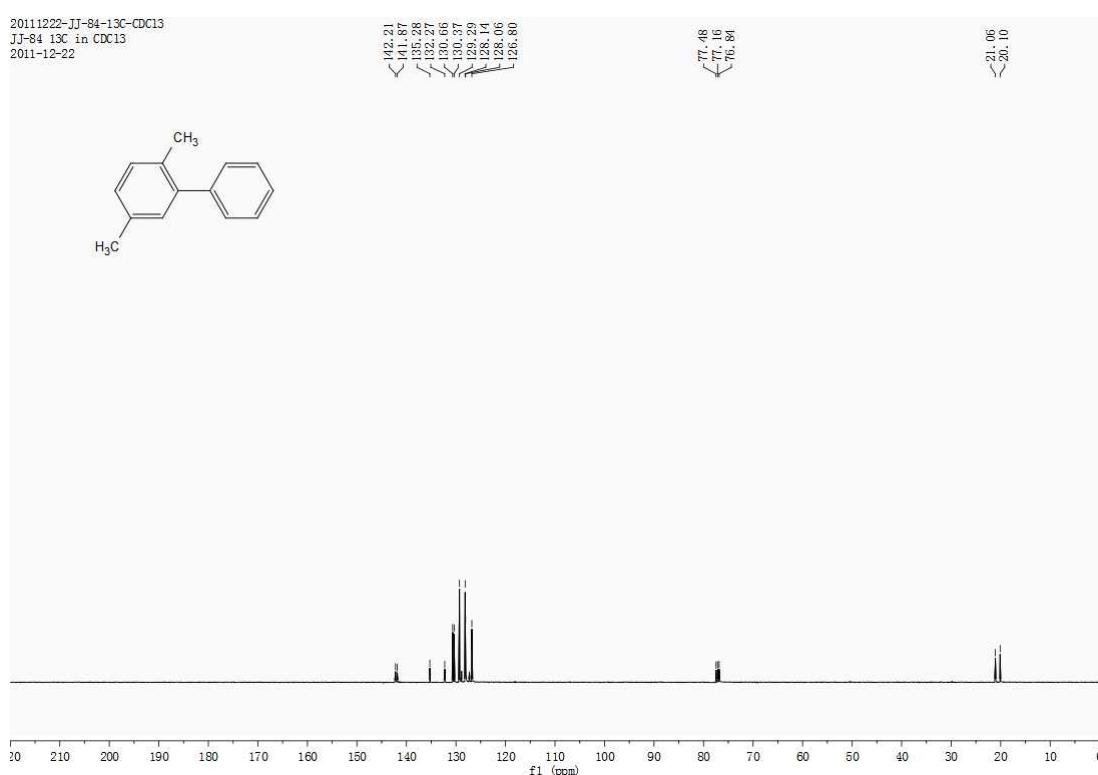
Figure S23. ^1H -NMR spectrum of **12l**.**Figure S24.** ^{13}C -NMR spectrum of **12l**.

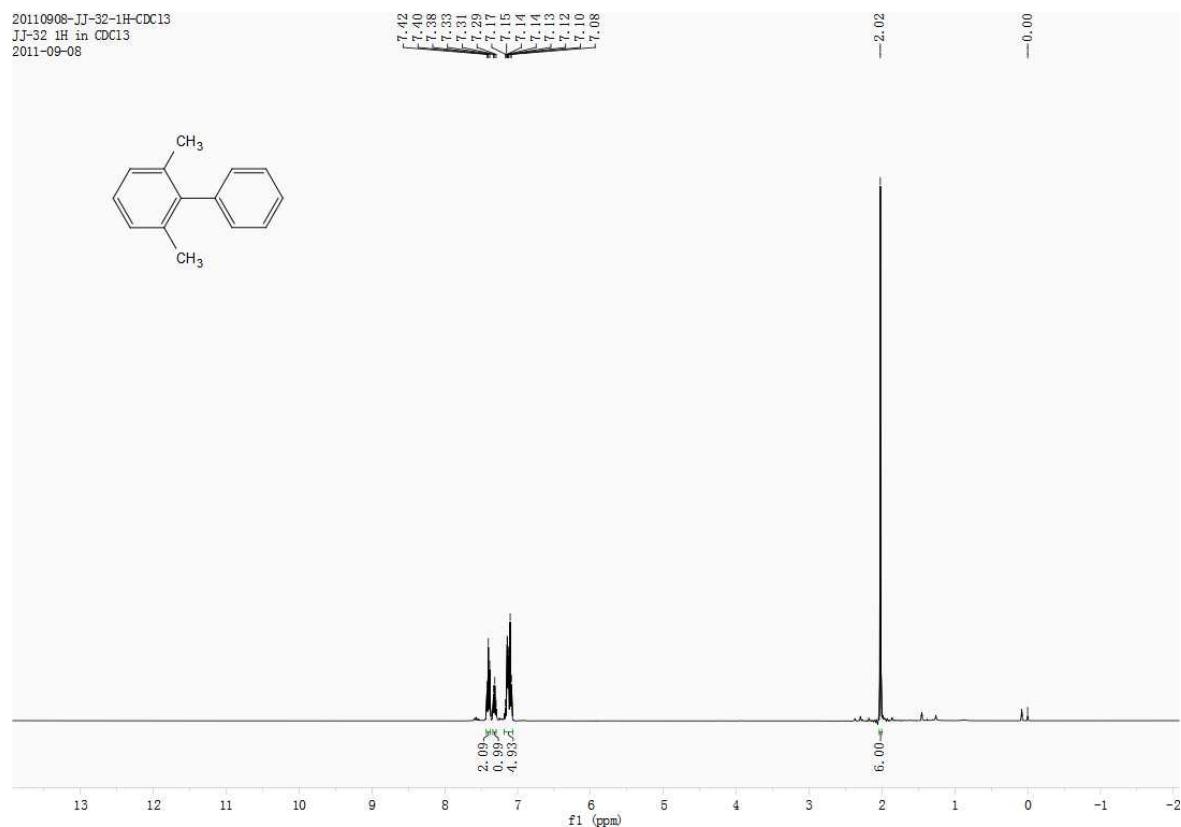
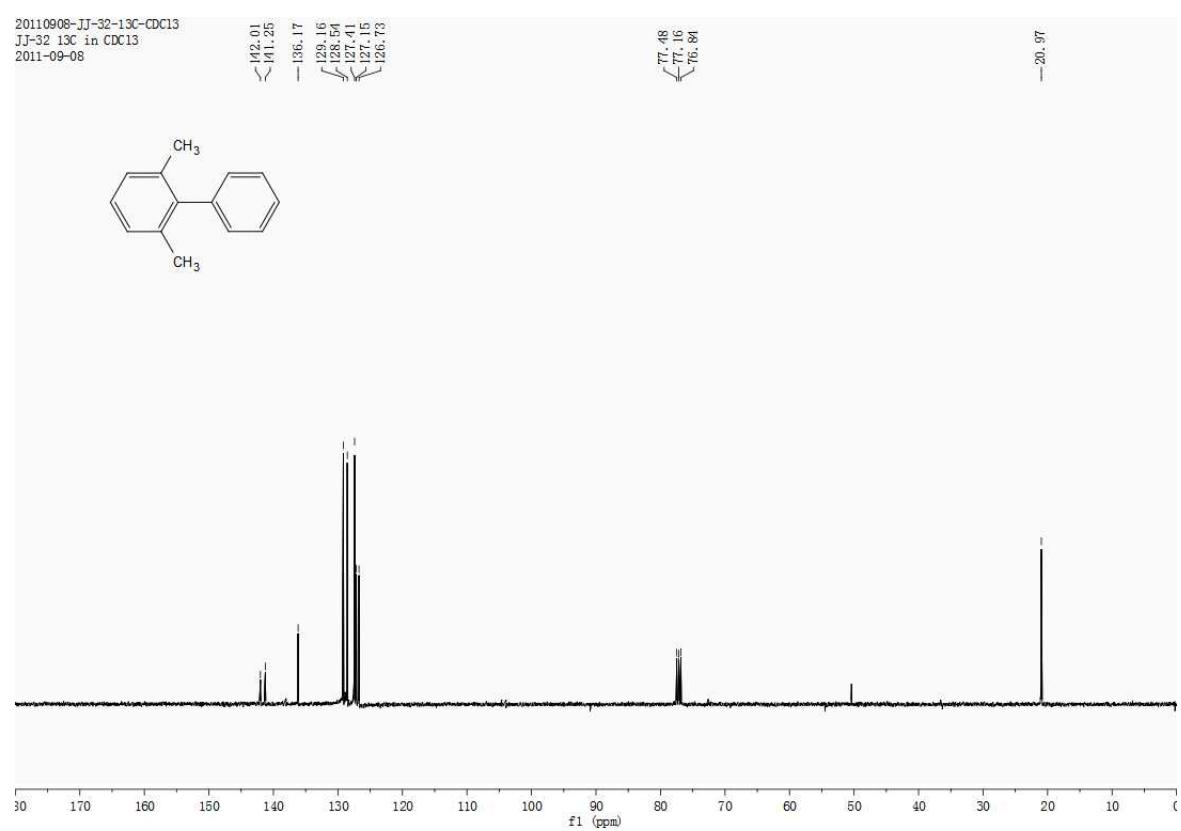
Figure S25. ^1H -NMR spectrum of **12m**.**Figure S26.** ^{13}C -NMR spectrum of **12m**.

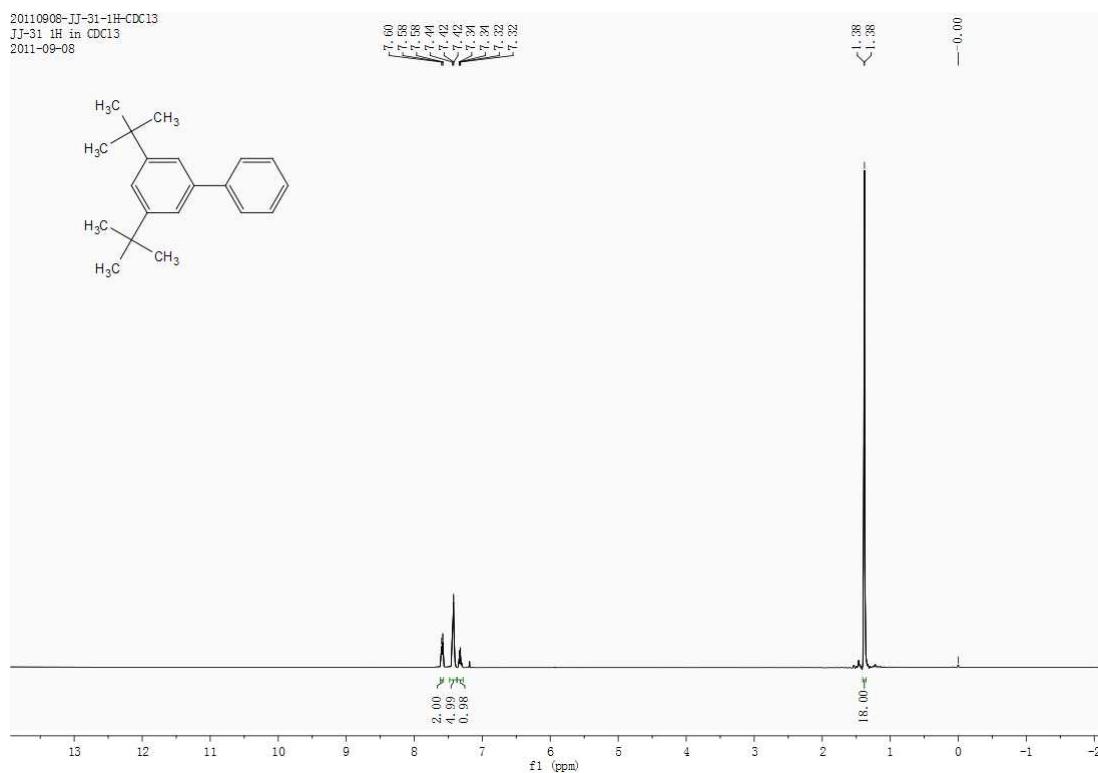
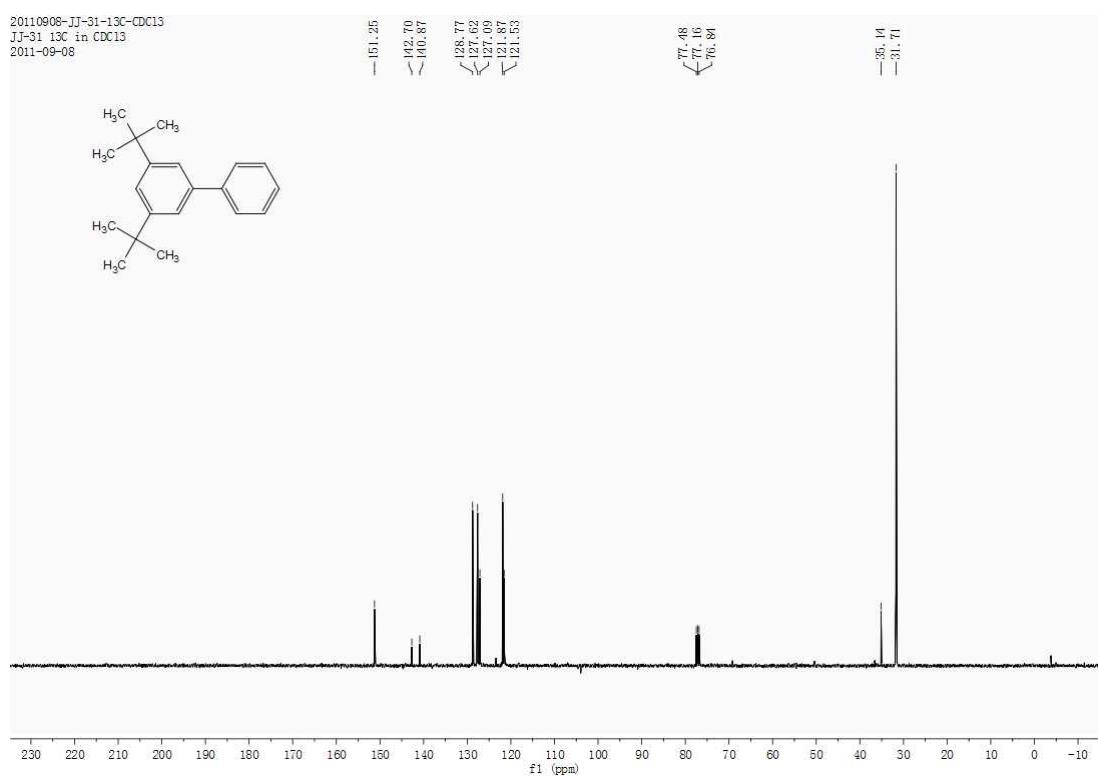
Figure S27. ^1H -NMR spectrum of **12n**.**Figure S28.** ^{13}C -NMR spectrum of **12n**.

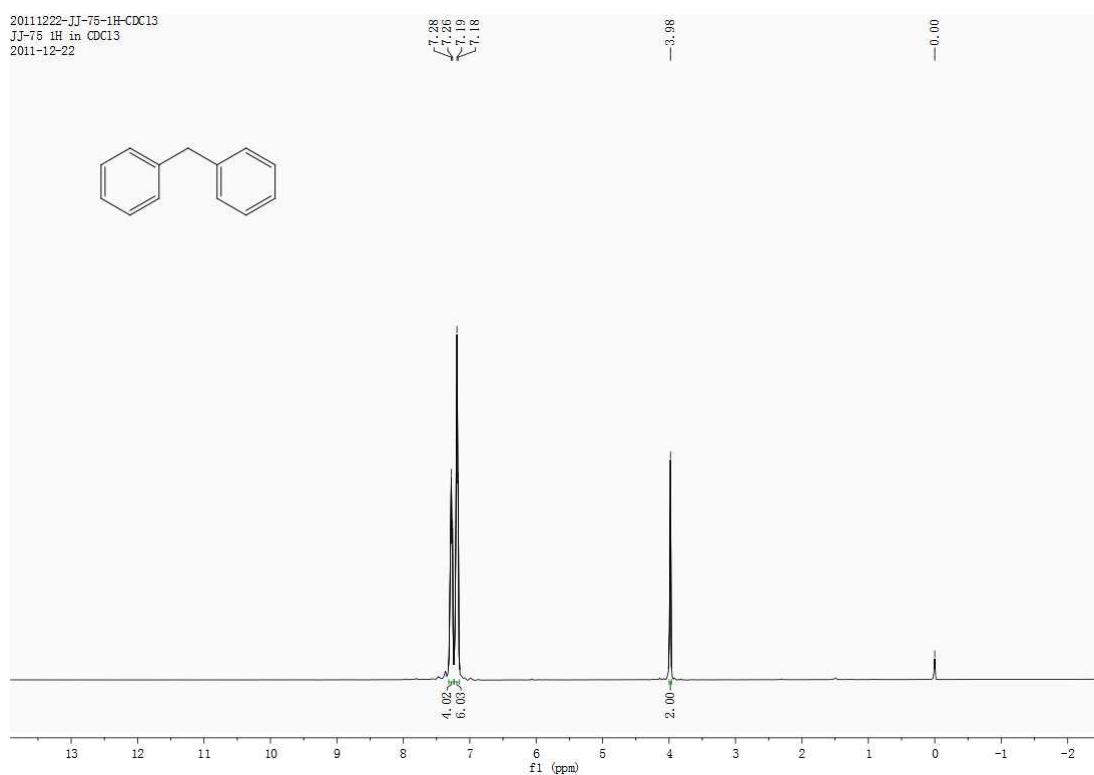
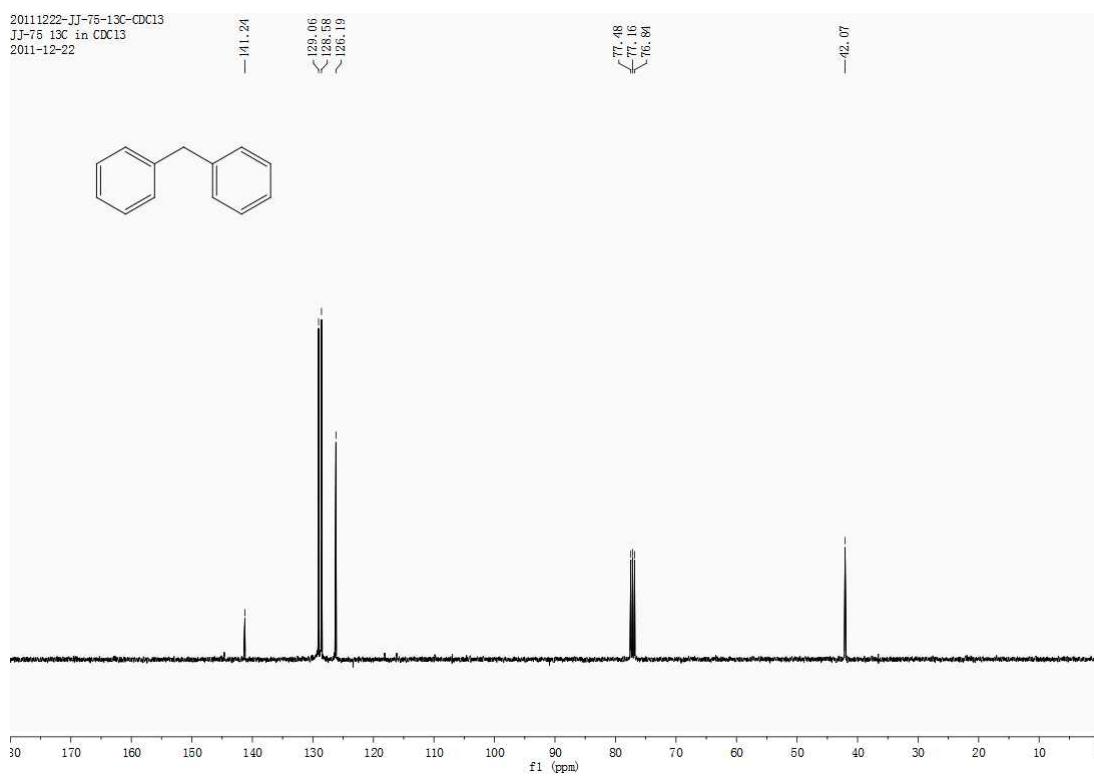
Figure S29. ^1H -NMR spectrum of **12o**.**Figure S30.** ^{13}C -NMR spectrum of **12o**.

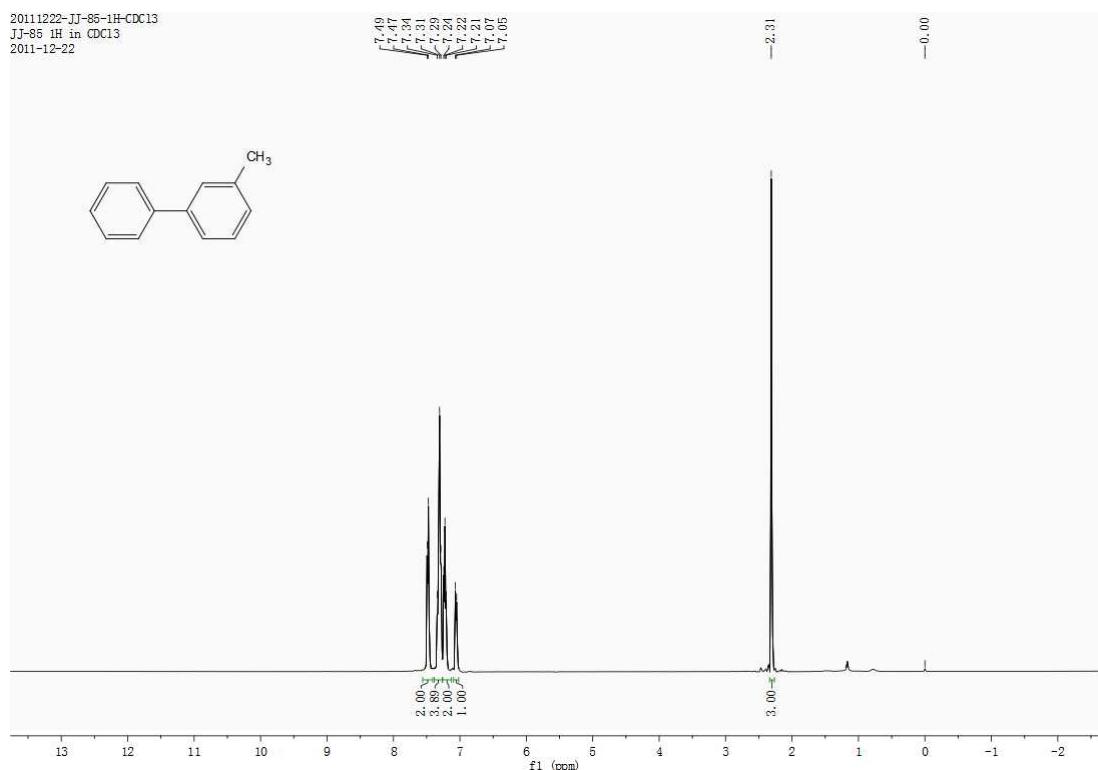
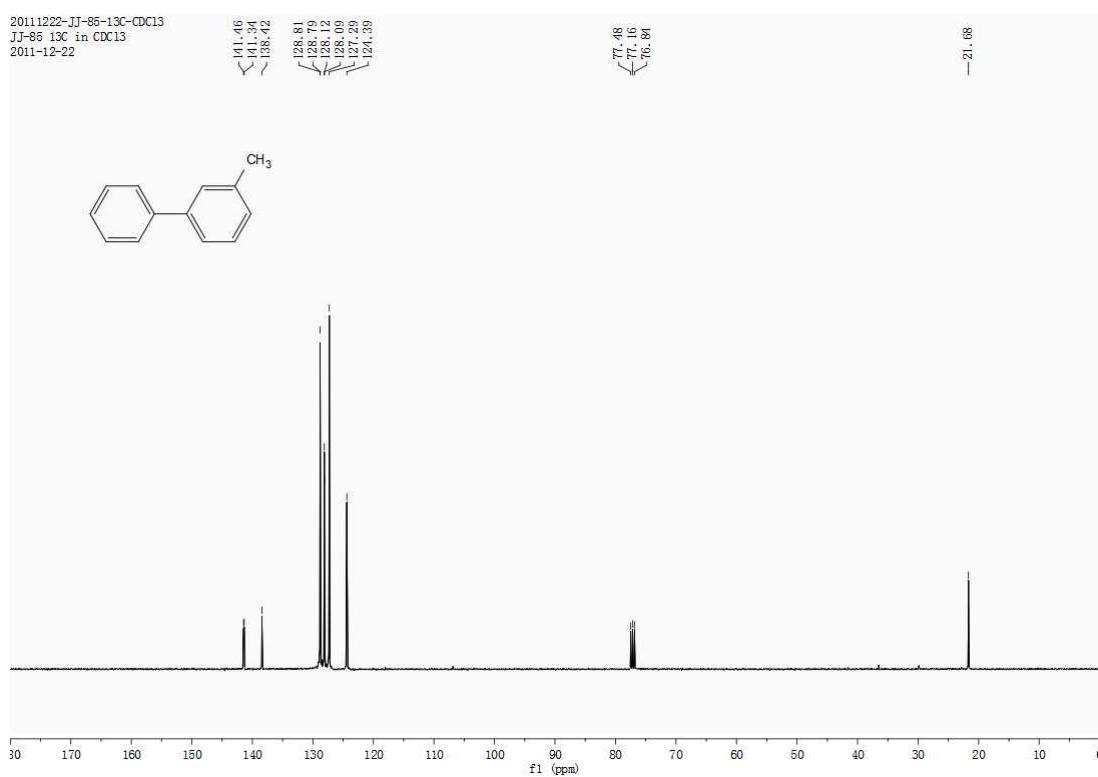
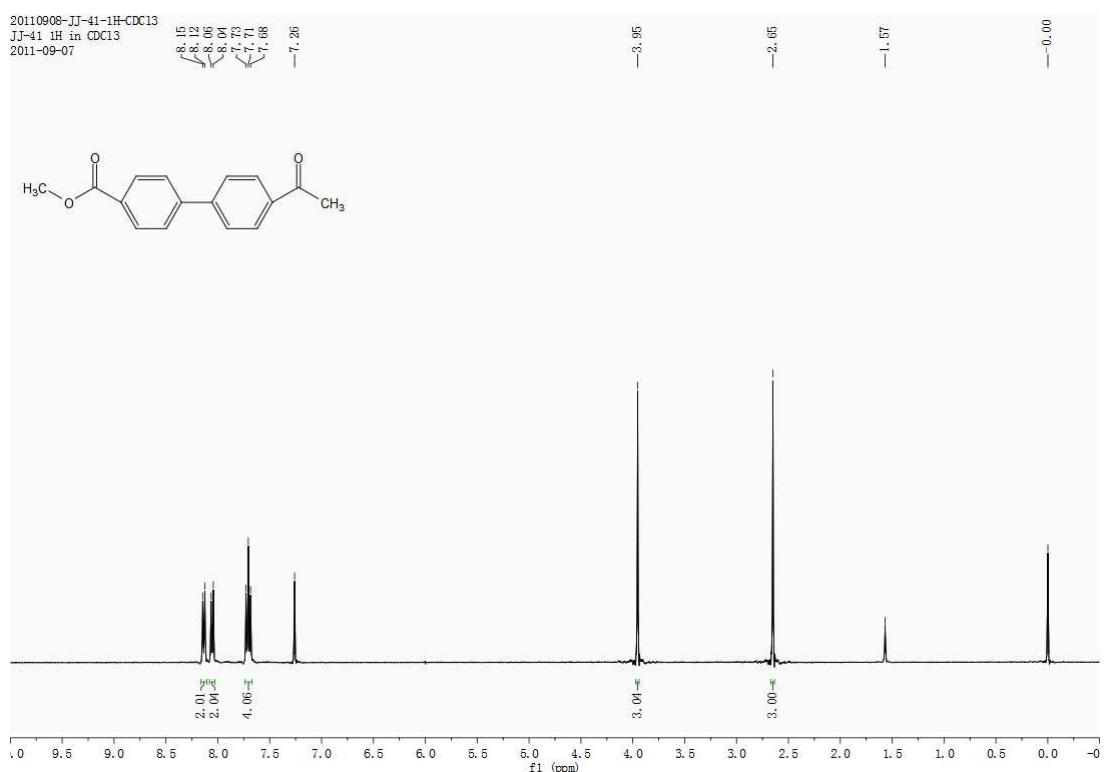
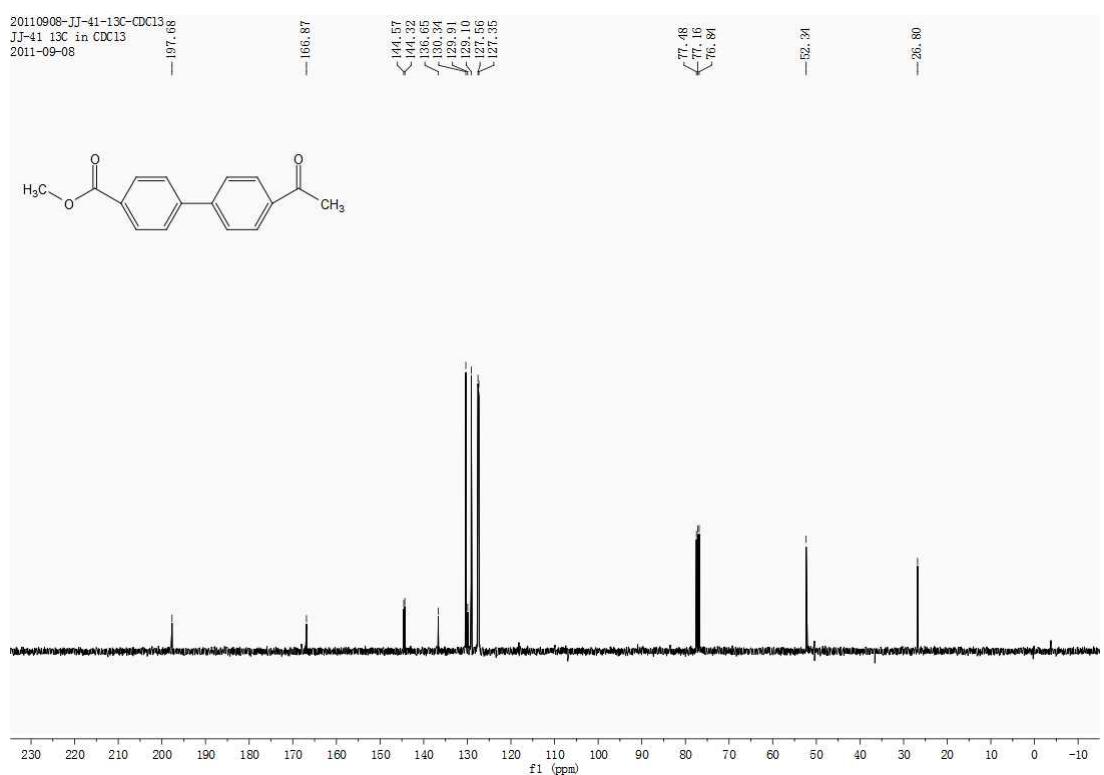
Figure S31. ^1H -NMR spectrum of **12p**.**Figure S32.** ^{13}C -NMR spectrum of **12p**.

Figure S33. ^1H -NMR spectrum of **12q**.**Figure S34.** ^{13}C -NMR spectrum of **12q**.

2. ^1H -NMR and ^{13}C -NMR spectra of 8f–11f and the imidazolium salts 7a–f

Figure S35. ^1H -NMR spectrum of **8f**.

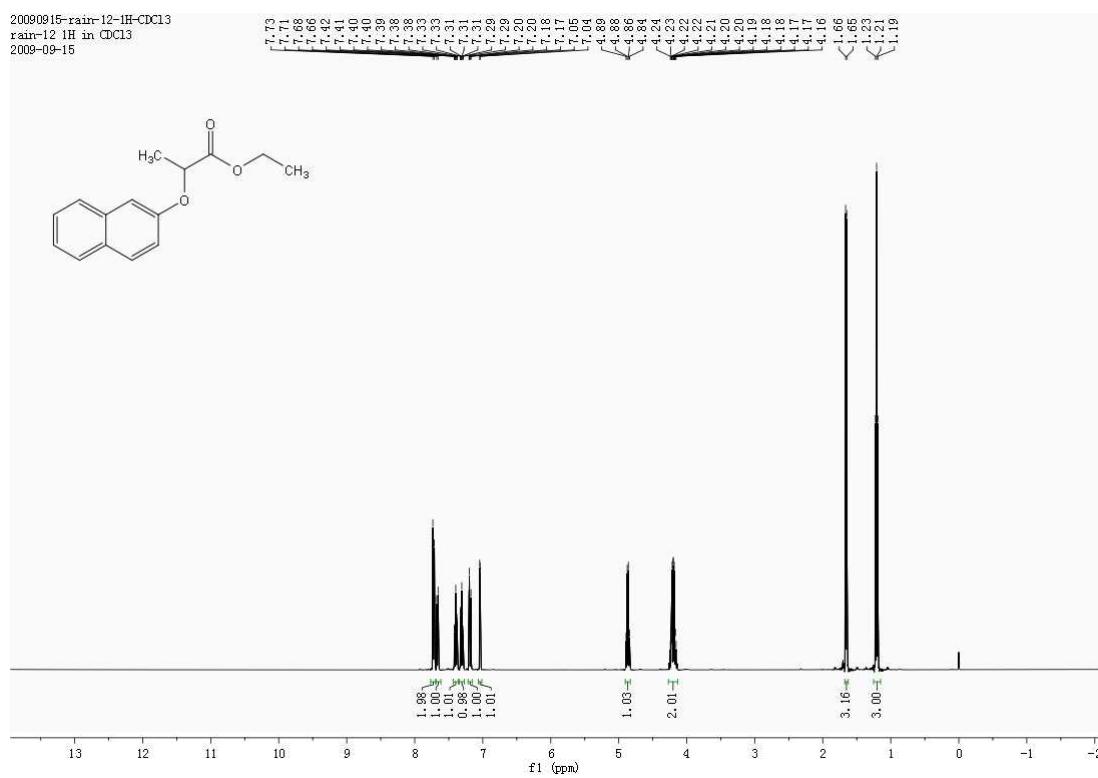


Figure S36. ^{13}C -NMR spectrum of **8f**.

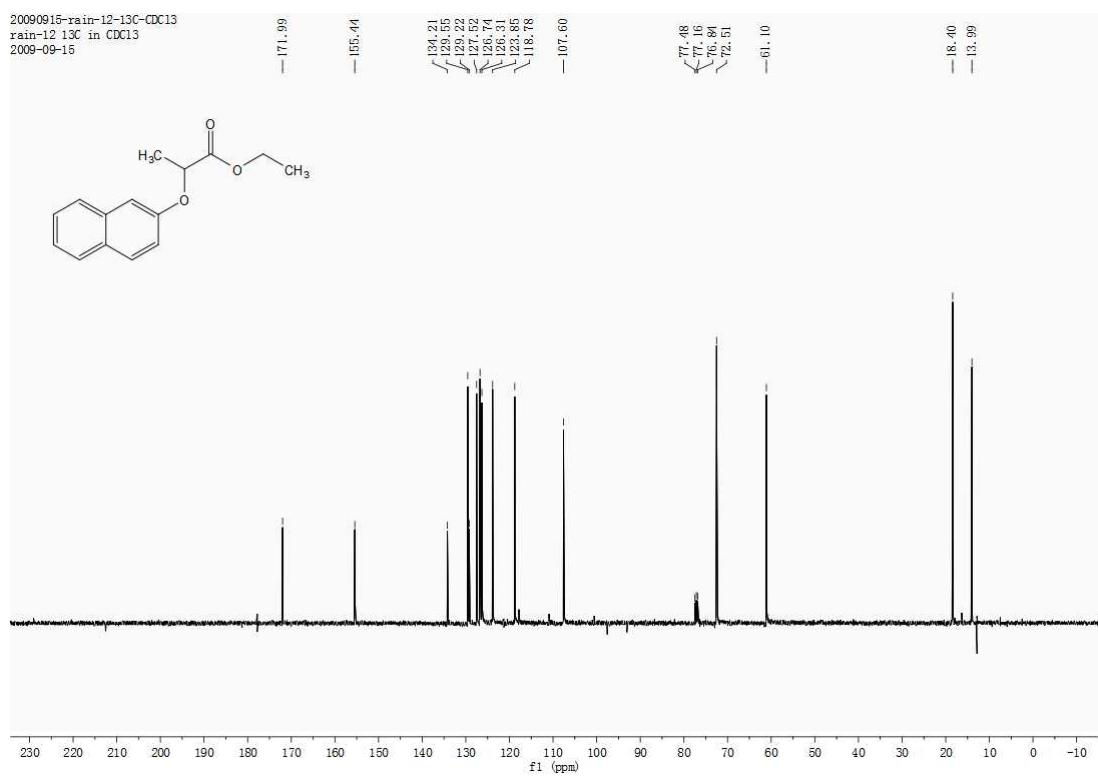


Figure S37. ^1H -NMR spectrum of **9f**.

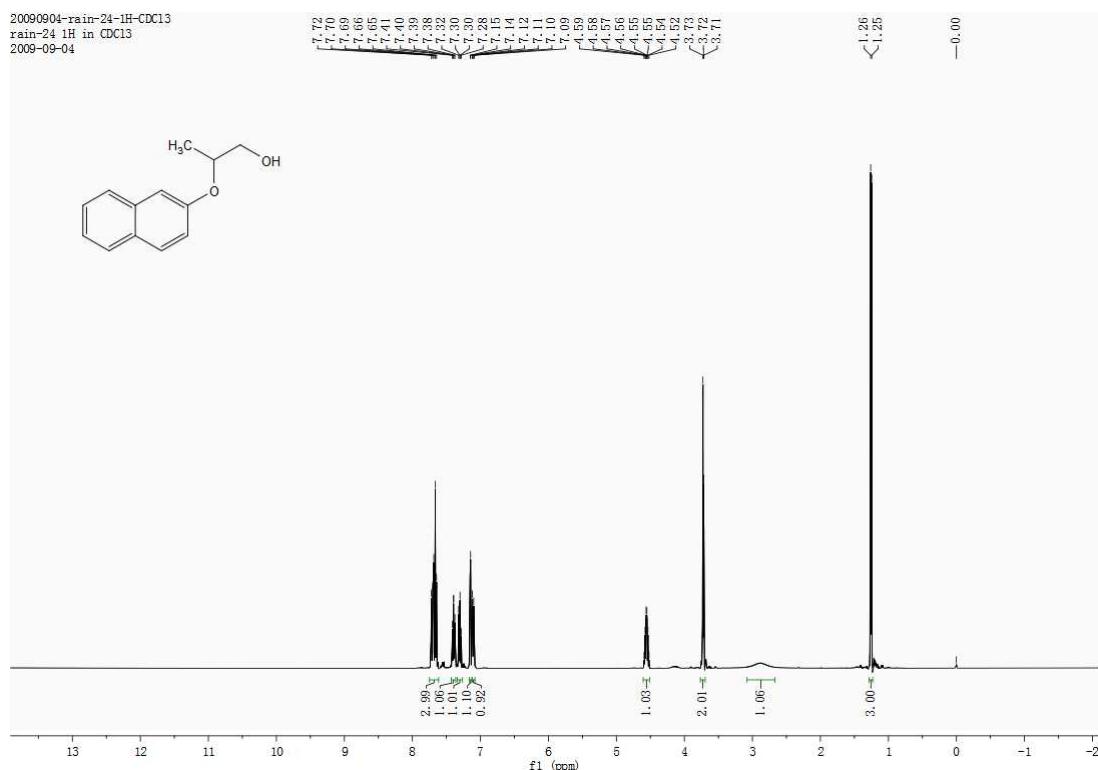


Figure S38. ^{13}C -NMR spectrum of **9f**.

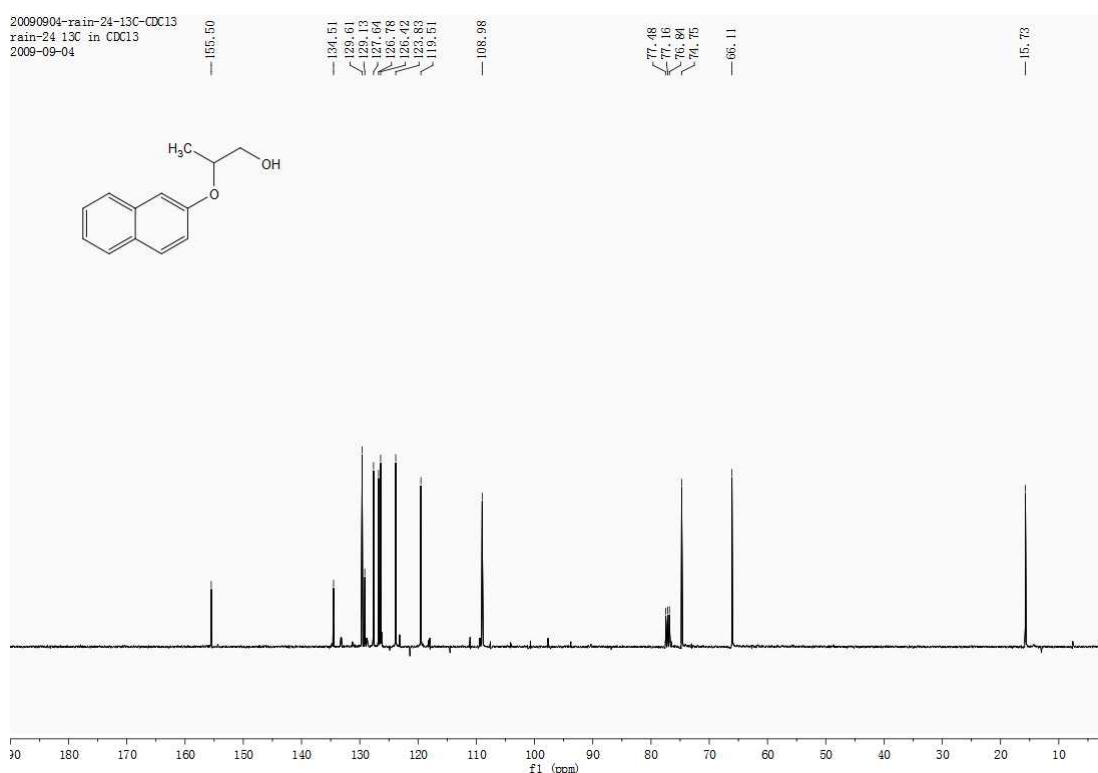


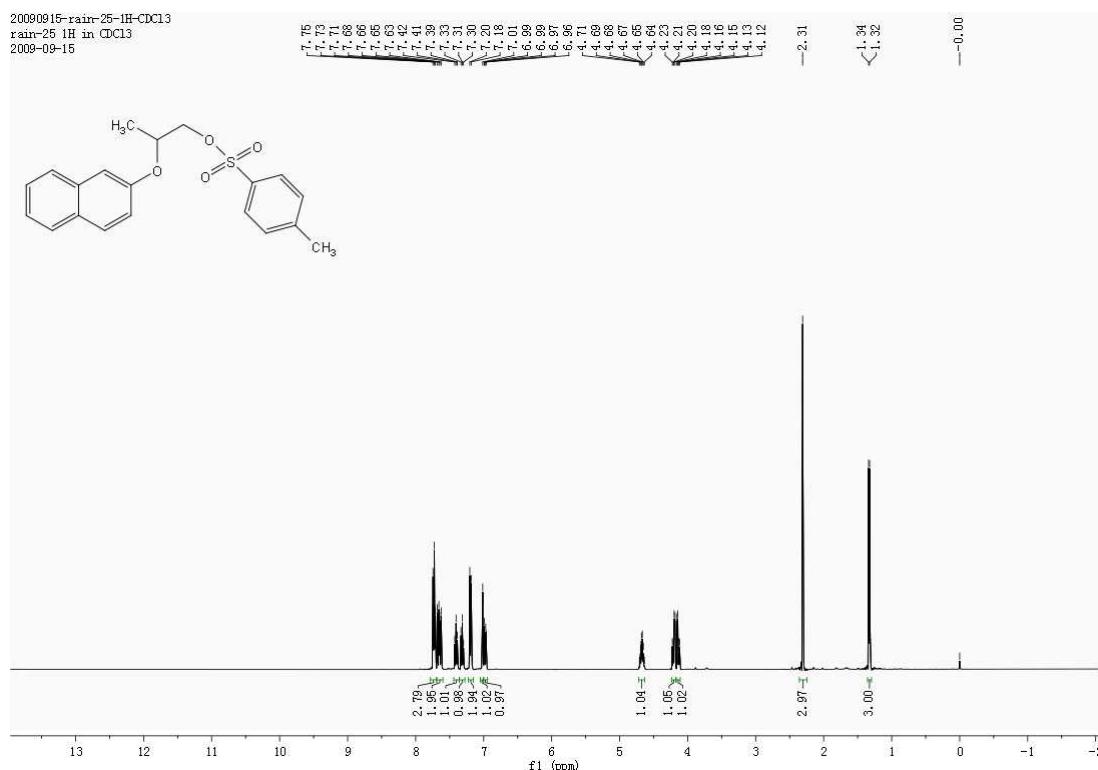
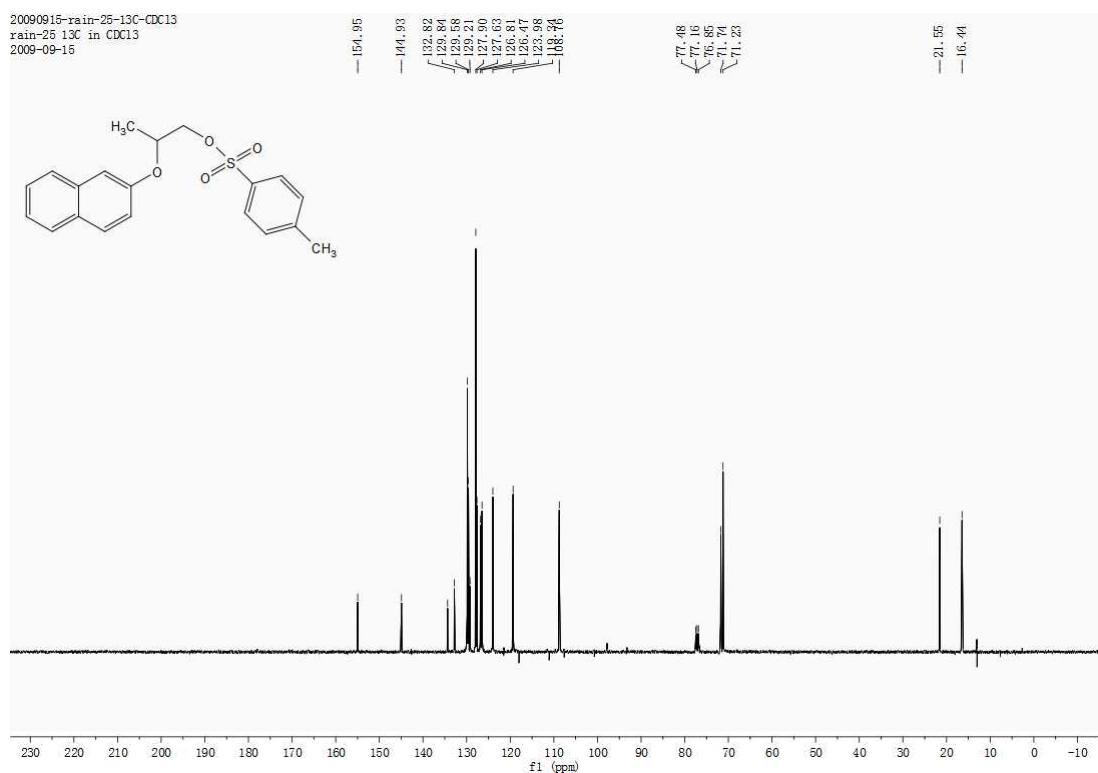
Figure S39. ^1H -NMR spectrum of **10f**.**Figure S40.** ^{13}C -NMR spectrum of **10f**.

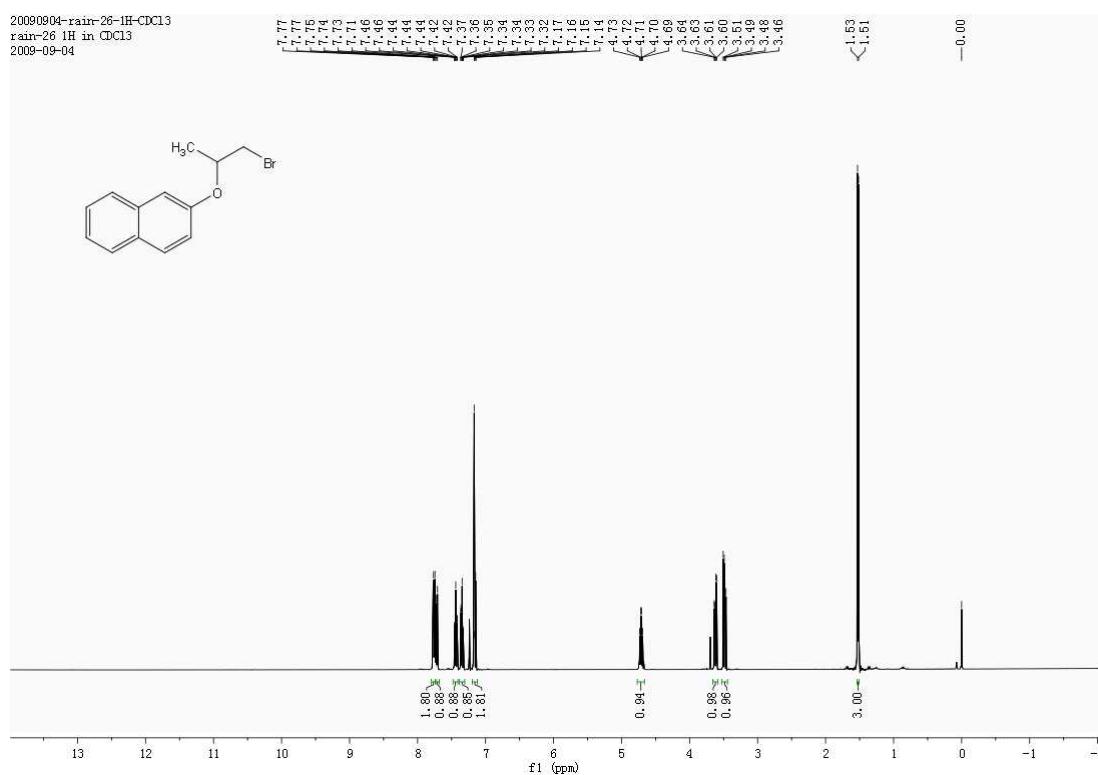
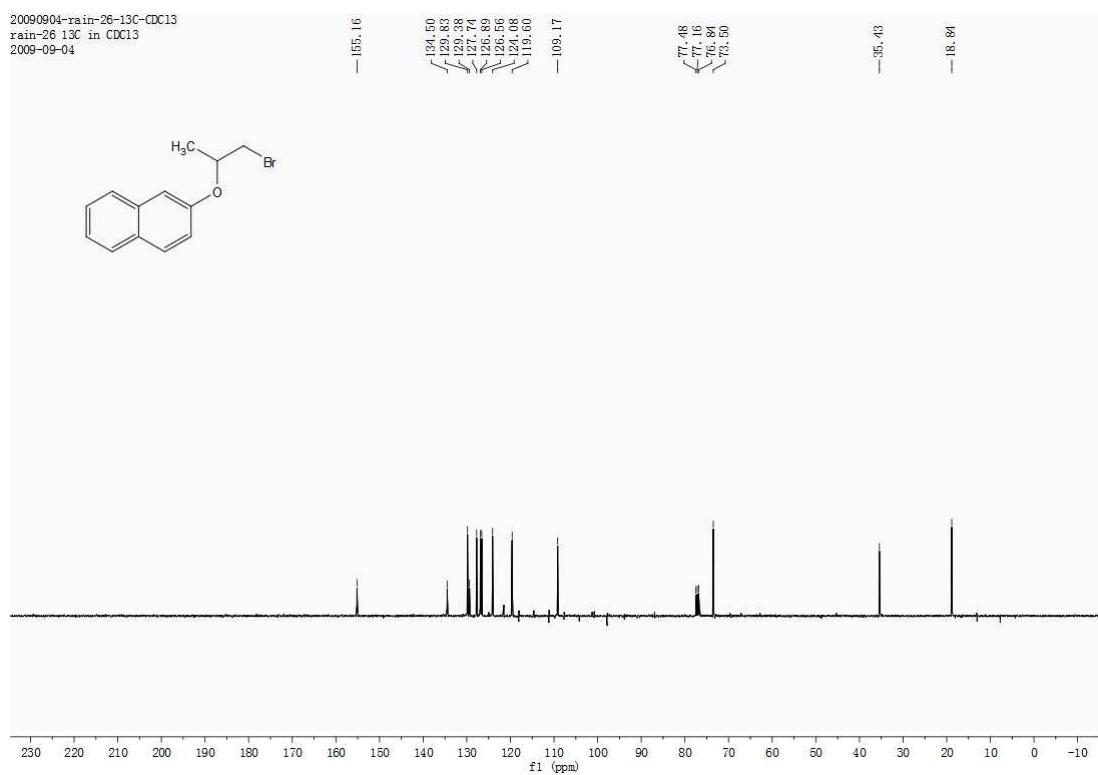
Figure S41. ^1H -NMR spectrum of **11f**.**Figure S42.** ^{13}C -NMR spectrum of **11f**.

Figure S43. ^1H -NMR spectrum of 7a.

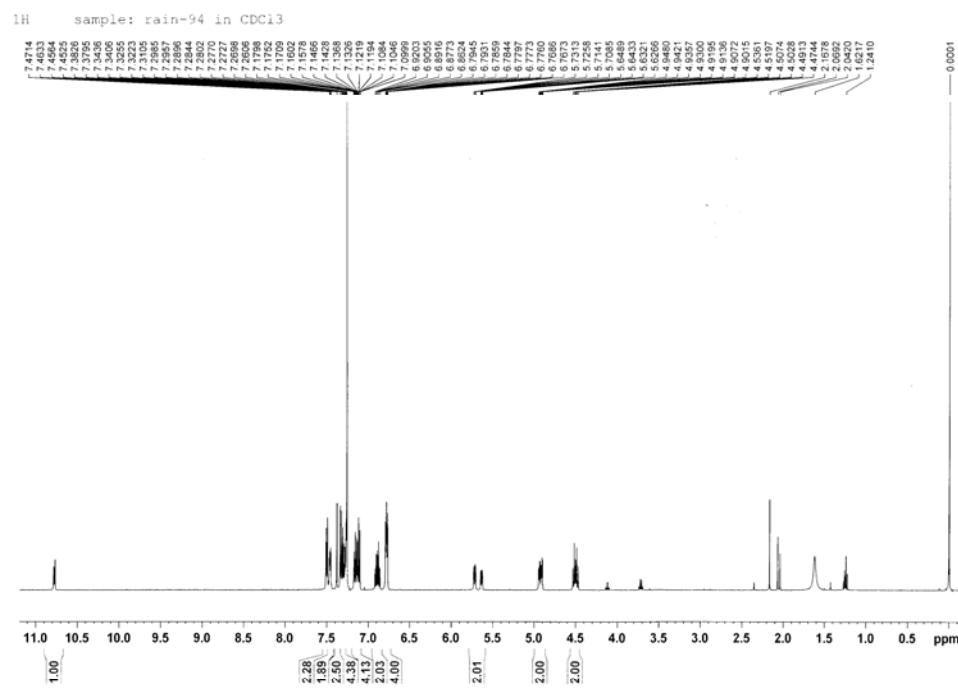


Figure S44. ^{13}C -NMR spectrum of **7a**.

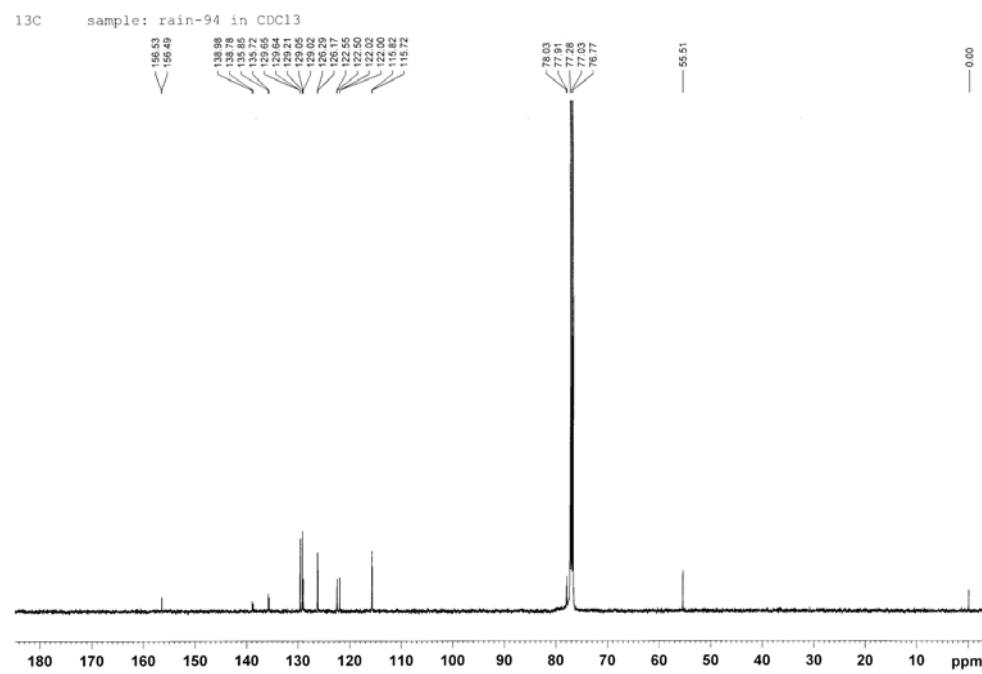


Figure S45. ^1H -NMR spectrum of **7b**.

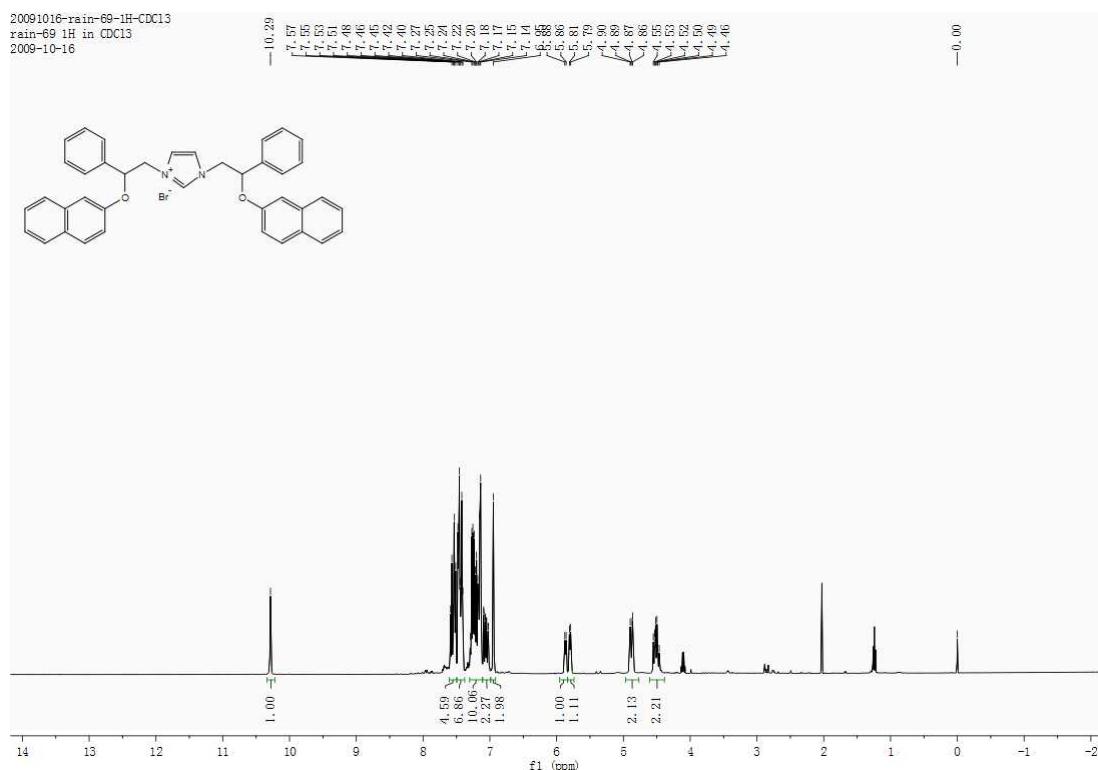


Figure S46. ^{13}C -NMR spectrum of **7b**.

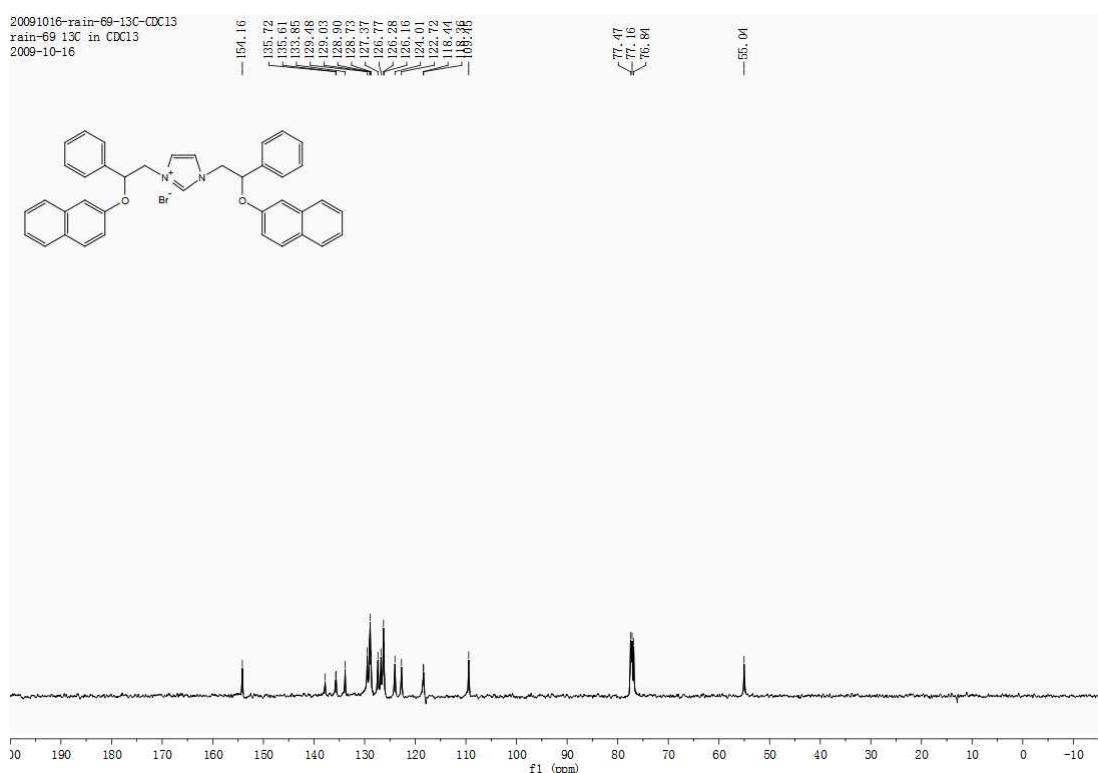


Figure S47. ^1H -NMR spectrum of **7c**.

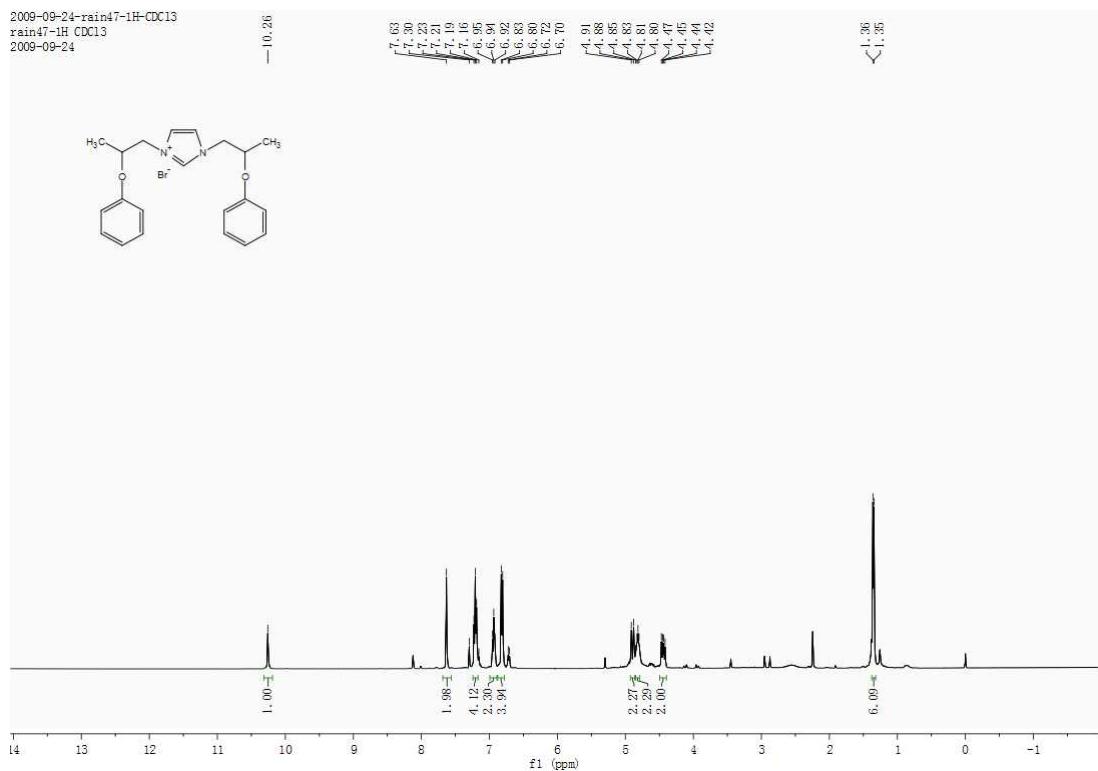


Figure S48. ^{13}C -NMR spectrum of **7c**.

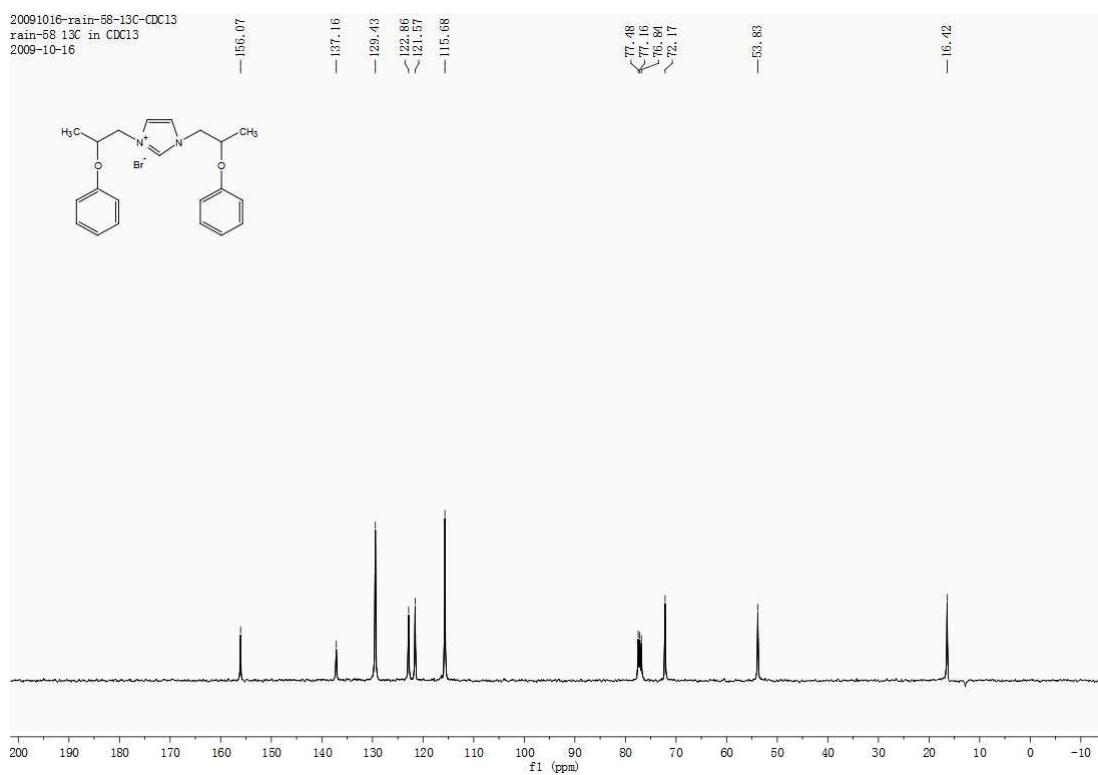


Figure S49. ^1H -NMR spectrum of **7d**.

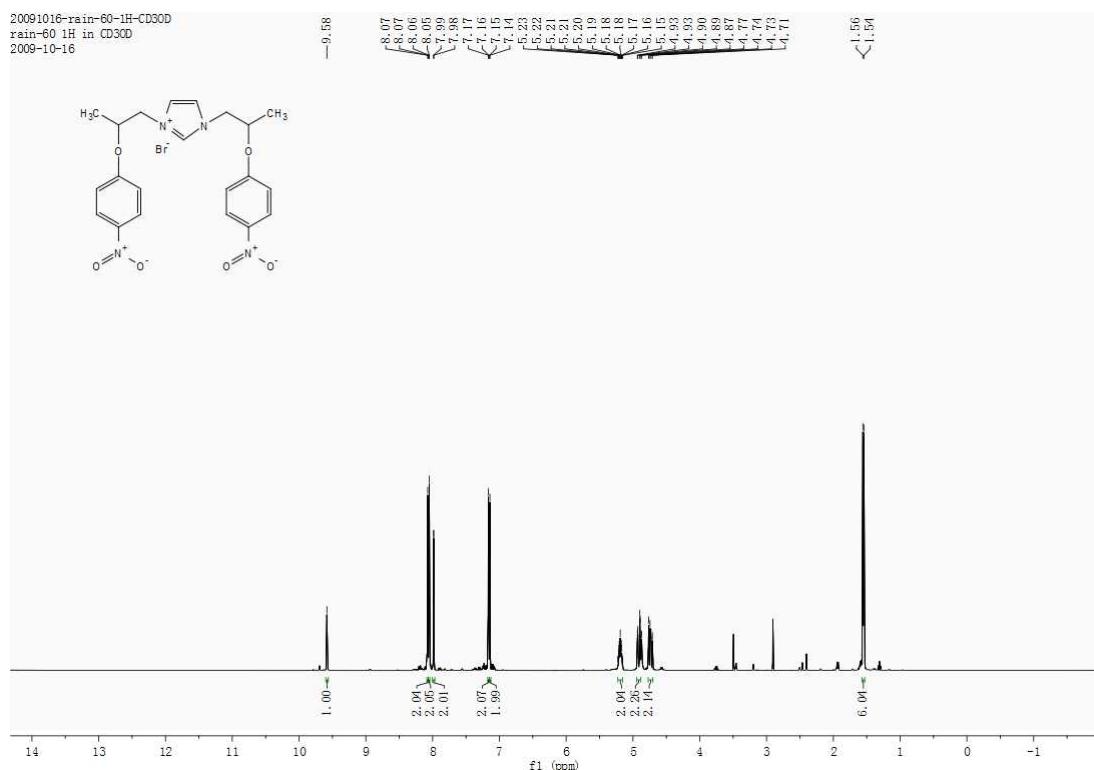


Figure S50. ^{13}C -NMR spectrum of **7d**.

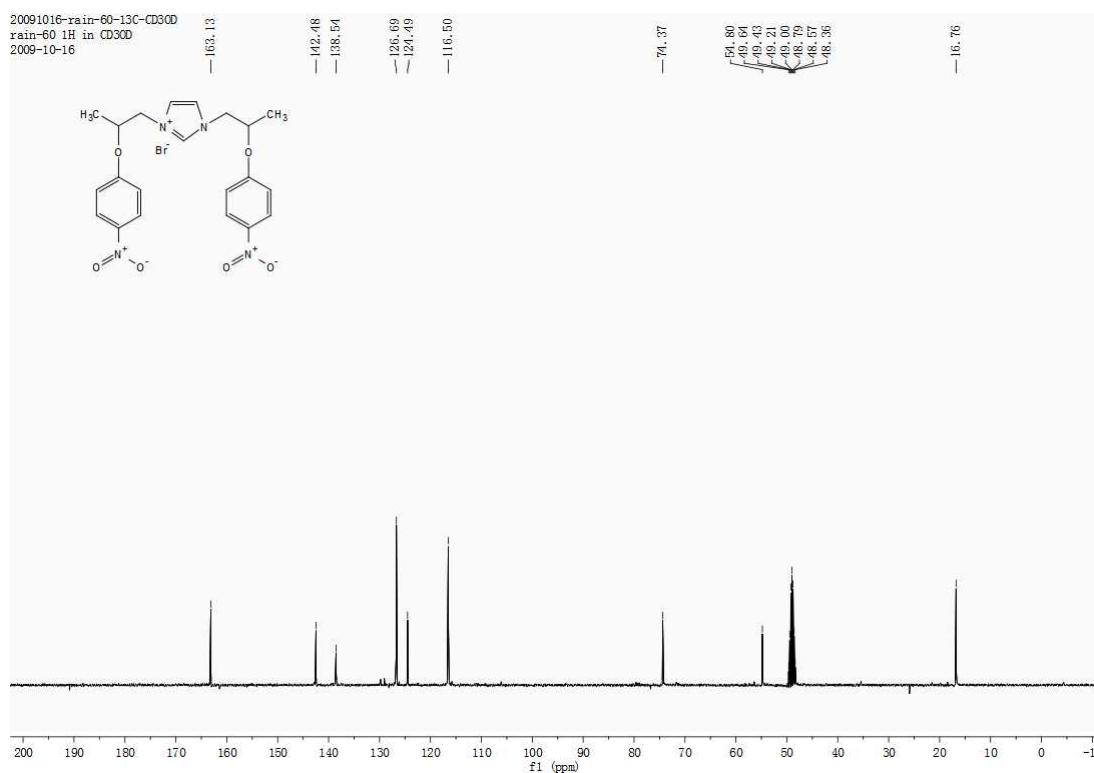


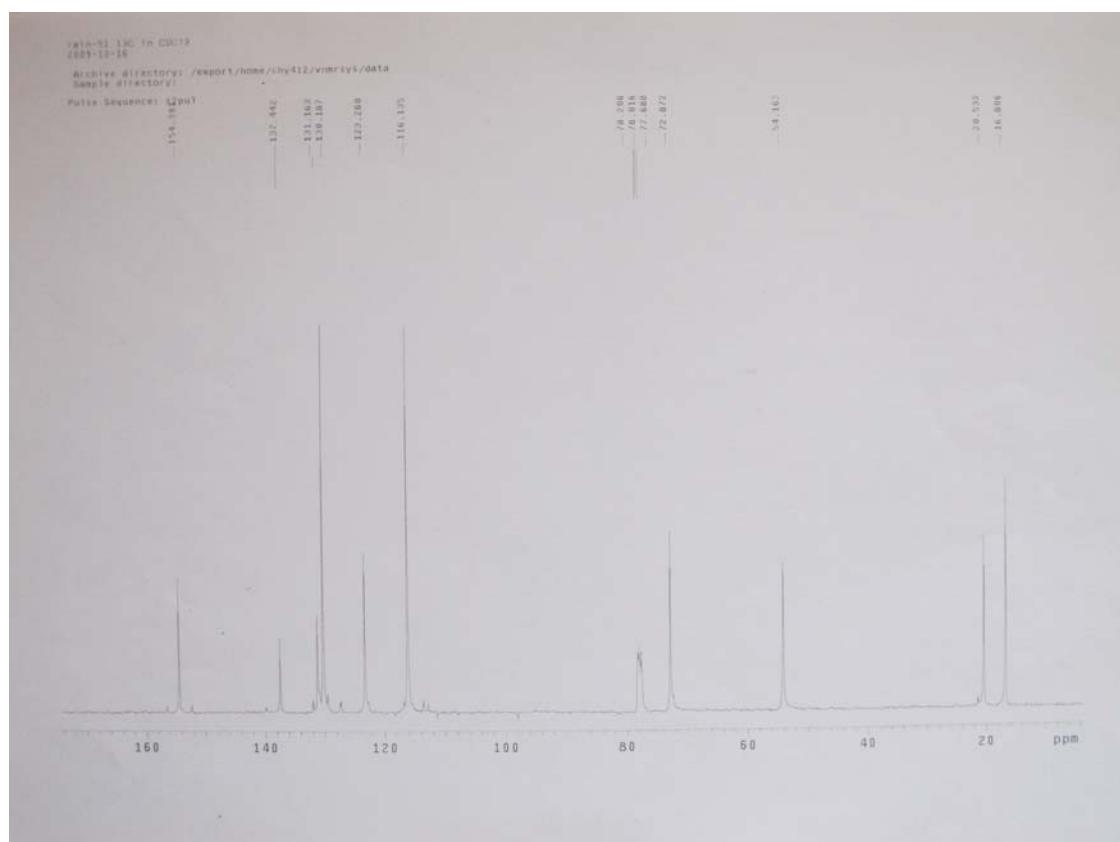
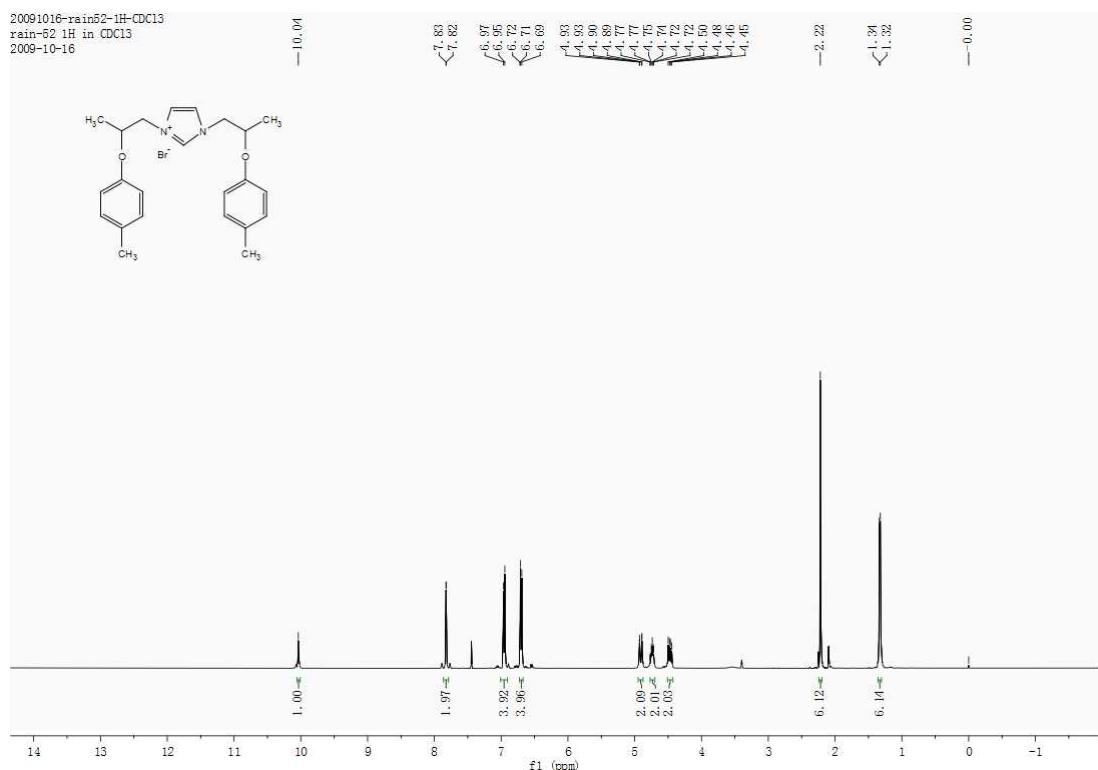
Figure S51. ^1H -NMR spectrum of 7e.

Figure S53. ^1H -NMR spectrum of **7f**.

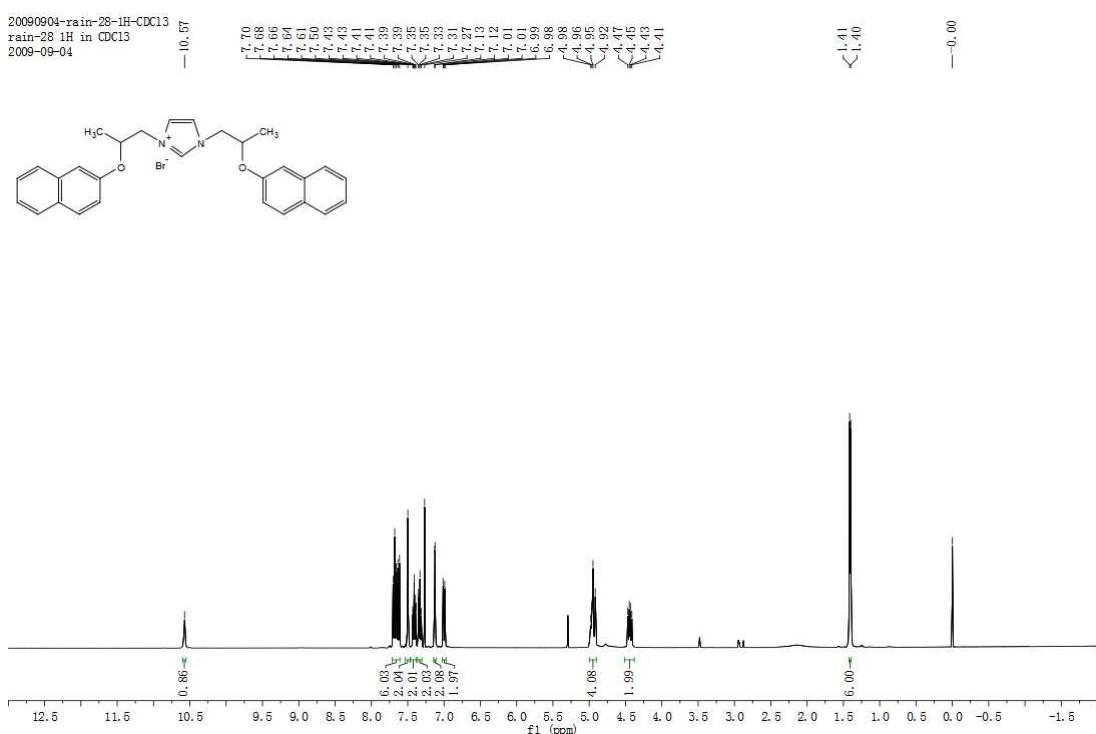


Figure S54. ^{13}C -NMR spectrum of **7f**.

