Wet- and dry-process feasible carbazole type host for highly efficient phosphorescent OLEDs

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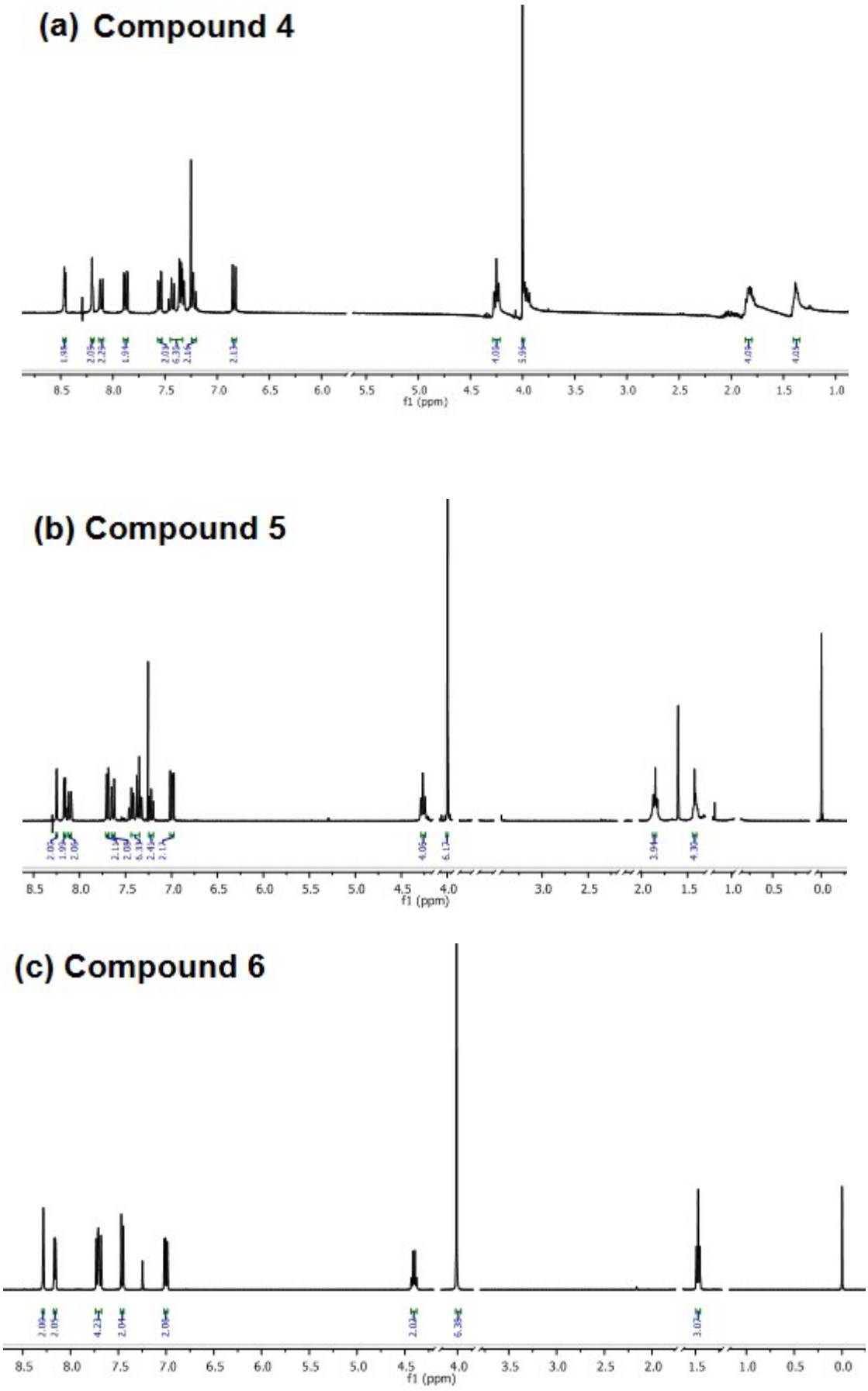


Figure S1. ^{1}H NMR spectra of (a) compound 4, (b) compound 5, and (c) compound 6.

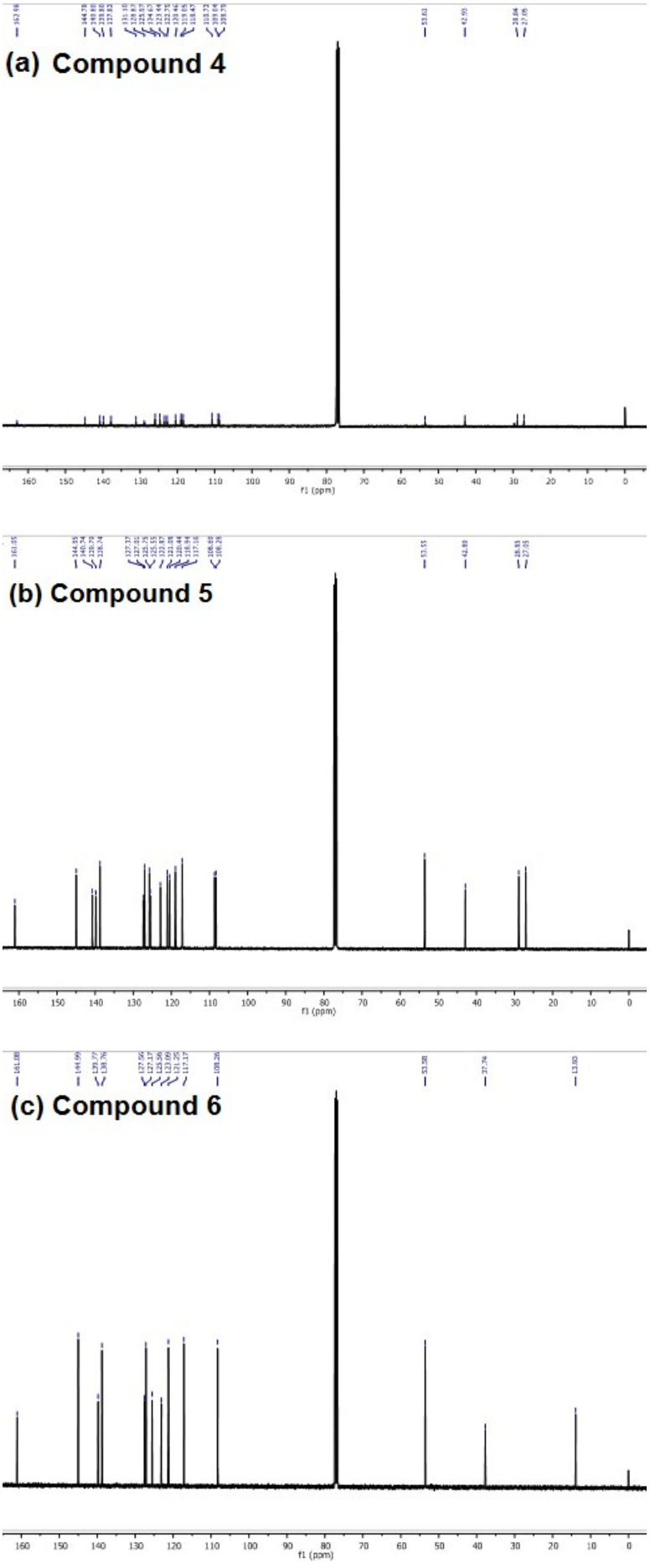
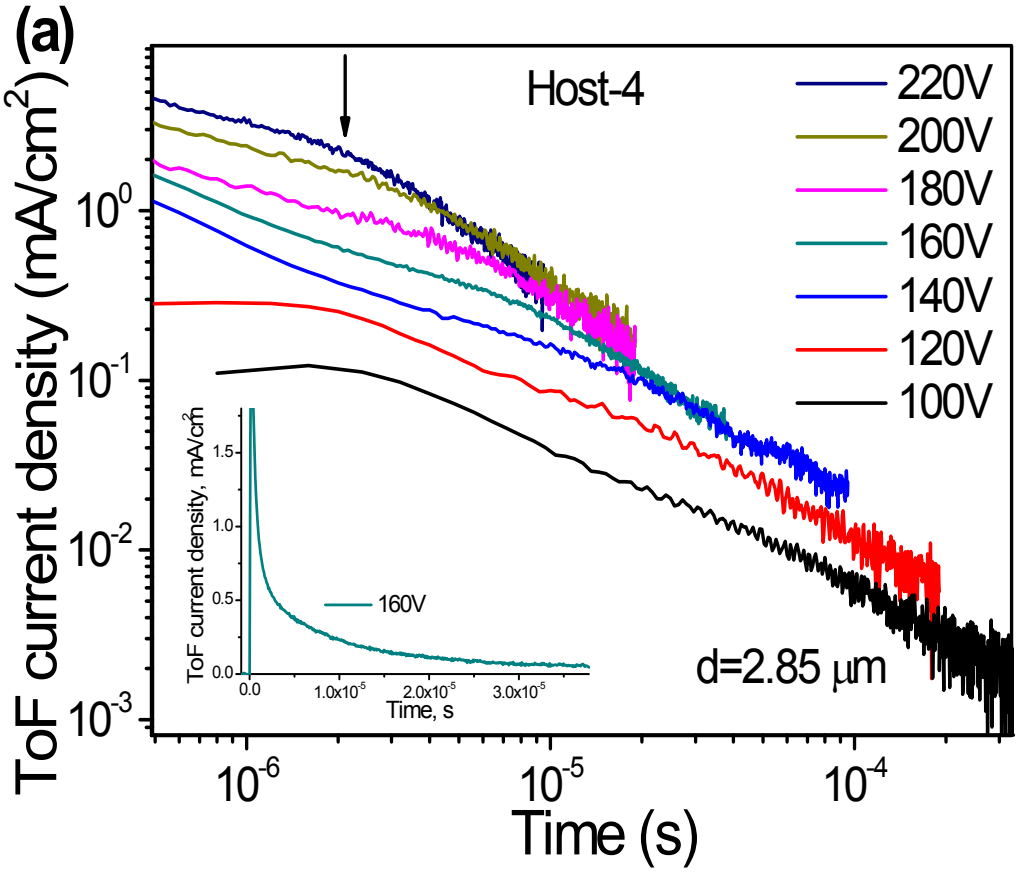
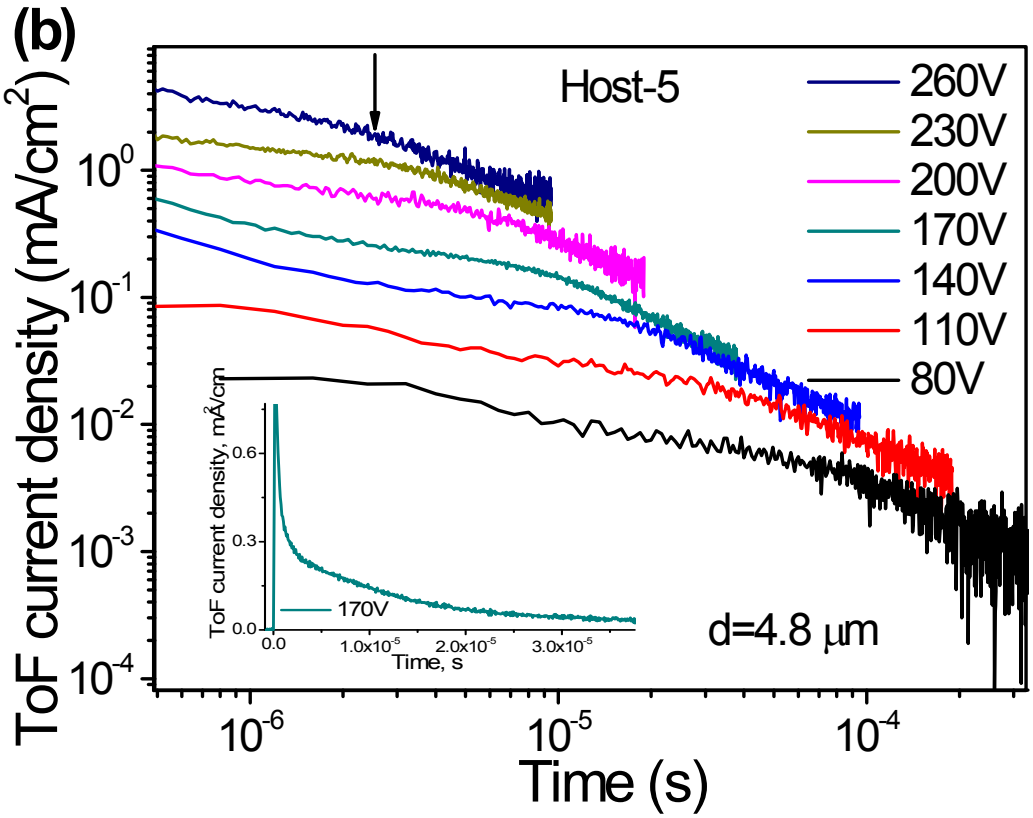


Figure S2. ^{13}C NMR spectra of (a) compound 4, (b) compound 5, and (c) compound 6.


(a)
Host-4
220V
200V
180V
160V
140V
120V
100V
d=2.85 μm
ToF current density (mA/cm²)
Time (s)
ToF current density, mA/cm²
160V
Time, s


(b)
Host-5
260V
230V
200V
170V
140V
110V
80V
d=4.8 μm
ToF current density (mA/cm²)
Time (s)
ToF current density, mA/cm²
170V
Time, s

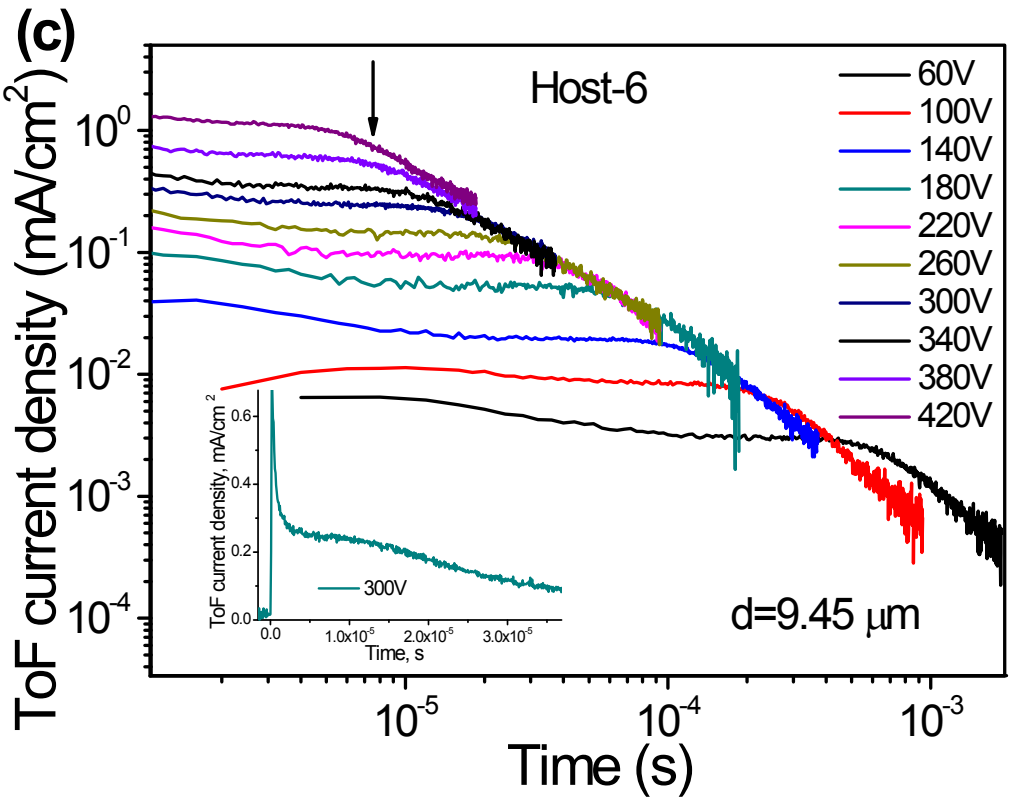


Figure S3. Double-logarithmic represantation of transient photocurrents curves of the **(a)** host-**4**, **(b)** host-**5**, and **(c)** host-**6**, while the insets show the TOF transient curve.