

Supplementary data

Fig. S1 X-Ray crystal structure of compound **2a**.

Fig. S2 Cyclic voltammograms of **3a-3d**.

Fig. S3 The TG curves of **3a-3d**.

Fig. S4 PL spectra of **3a** in DMF/water mixtures with different water fractions.

Fig. S5 PL spectra of **3c** in DMF/water mixtures with different water fractions.

Fig. S6 PL spectra of **3d** in DMF/water mixtures with different water fractions.

Fig. S7 Changes of the maximum PL intensity of **3a-3d** in DMF/water mixtures with different water fraction.

Fig. S8 CIE chromaticity coordinates of Device I (**3b**).

Fig. S1

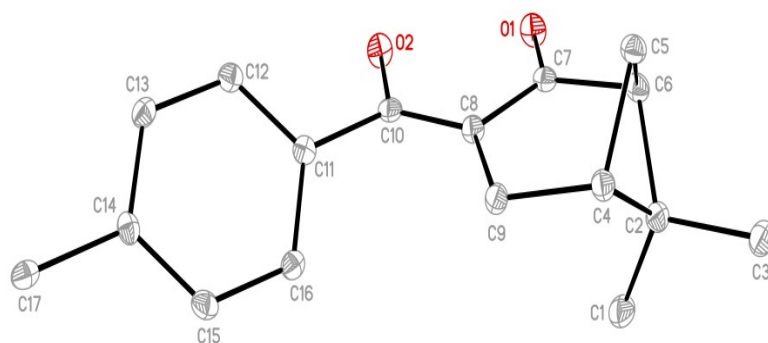


Fig. S2

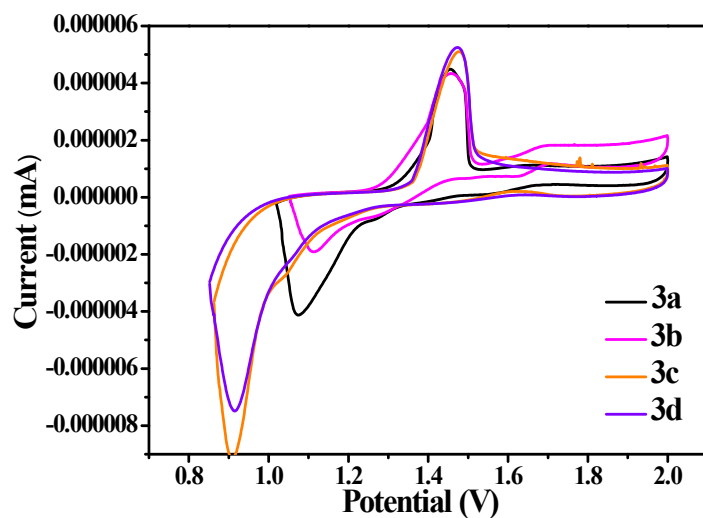


Fig. S3

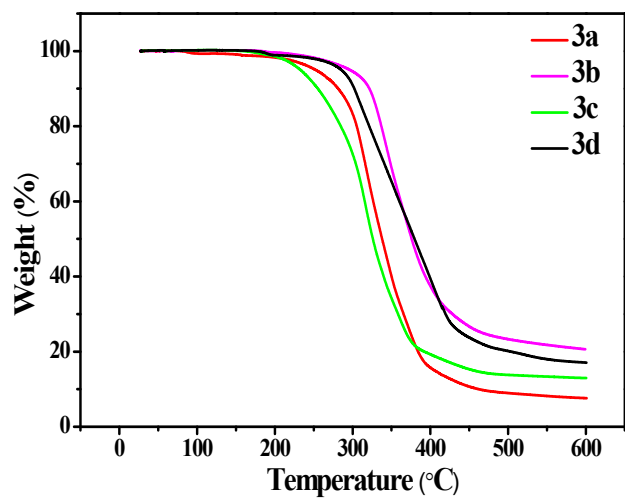


Fig. S4

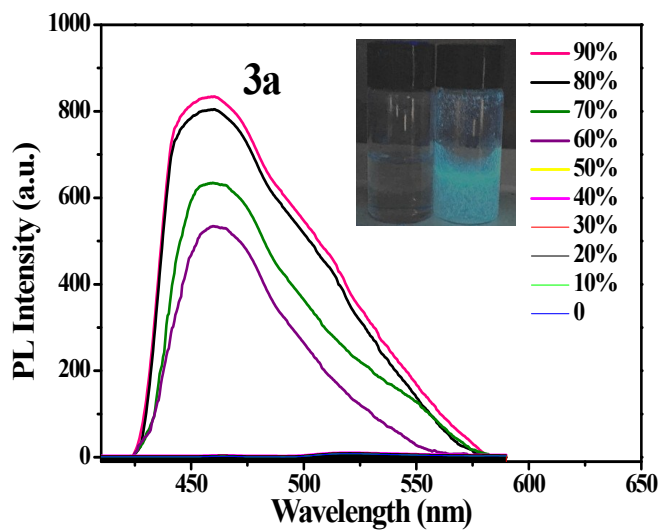


Fig. S5

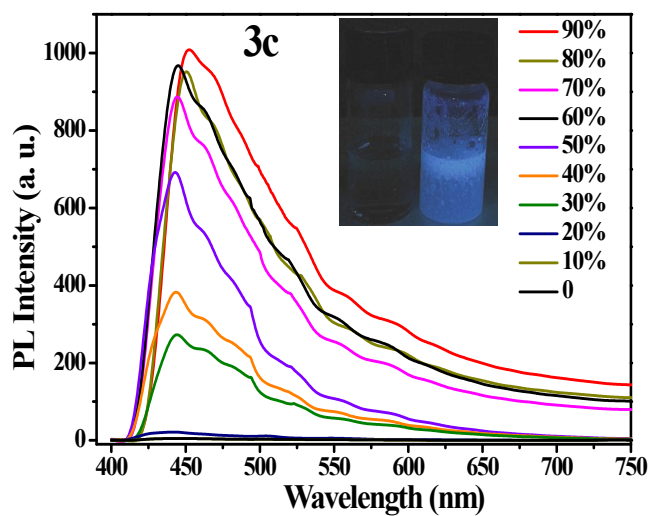


Fig. S6

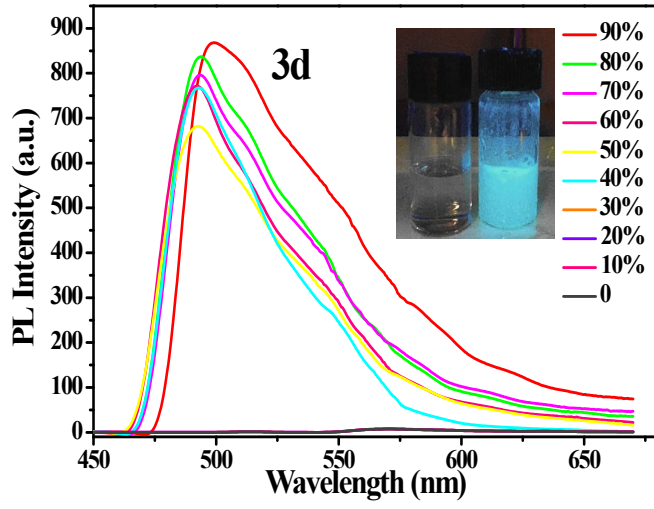


Fig. S7

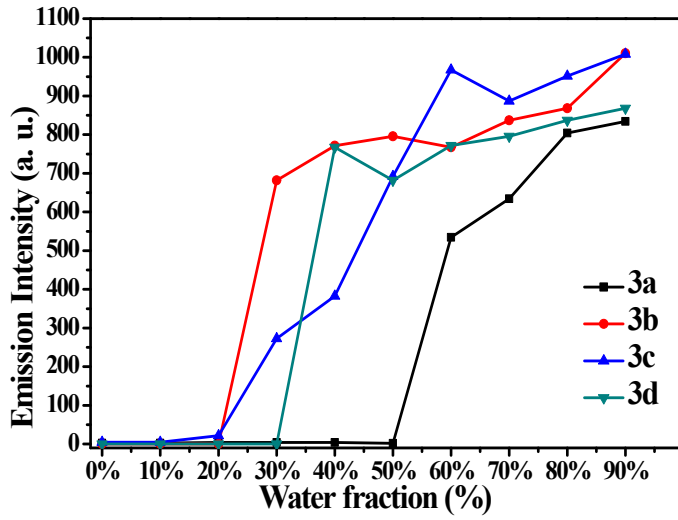


Fig. S8

