

Figure S1. ^1H NMR (400 MHz, CDCl_3) spectrum of compound *o*-DBCNPY.

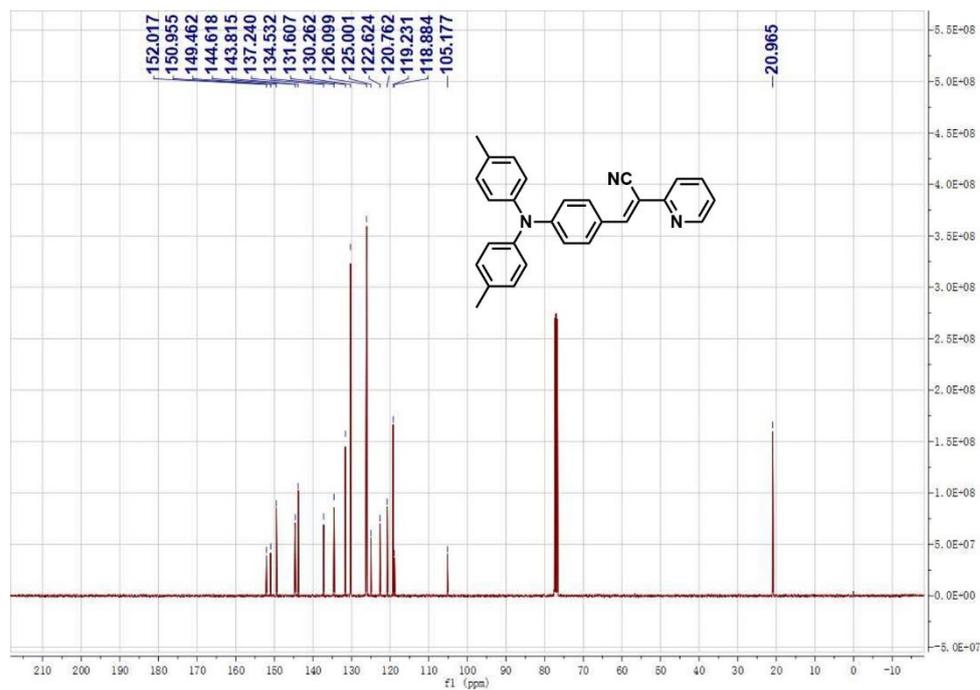


Figure S2. ^{13}C NMR (100 MHz, CDCl_3) spectrum of compound *o*-DBCNPY.

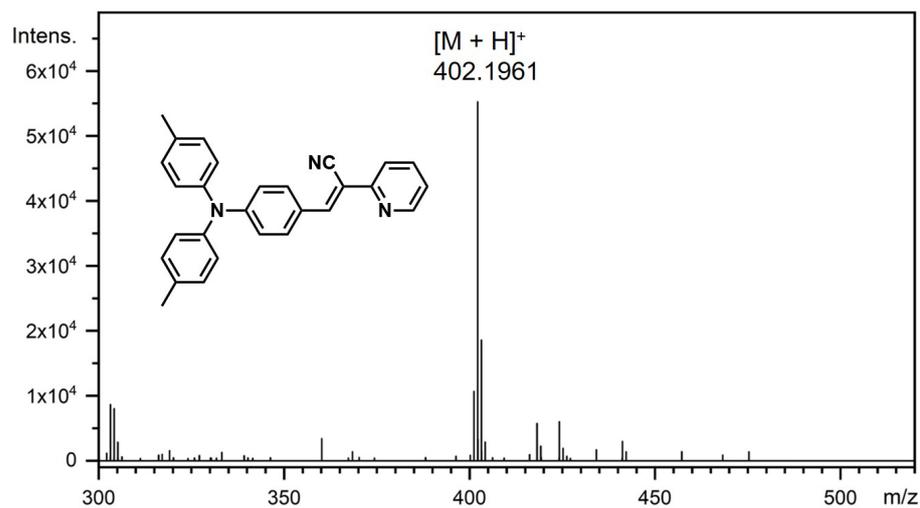


Figure S3. HR-MS spectrum of compound *o*-DBCNPY.

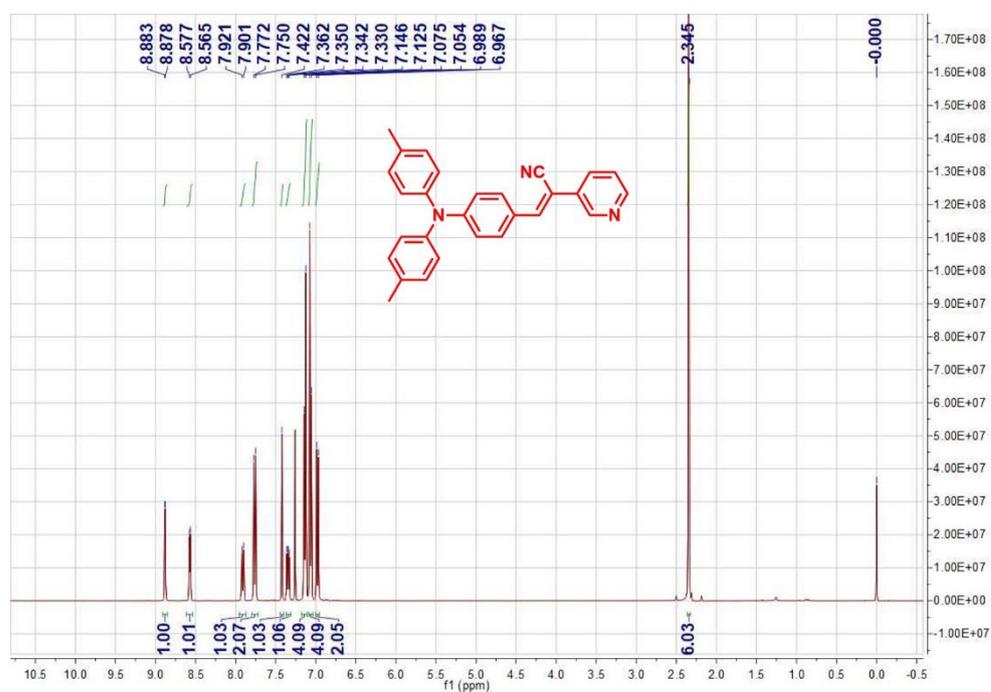


Figure S4. ^1H NMR (400 MHz, CDCl_3) spectrum of compound *m*-DBCNPY.

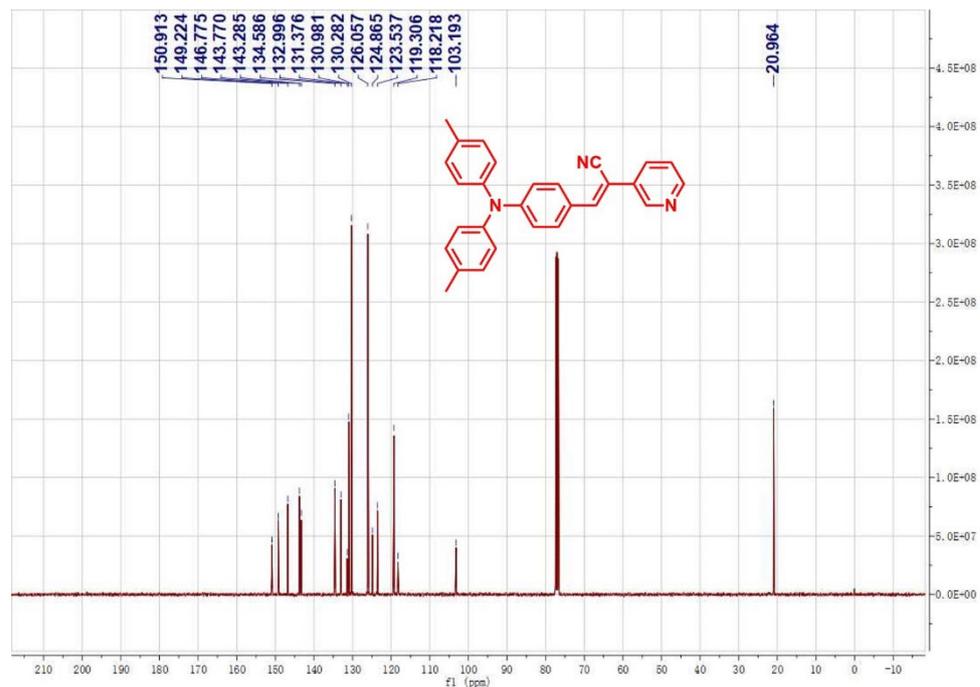


Figure S5. ^{13}C NMR (100 MHz, CDCl_3) spectrum of compound *m*-DBCNPY.

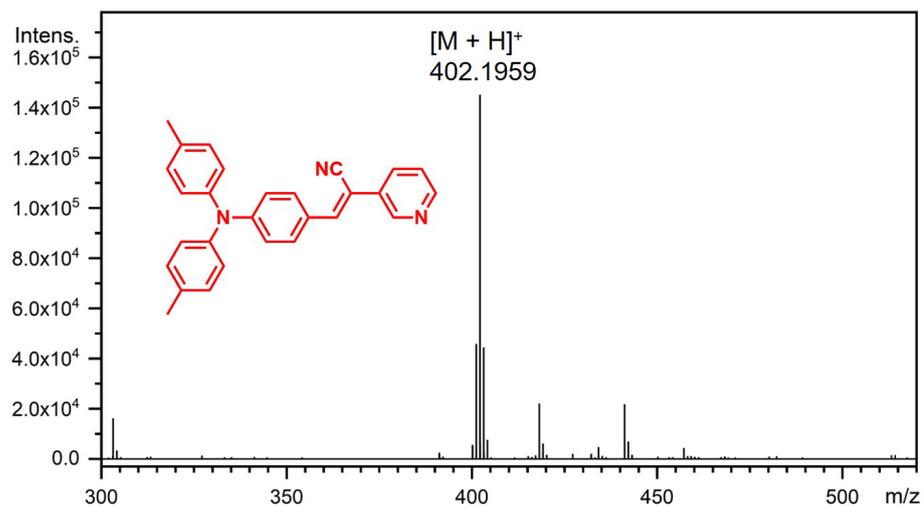


Figure S6. HR-MS spectrum of compound *m*-DBCNPY.

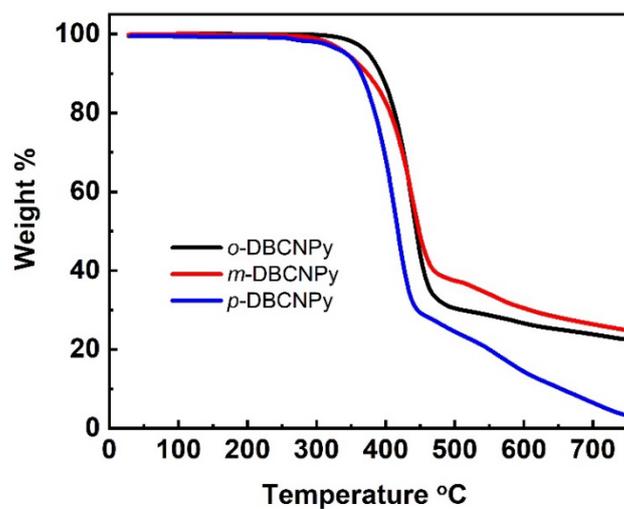


Figure S7. TGA curves of *o*-DBCNPY, *m*-DBCNPY and *p*-DBCNPY.

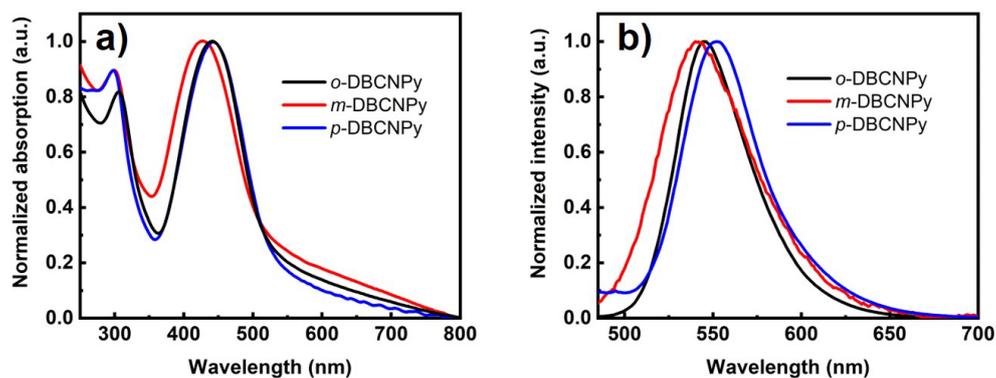


Figure S8. Absorption (a) and fluorescence emission (b) spectra of the non-doped film of the compounds.

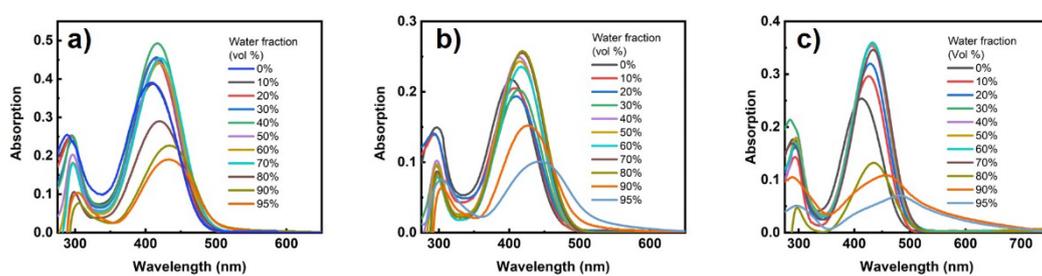


Figure S9. Absorption spectra of *o*-DBCNPY (a), *m*-DBCNPY (b) and *p*-DBCNPY (c) in THF/water mixtures. Concentration: 1×10^{-5} M.

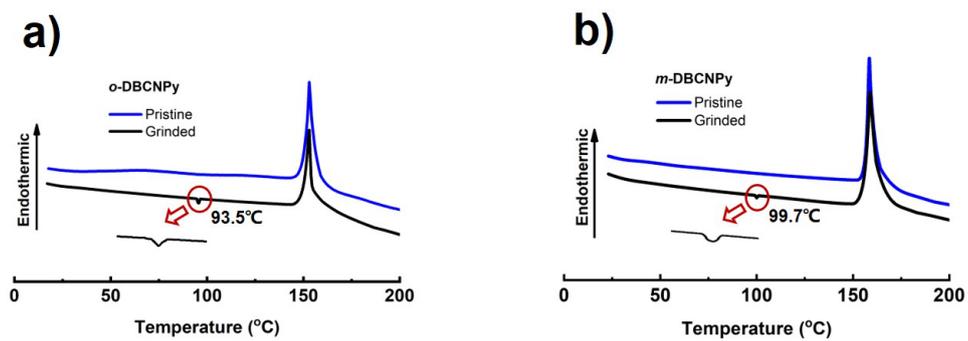


Figure S10. DSC curves of *o*-DBCNPY (a) and *m*-DBCNPY (b) in different states.