

Thieno[3,4-*c*]pyrrole-4,6-dione as novel building block for host materials for red PhOLEDs

Supporting Information

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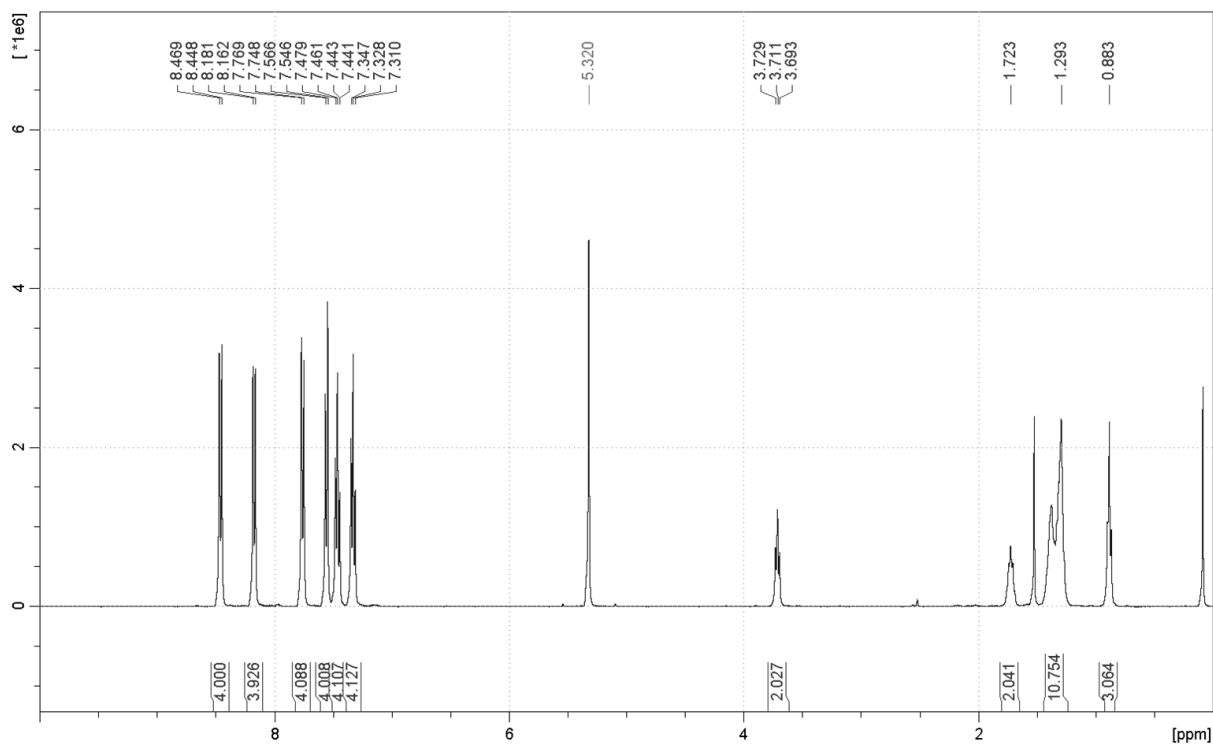


Fig. S1 Proton NMR spectrum of *p*-PCzTPD.

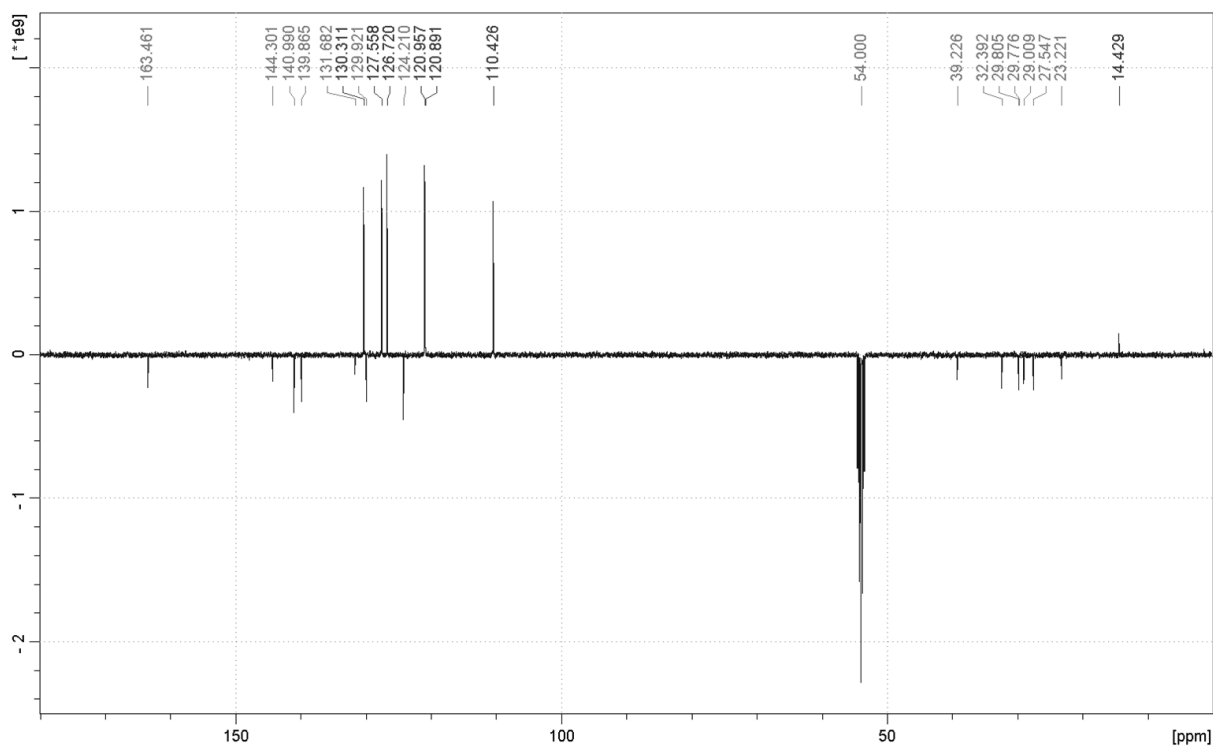


Fig. S2 Carbon NMR spectrum of *p*-PCzTPD.

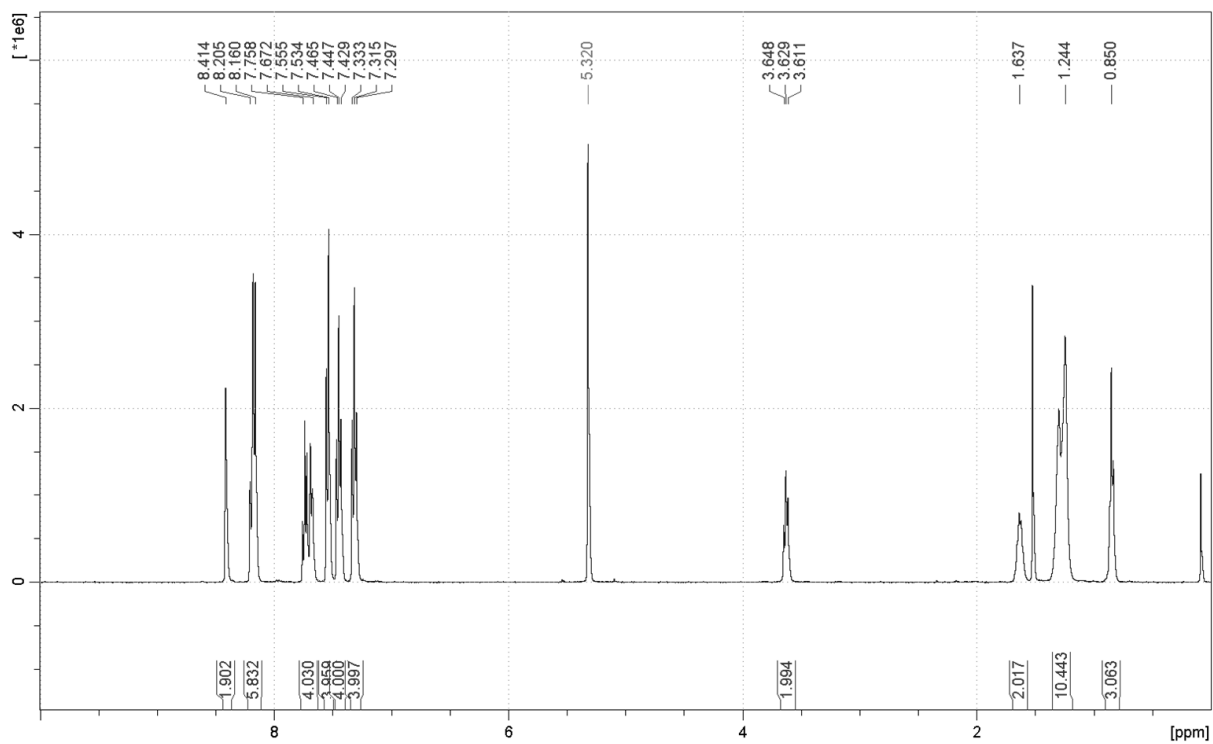


Fig. S3 Proton NMR spectrum of *m*-PCzTPD.

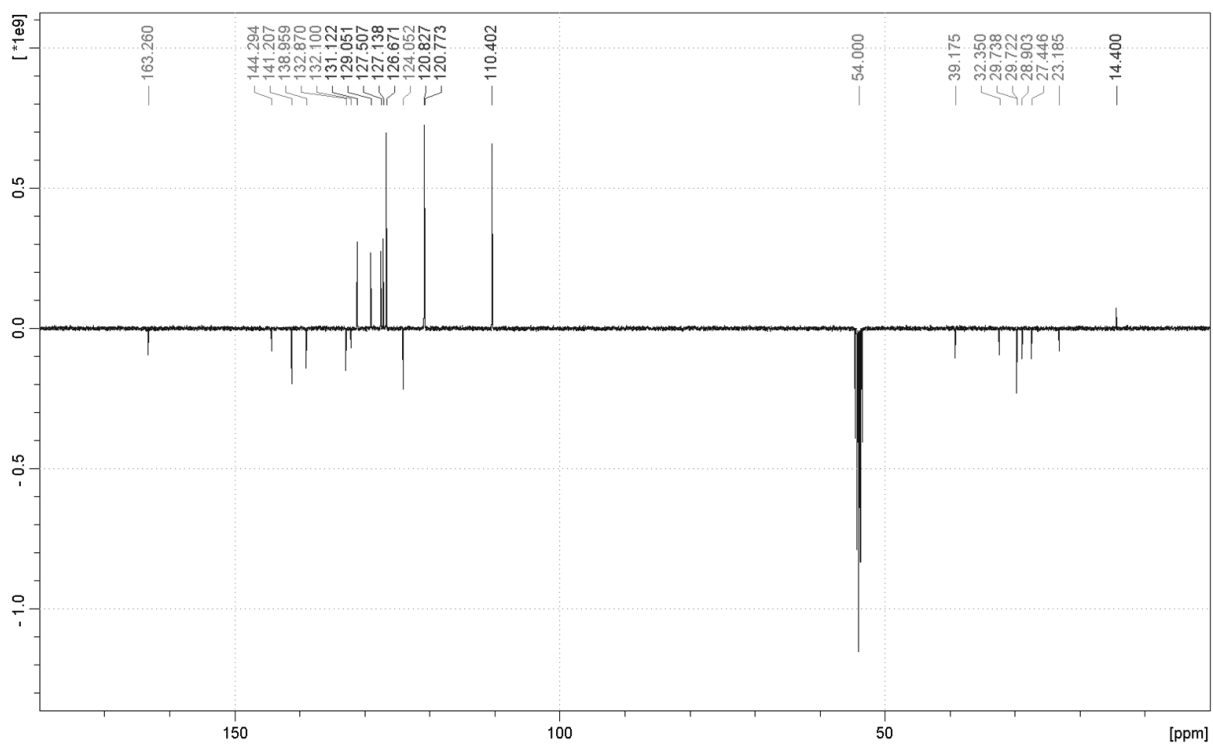


Fig. S4 Carbon NMR spectrum of *m*-PCzTPD.

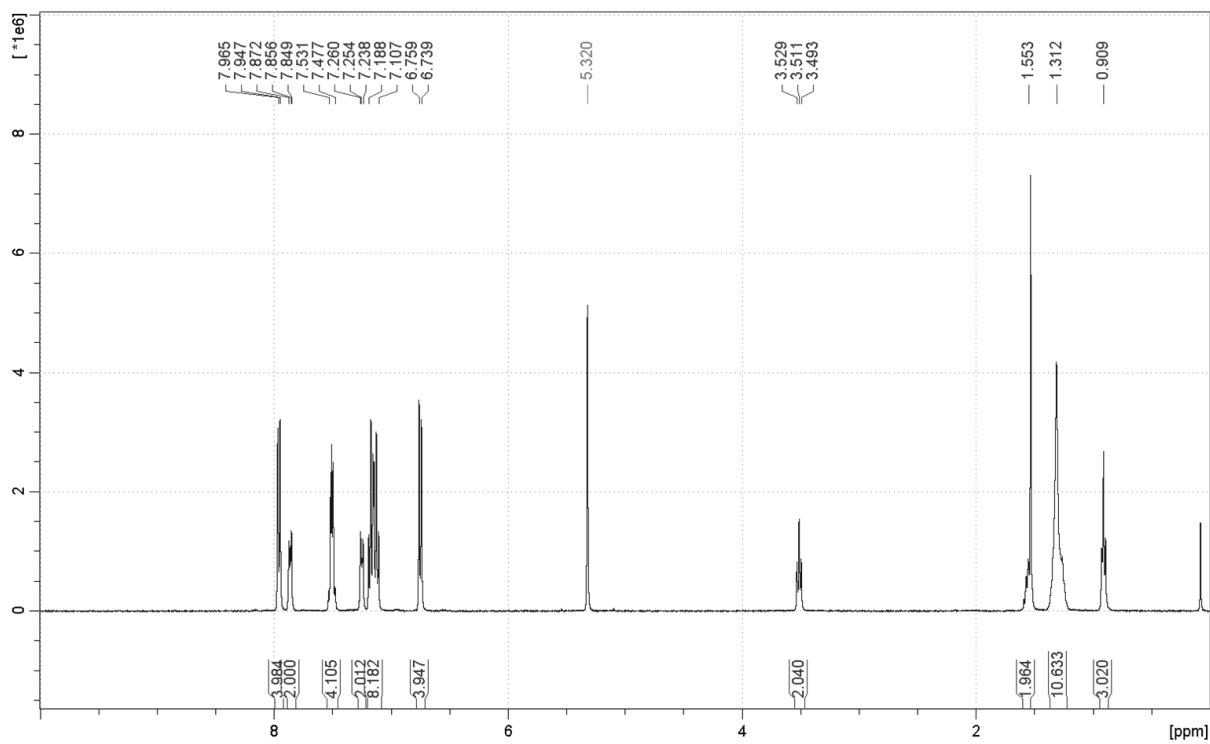


Fig. S5 Proton NMR spectrum of *o*-PCzTPD.

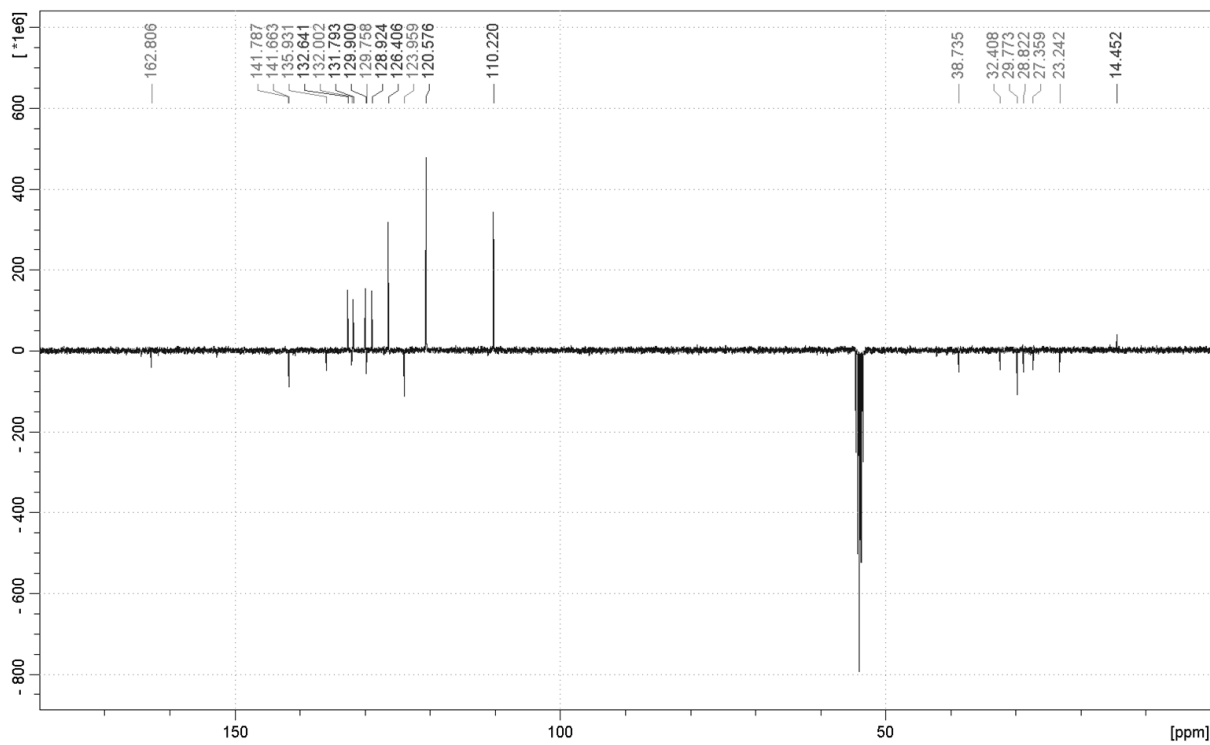


Fig. S6 Carbon NMR spectrum of *p*-PCzTPD.

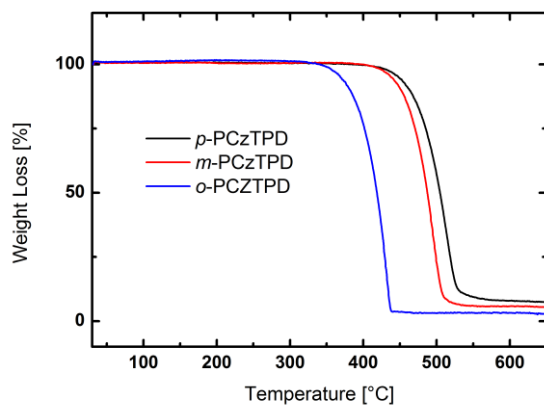


Fig. S8 TGA analysis of the developed materials.

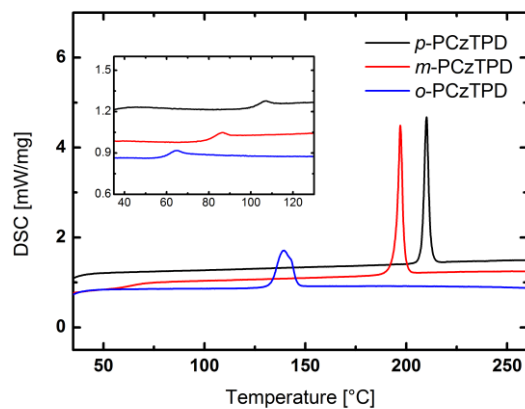


Fig. S7 DSC analysis of the developed materials.

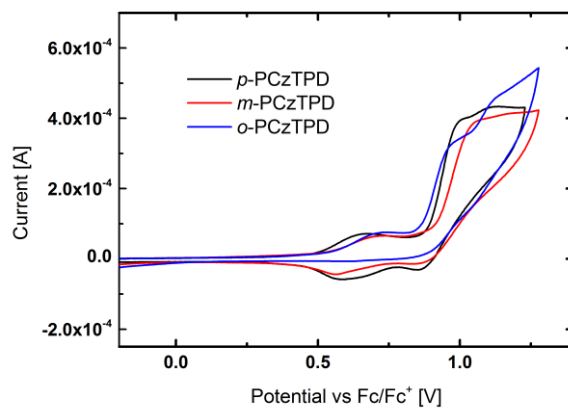


Fig. S9 CV curves of the developed materials.

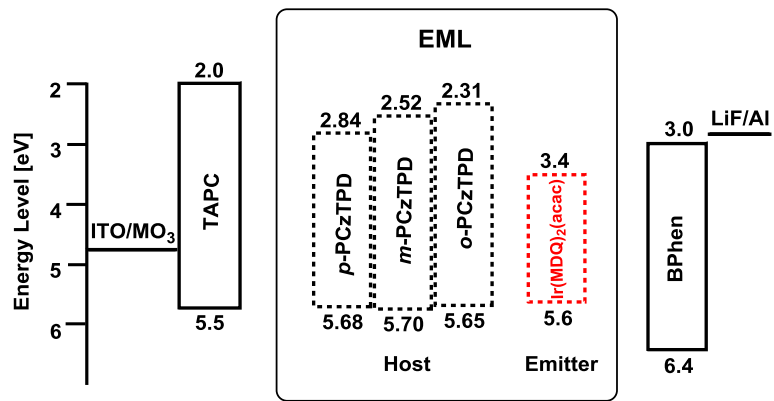


Fig. S10 Energy level diagram of the PhOLED devices.

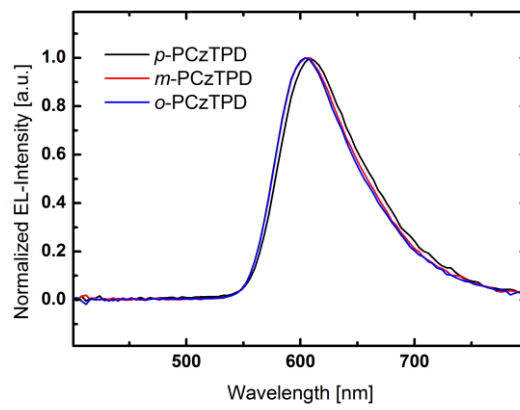


Fig. S11 EL spectra of the PhOLED devices.