

Supporting information

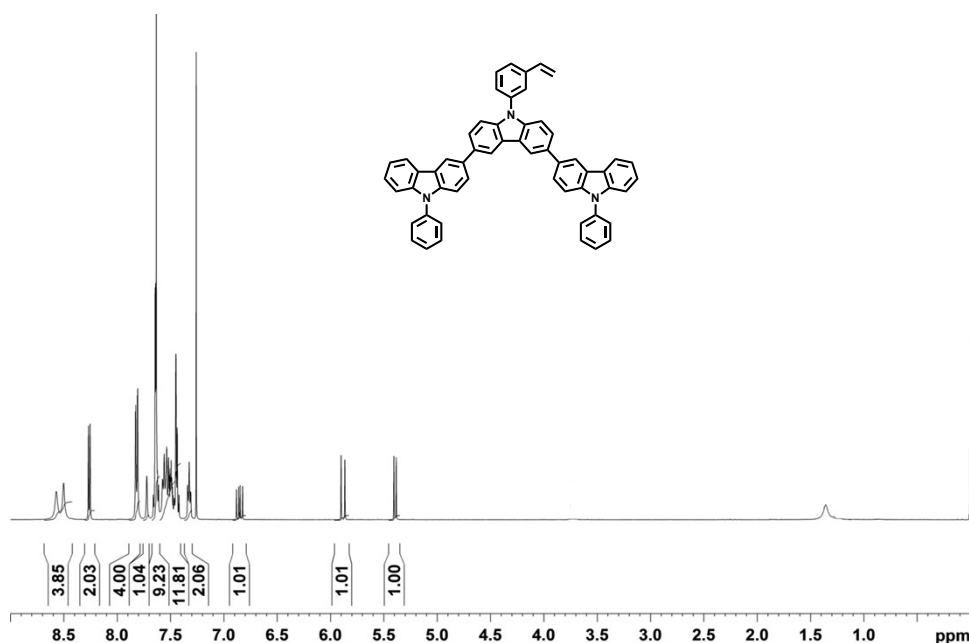
Wide bandgap poly(*meta*-styrene) derivatives containing pendant carbazolyl groups as hosts for efficient solution-processed organic light emitting diodes

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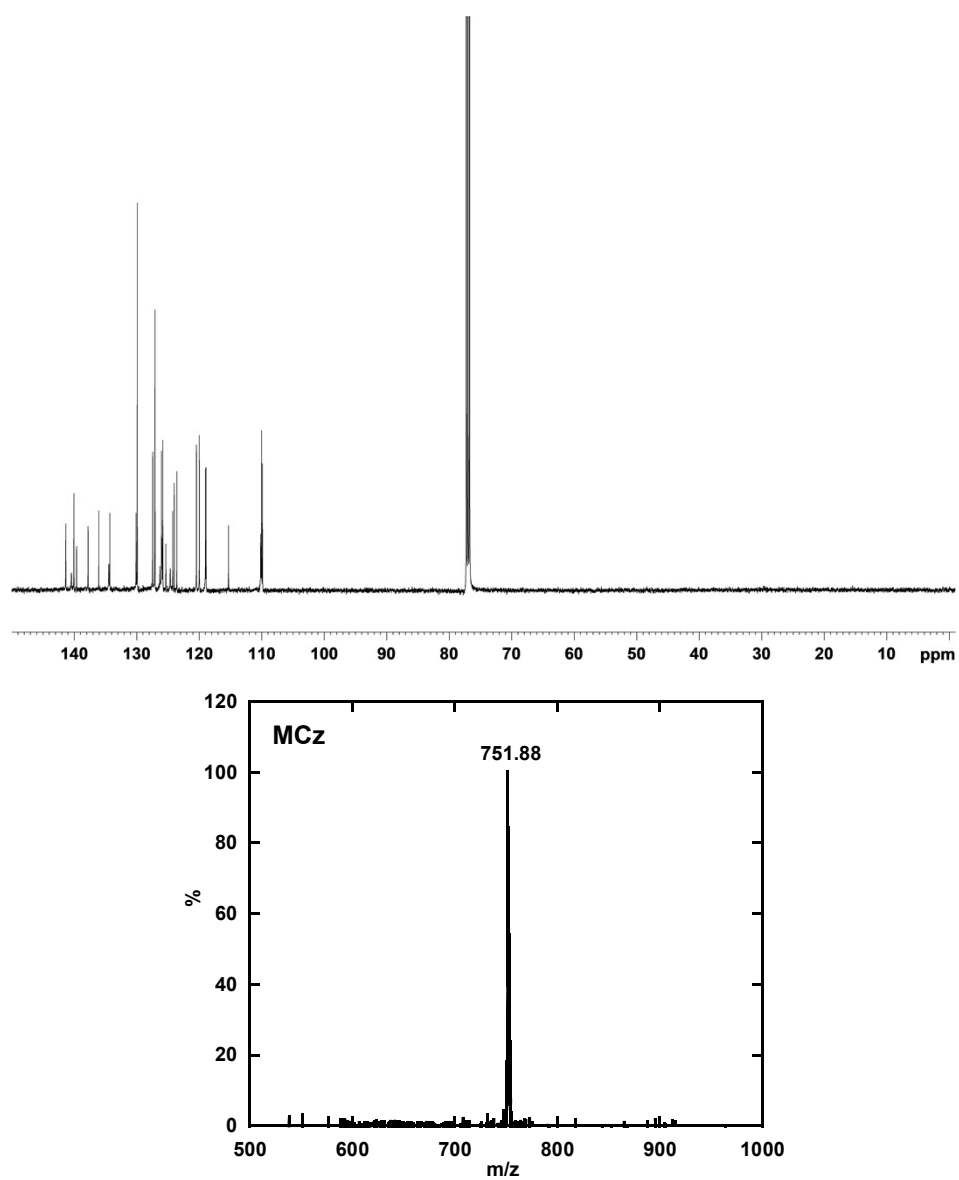
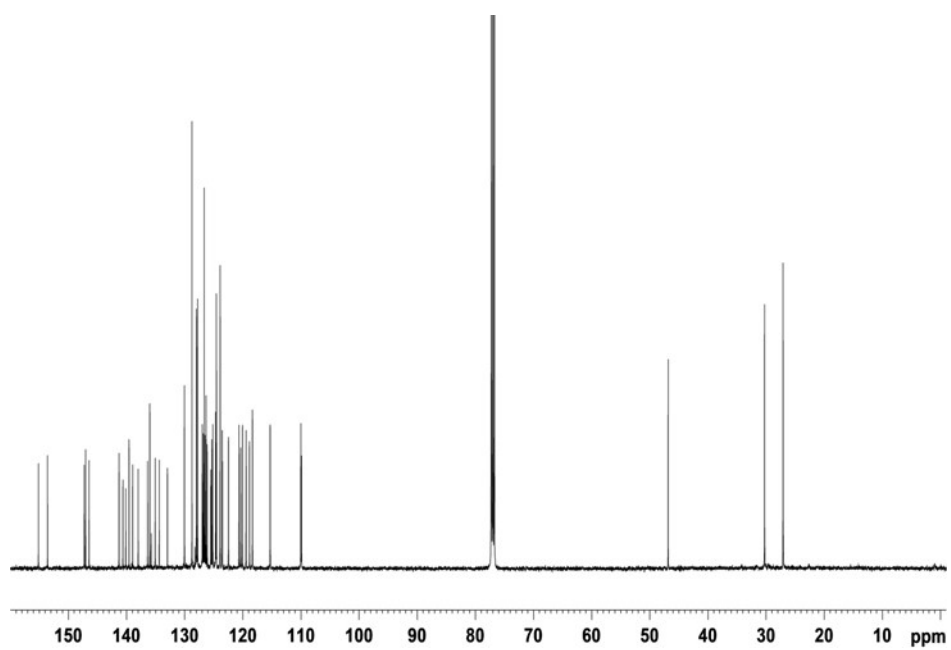
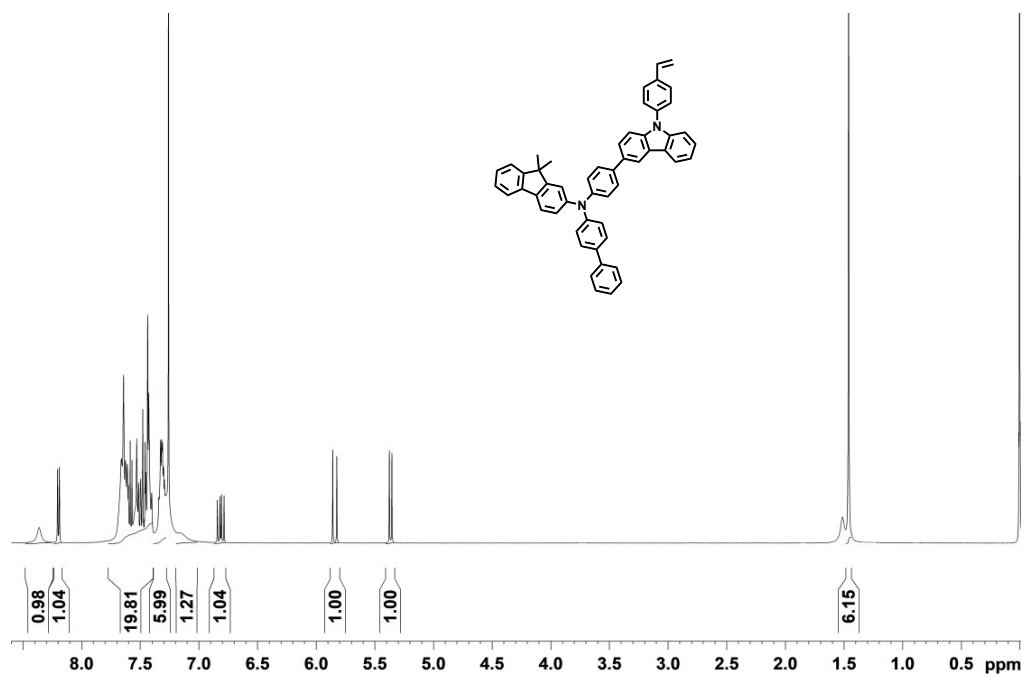


Fig. S1 the ^1H -NMR, ^{13}C -NMR and MS spectra of MCz.



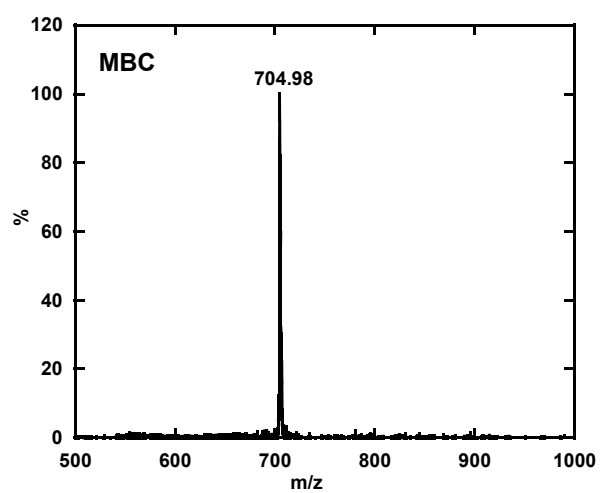
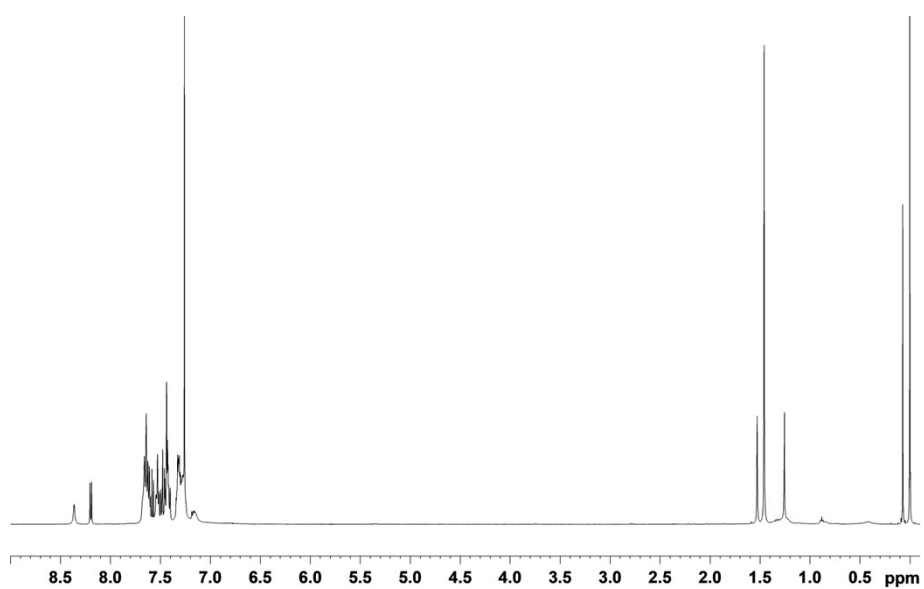


Fig. S2 the ^1H -NMR, ^{13}C -NMR and MS spectra of MBC.

□ a□ PMBC



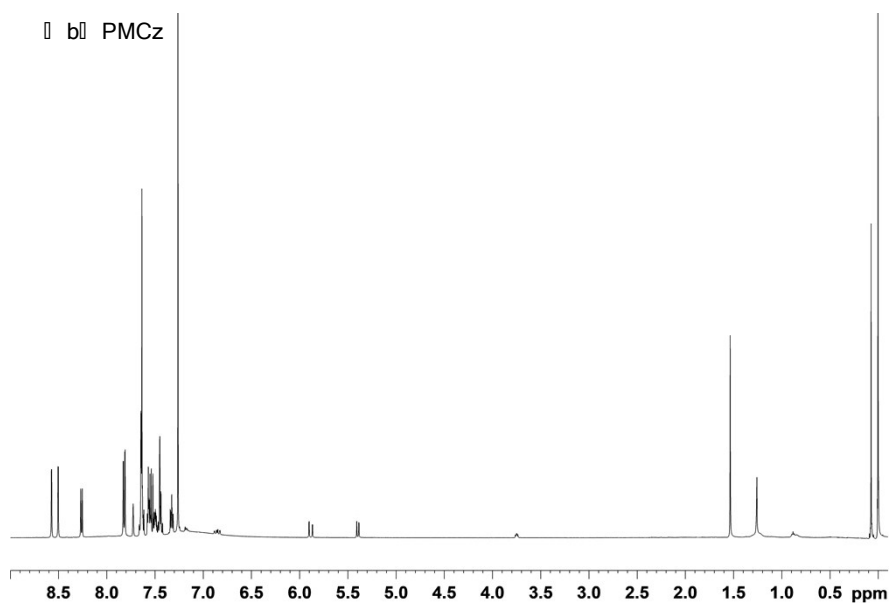


Fig. S3 the ^1H -NMR spectra of PMCz and PMBC.

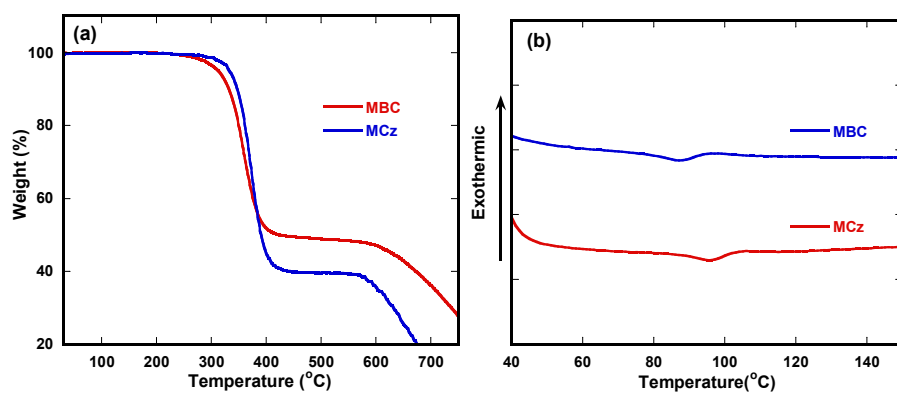


Fig. S4 TGA (a) and DSC (b) curves of the monomer MCz and MBC.

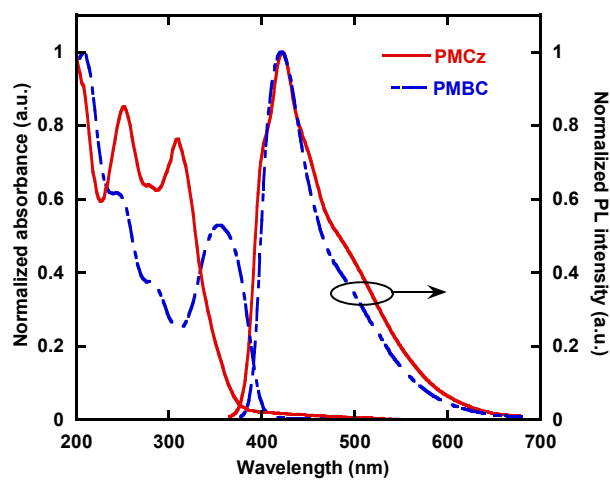


Fig. S5 UV-vis absorption and PL spectra of polymers in solid film.

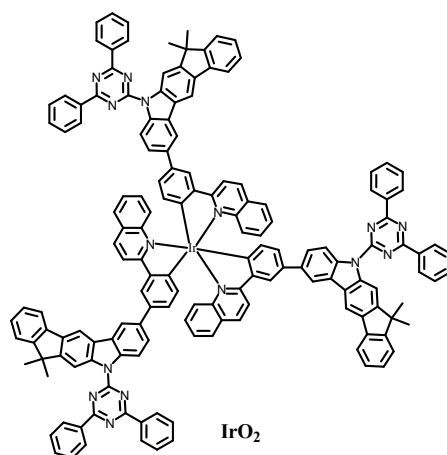


Fig. S6 Molecular structure of IrO_2 .

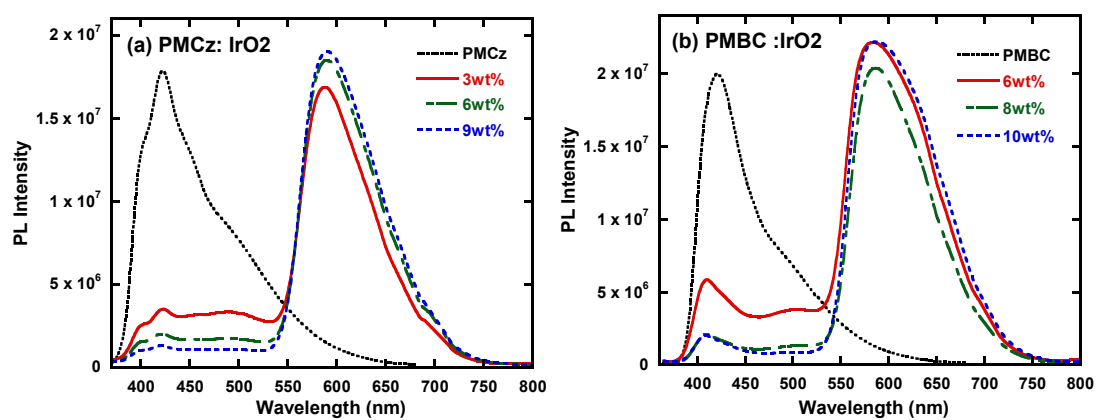


Fig. S7 PL spectra of PMCz and PMBC and the blend films PMCz and PMBC with different concentration of IrO_2 .

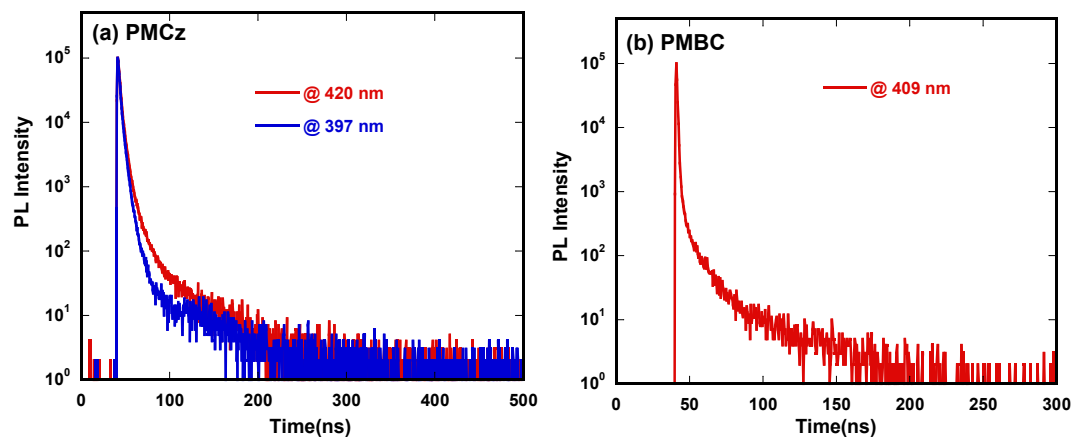


Fig. S8 Transient PL decay curves of the PMCz and PMBC films.