Supporting Information

for

Oxadiazole Derivatives as Bipolar Host Materials for High-performance Blue and Green Phosphorescent Organic Light-emitting Diodes

Yanming Wang a, b *, Keke Duan a, Guoxiang Li a, Gewen Yu a

a School of Chemistry and Chemical Engineering, Inner Mongolia University of Science and Technology, 7 Aldine Street, Baotou 014010, Inner Mongolia, PR China
b School of Chemistry, Dalian University of Technology, 2 Linggong Road, Dalian 116024, PR China
E-mail: wymygw@163.com
Fig. S1 TGA thermograms of PyOxd-mCz and PyOxd-pCz, recorded at a heating rate of 10 °C min⁻¹.
Fig. S2 Chemical structures of related materials and energy level diagram for the single carrier devices and blue and green PHOLEDs.

Fig. S3 $^1$H NMR of the intermediate
Fig. S4 $^{13}$C NMR of the intermediate

Fig. S5 $^1$H NMR of PyOxd-mCz
Fig. S6 $^{13}$C NMR of PyOxd-mCz

Fig. S7 $^1$H NMR of PyOxd-pCz
Fig. S8 $^{13}$C NMR of PyOxd-pCz

Fig. S9 UV−vis absorption of FIrpic and Ir(ppy)$_3$, room-temperature photoluminescence of PyOxd-mCz and PyOxd-pCz spectra in dilute dichloromethane solutions