Supporting information

Supramolecular light-emitting polymers for Solution-Processed Optoelectronic Devices

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\(^1\text{H} \text{NMR spectra of equimolar of 1 and 2.}

Fig. S1 The stacked \(^1\text{H} \text{NMR spectra (400 MHz, CDCl}_3/\text{CD}_3\text{CN, 1/1, v/v, 22 }^\circ\text{C) of solutions of 1 and 2 at different concentrations: a) 1, i) 2, and equimolar solutions of 1 and 2 at concentrations of b) 1, c) 2, d) 5, e) 10, f) 20, g) 30, 15 and h) 100 mM.}
Fig. S2 $^1$H NMR spectra of 5 in CDCl$_3$.

Fig. S3 $^{13}$C NMR spectra of 5 in CDCl$_3$. 
Fig. S4 $^1$H NMR spectra of host 1 in CDCl$_3$.

Fig. S5 $^{13}$C NMR spectra of host 1 in CDCl$_3$. 
Fig. S6 MALDI-TOF MS spectra of host 1. Assignment of main peaks: m/z [M]⁺ 2058.90, [M + Na]⁺ 2081.88.
Fig. S7 $^1$H NMR spectra of 7 in CDCl$_3$.

Fig. S8 $^{13}$C NMR spectra of 7 in CDCl$_3$. 
Fig. S9 $^1$H NMR spectra of 8 in CDCl$_3$.

Fig. S10 $^{13}$C NMR spectra of 8 in CDCl$_3$. 
**Fig. S11** $^1$H NMR spectra of 9 in CDCl$_3$.

**Fig. S12** $^{13}$C NMR spectra of 9 in CDCl$_3$. 
Fig. S13 $^1$H NMR spectra of guest 2 in DMSO.

Fig. S14 $^{13}$C NMR spectra of guest 2 in CD$_3$COCD$_3$. 
Fig. S15 MALDI-TOF MS spectra of guest 2. Assignment of main peaks: m/z 1556.96 [M – 2 PF₆]⁺.
Fig. S16 $^1$H NMR spectra of host 3 in CDCl$_3$.

Fig. S17 $^{13}$C NMR spectra of host 3 in CDCl$_3$. 
Fig. S18 MALDI-TOF MS spectra of host 3. Assignment of main peaks: m/z [M]+ 1805.01, [M + Na]+ 1828.00, [M + K]+ 1843.98.