

Supplementary Materials

3,3'-((4-Nitrophenyl)methylene)bis(1H-indole) (3a)

Figure S1. HRMS of compound 3a.

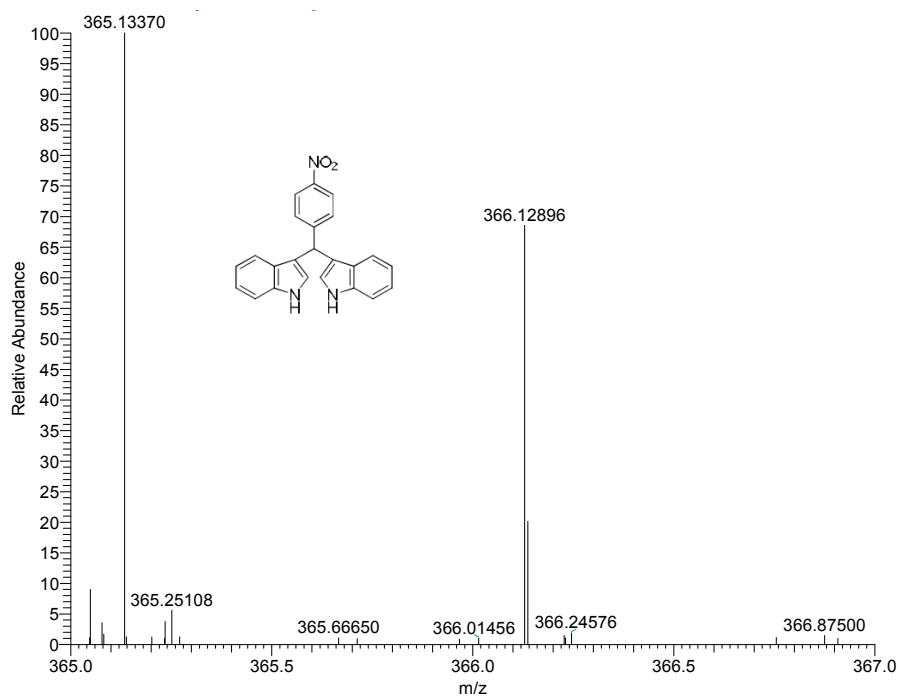


Figure S2. IR of compound 3a.

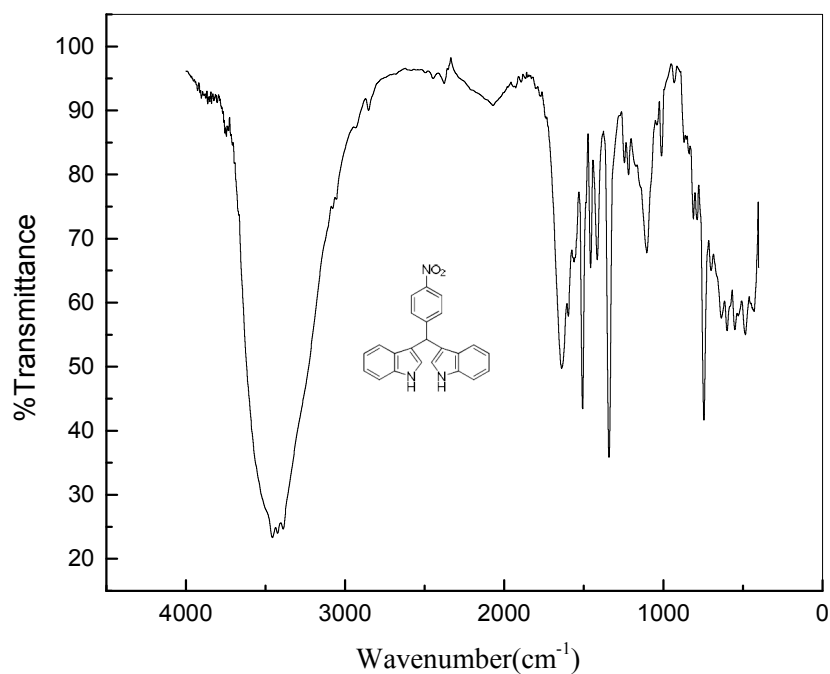
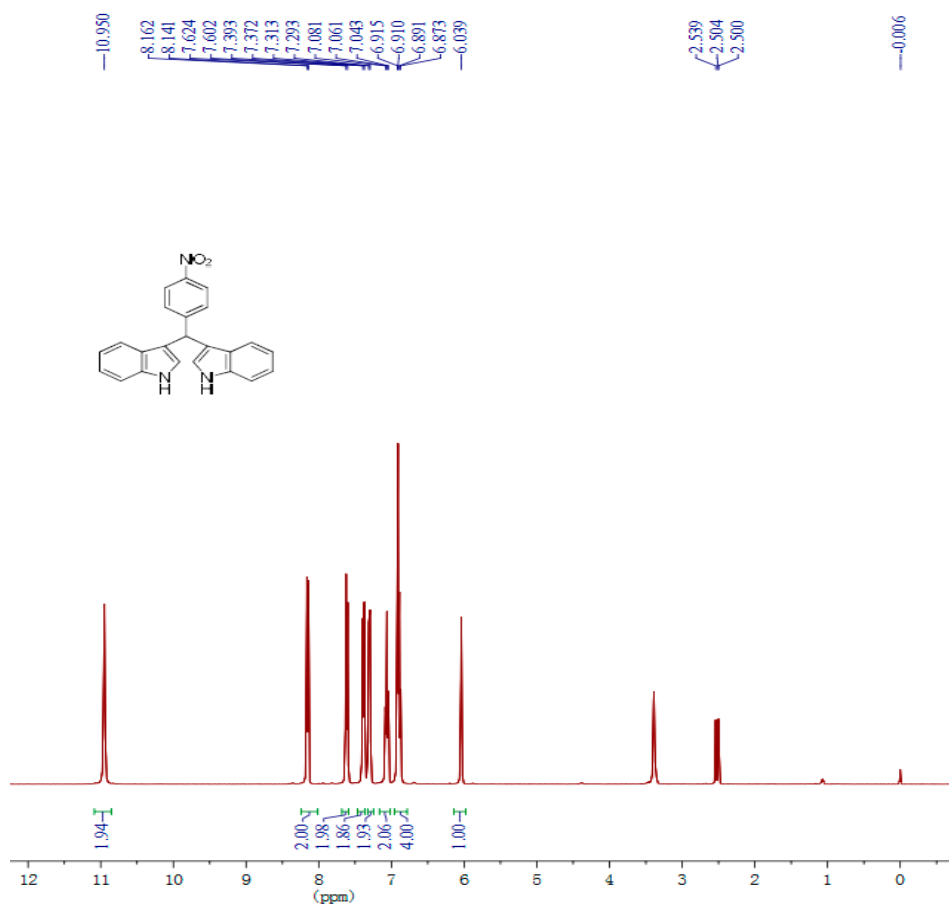
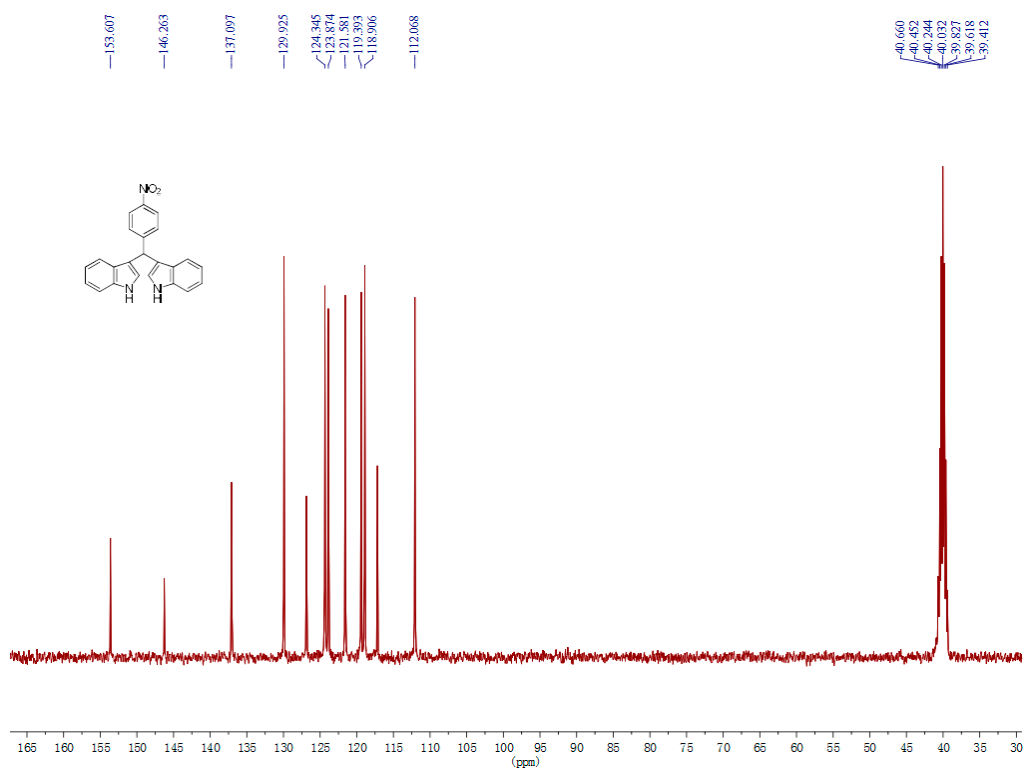
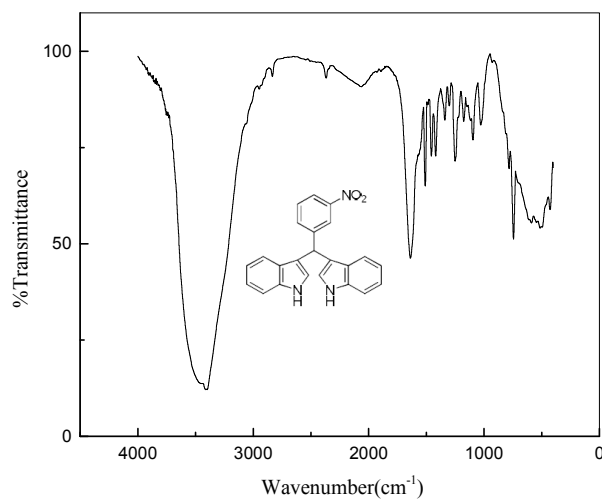
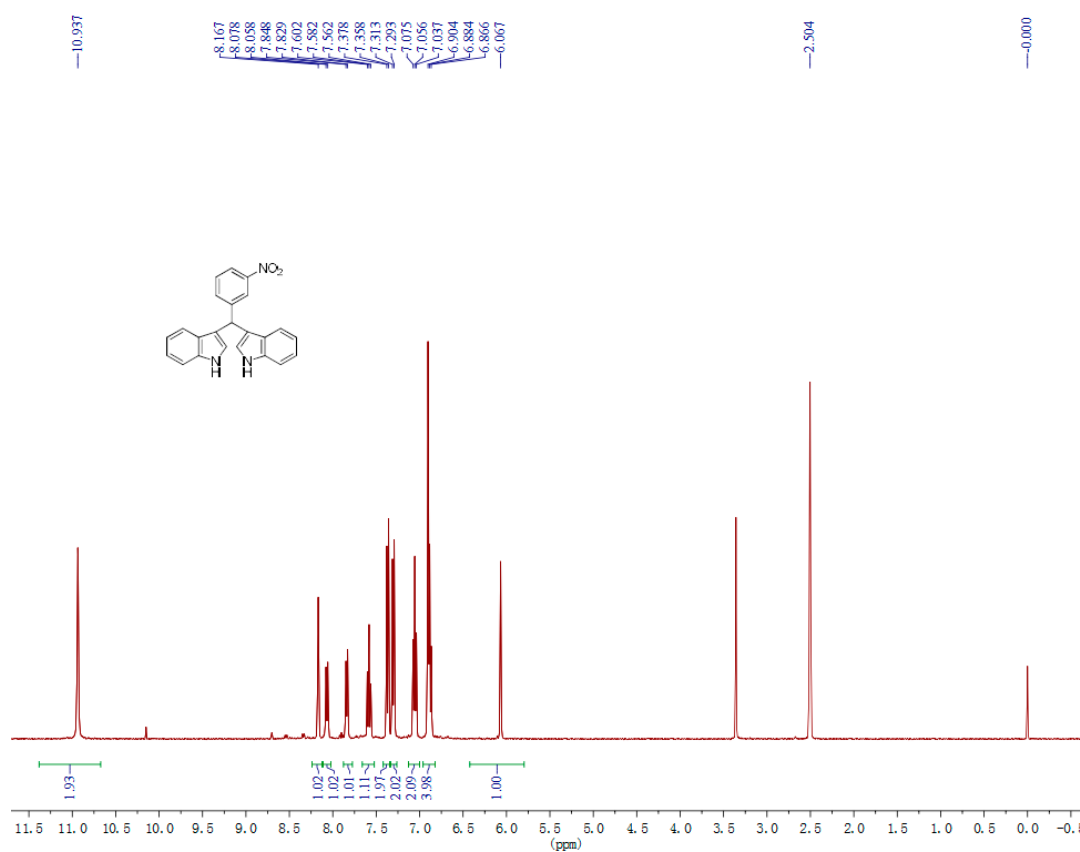
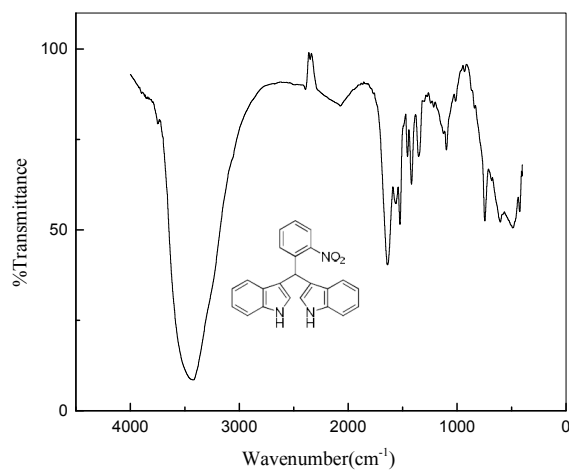
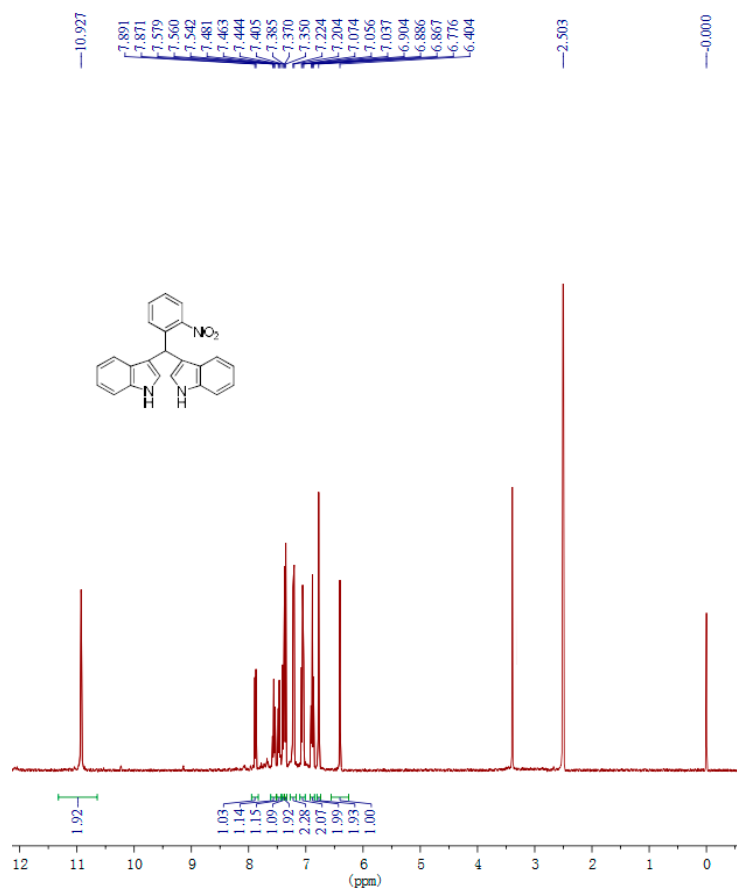
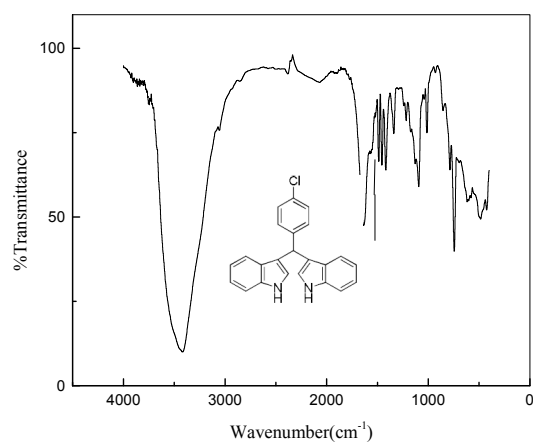
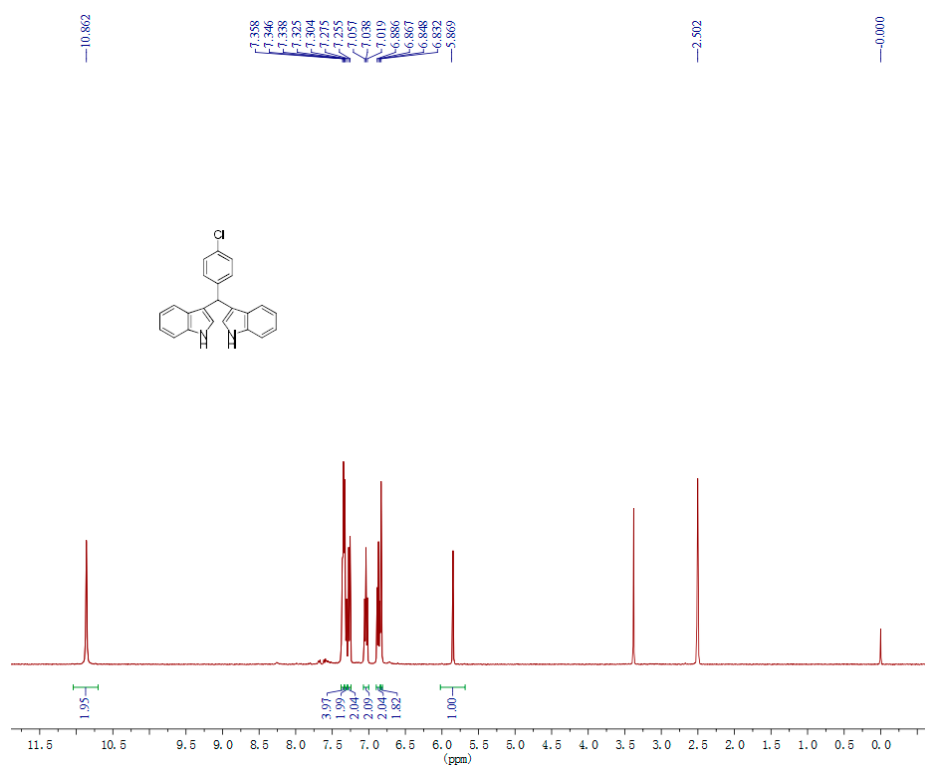
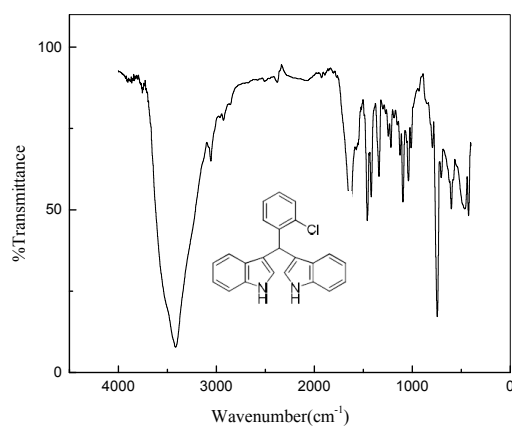
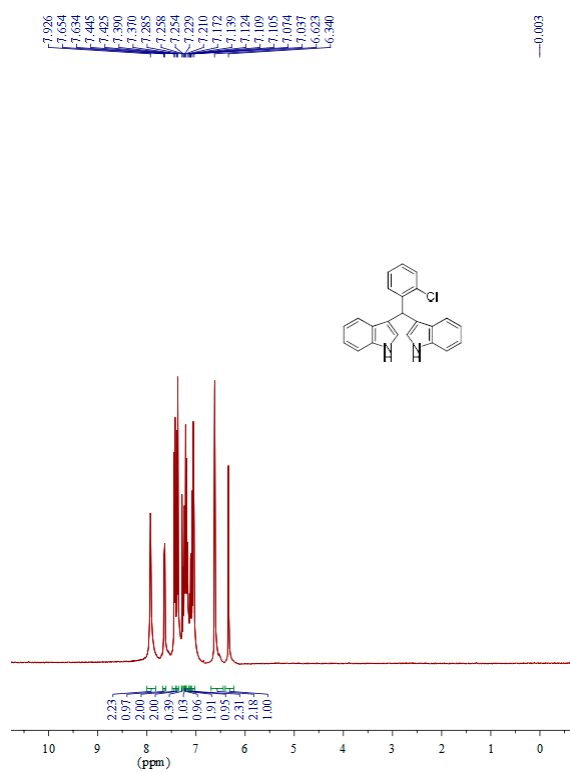


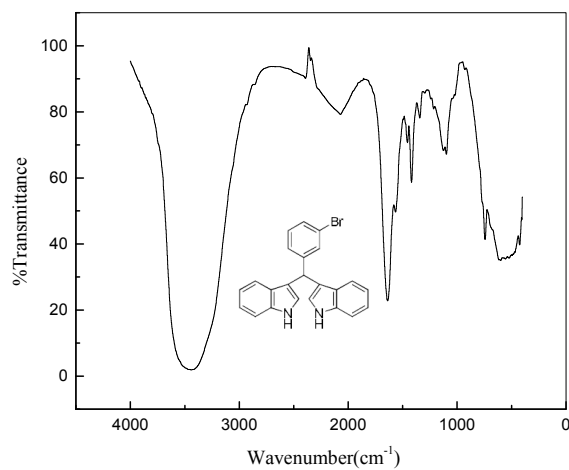
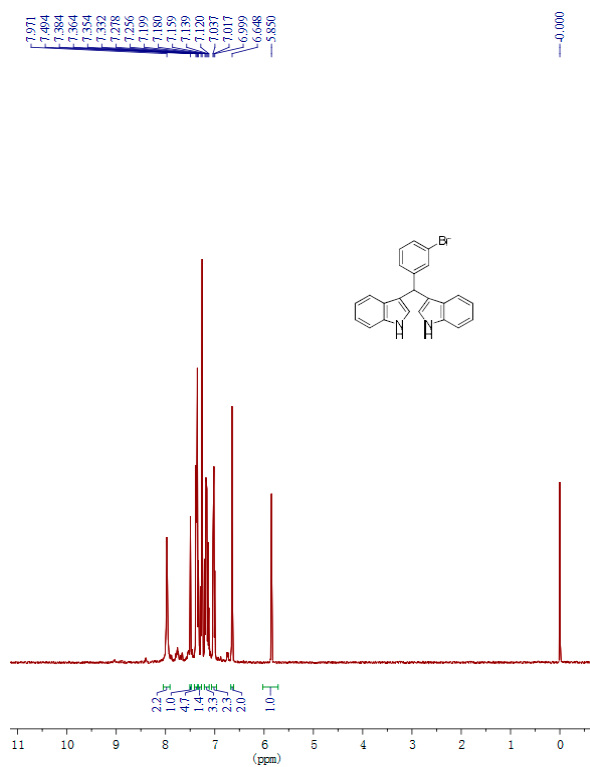
Figure S3. ^1H -NMR of compound **3a**.**Figure S4.** ^{13}C -NMR of compound **3a**.

3,3'-((3-Nitrophenyl)methylene)bis(1H-indole) (3b)**Figure S5. IR of compound 3b.****Figure S6. ¹H-NMR of compound 3b.**

3,3'-((2-Nitrophenyl)methylene)bis(1H-indole) (3c)**Figure S7.** IR of compound **3c**.**Figure S8.** ¹H-NMR of compound **3c**.

3,3'-((4-Chlorophenyl)methylene)bis(1H-indole) (3d)**Figure S9. IR of compound 3d.****Figure S10. ¹H-NMR of compound 3d.**

3,3'-((2-Chlorophenyl)methylene)bis(1H-indole) (3e)**Figure S11.** IR of compound **3e**.**Figure S12.** ¹H-NMR of compound **3e**.

3,3'-((3-Bromophenyl)methylene)bis(1H-indole) (3f)**Figure S13.** IR of compound **3f**.**Figure S14.** ¹H-NMR of compound **3f**.

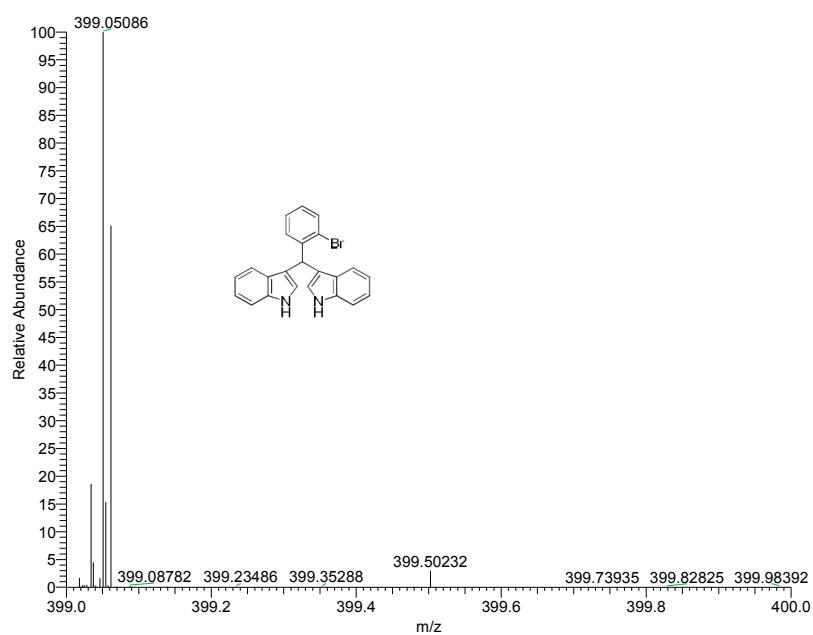
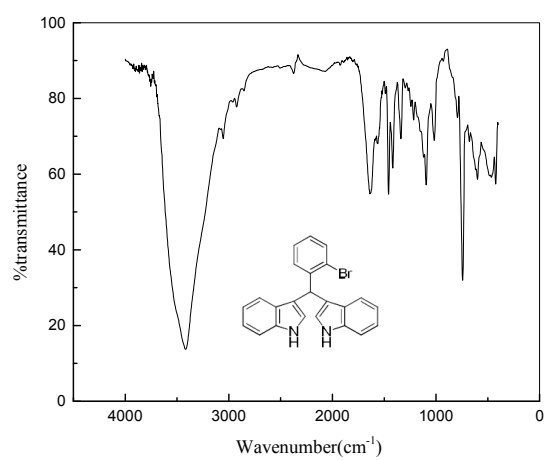
3,3'-((2-Bromophenyl)methylene)bis(1H-indole) (3g)**Figure S15.** HRMS of compound **3g**.**Figure S16.** IR of compound **3g**.

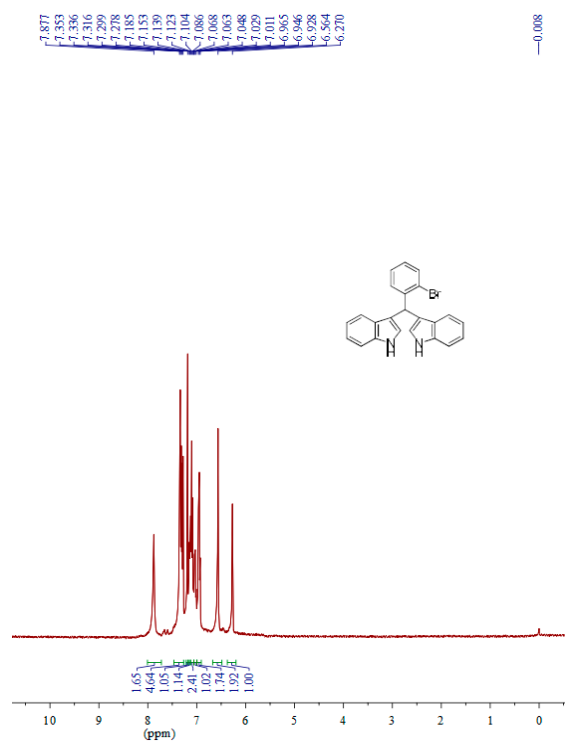
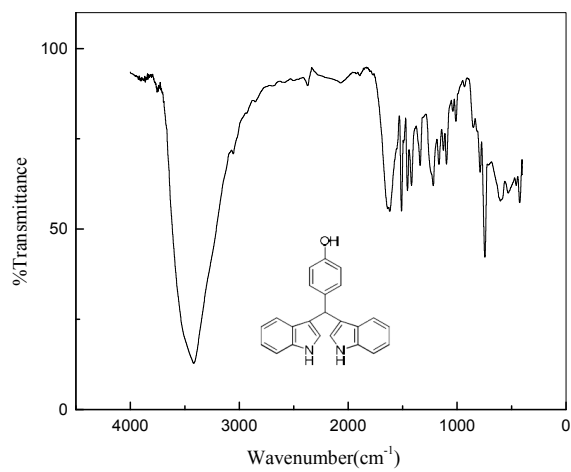
Figure S17. ^1H -NMR of compound **3g**.**3,3'-((4-Hydroxyphenyl)methylene)bis(1H-indole) (**3h**)****Figure S18.** IR of compound **3h**.

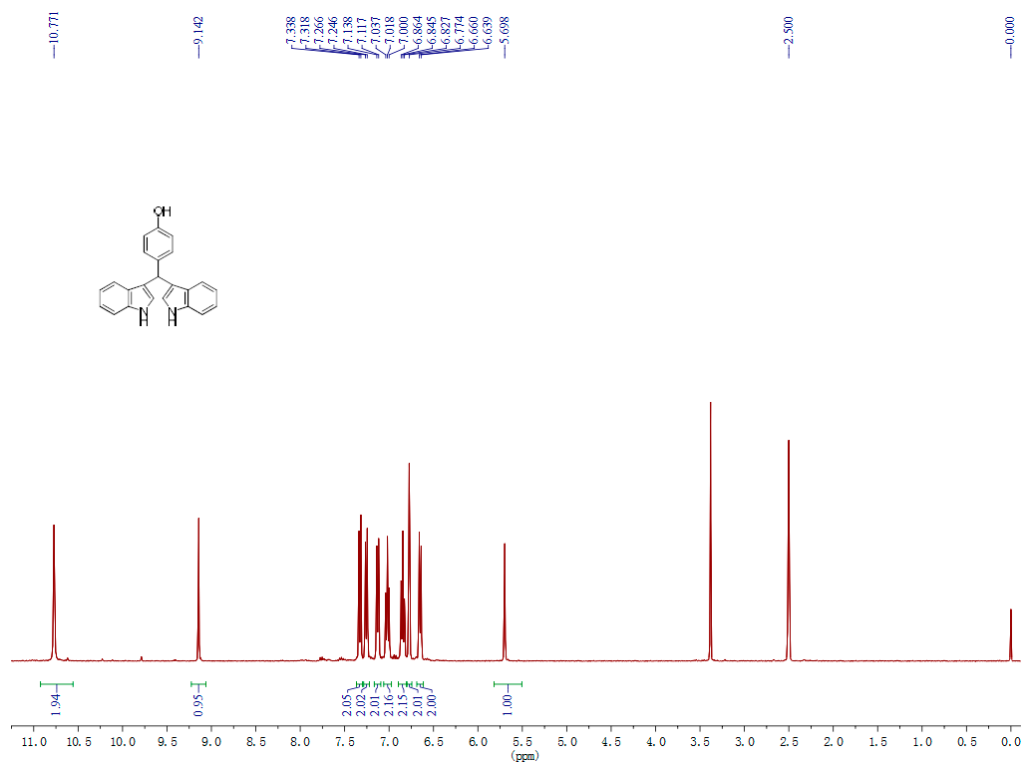
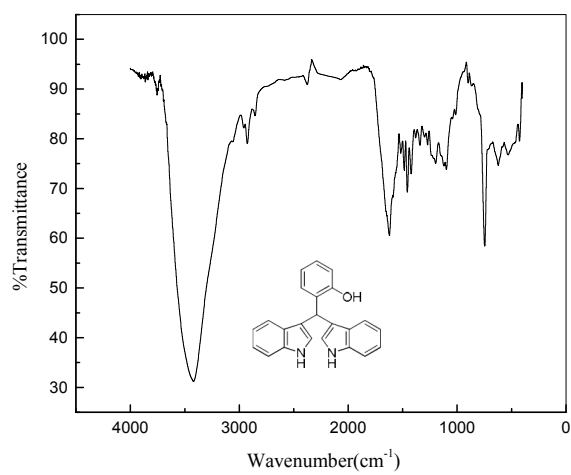
Figure S19. ^1H -NMR of compound **3h**.**3,3'-((2-Hydroxyphenyl)methylene)bis(1H-indole) (**3i**)****Figure S20.** IR of compound **3i**.

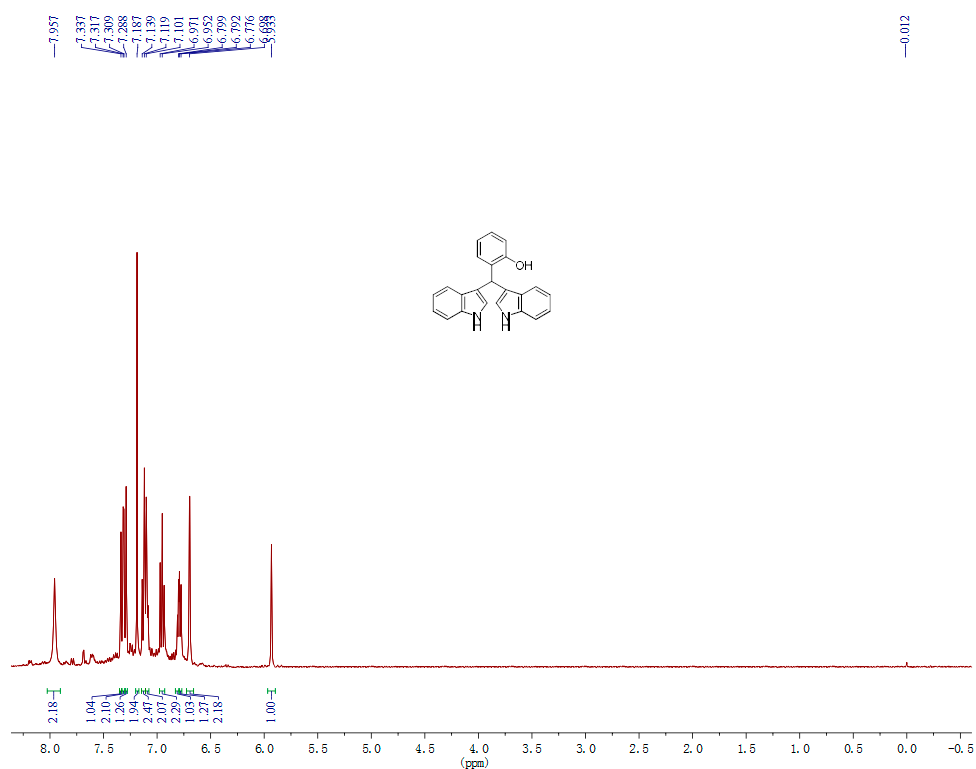
Figure S21. ^1H -NMR of compound **3i**.

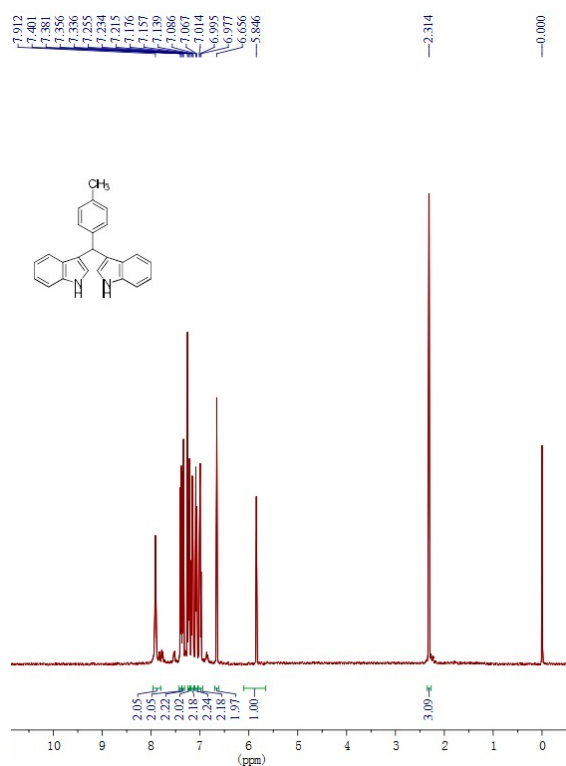
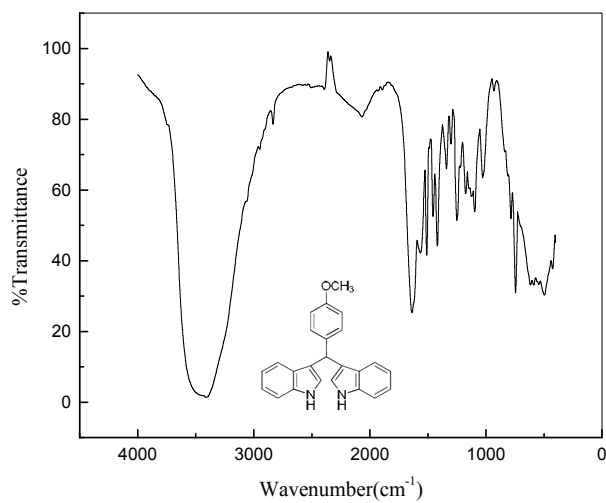
Figure S23. ^1H -NMR of compound **3j**.**3,3'-((4-Methoxyphenyl)methylene)bis(1H-indole) (**3k**)****Figure S24.** IR of compound **3k**.

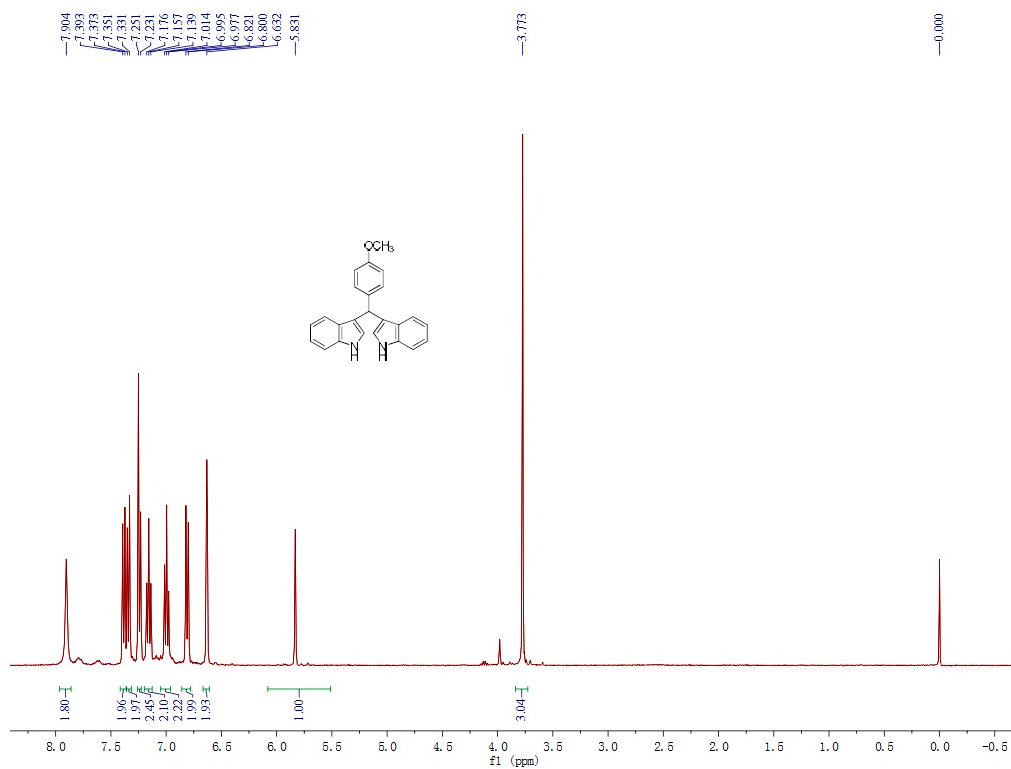
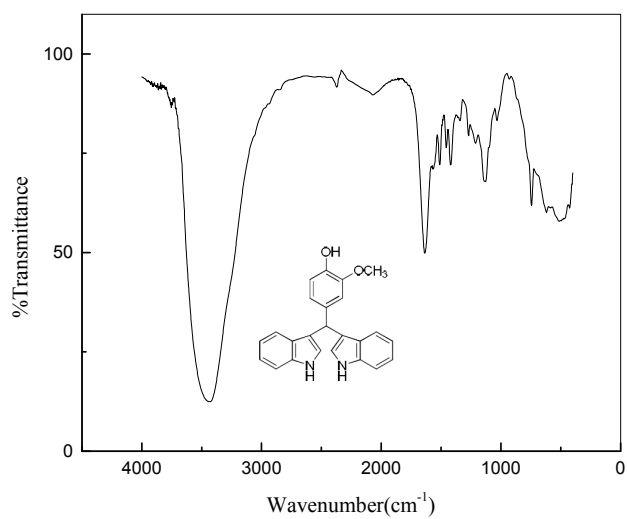
Figure S25. ^1H -NMR of compound **3k**.**4-(Di(1H-indol-3-yl)methyl)-2-methoxyphenol (3l)****Figure S26.** IR of compound **3l**.

Figure S27. ^1H -NMR of compound **3l**.