

Supporting information

A supramolecular large band gap host for phosphorescent polymer light-emitting diodes

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¹H NMR spectra of equimolar of 1 and 2.

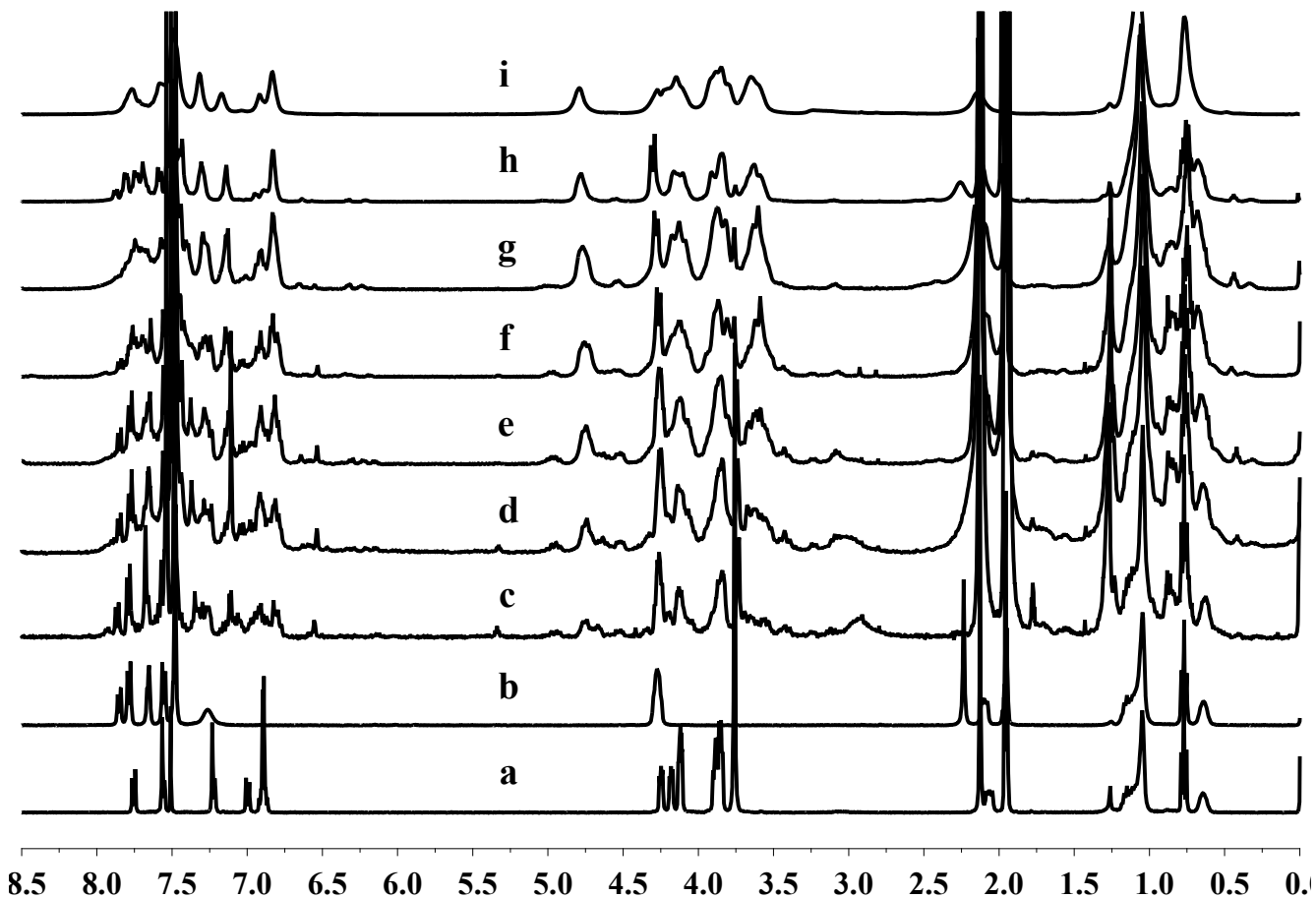


Fig. S1 The stacked ¹H NMR spectra (400 MHz, CDCl₃/CD₃CN 1/1, v/v, 25 °C) of solutions of 1 and 2 at different concentrations: a) 1, b) 2, and equimolar solutions c) 1, d) 2, e) 5, f) 10, g) 25, h) 50, and i) 200 mM. u: uncomplexed monomer, c: cyclic polymer, and l: linear supramolecular polymer.

Table S1 Viscosity at different concentrations of **SP 3**.

C (mM)	μ_1 (cP)	μ_2 (cP)	μ_3 (cP)
1	0.48	0.47	0.48
2.5	0.49	0.50	0.49
5	0.50	0.50	0.49
10	0.52	0.53	0.52
20	0.62	0.60	0.61
30	0.98	1.00	1.01
50	2.01	1.99	2.00
150	18.8	18.7	19.0

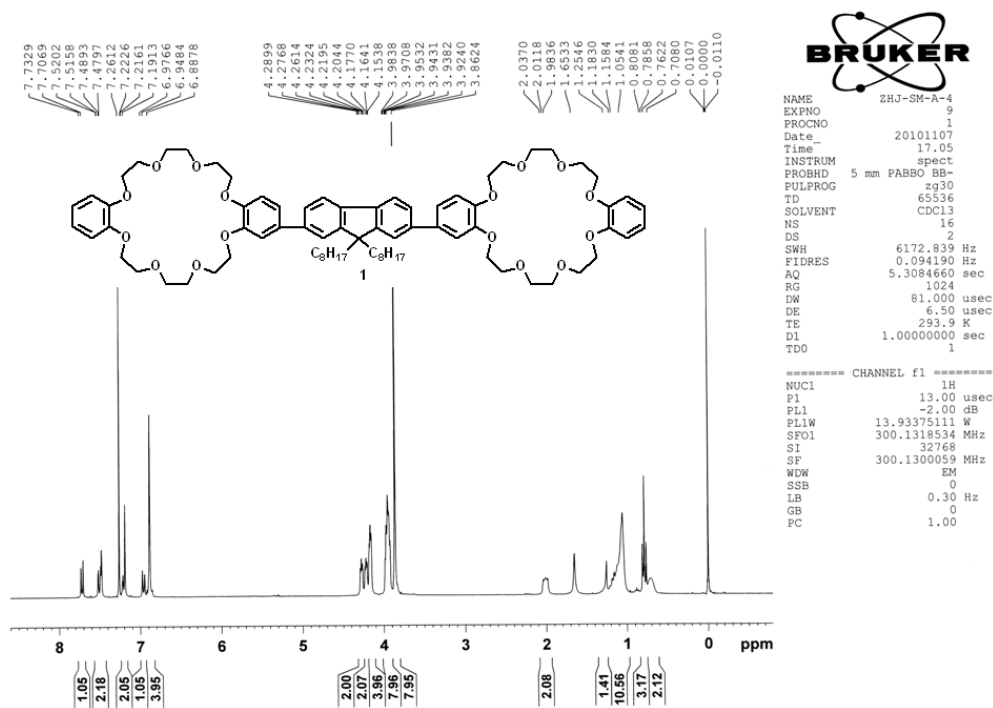


Figure S2. ^1H NMR spectra of **1** in CDCl_3 .

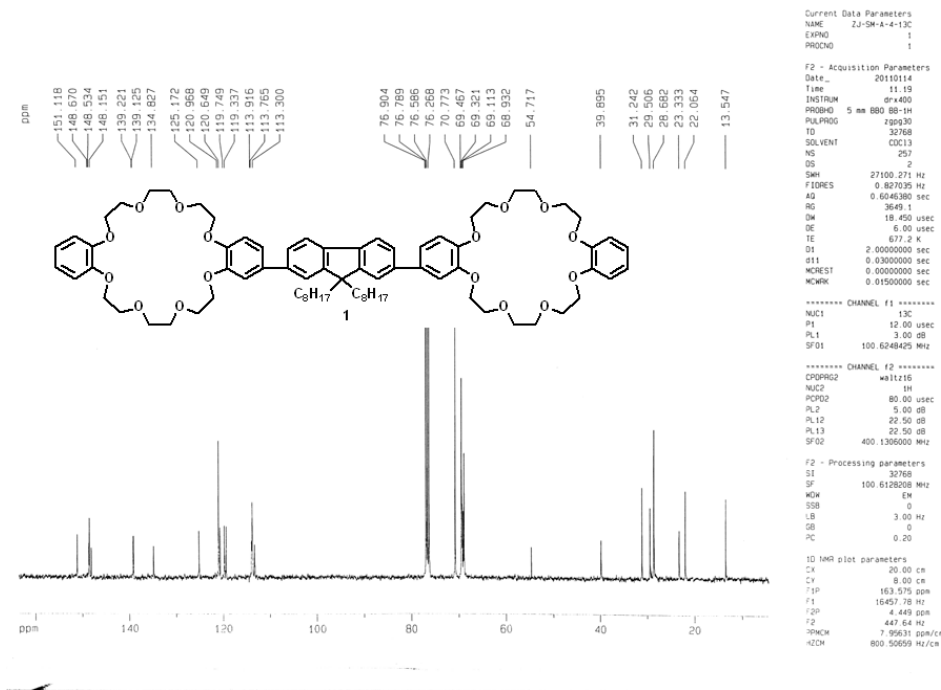


Figure S3. ^{13}C NMR spectra of **1** in CDCl_3 .

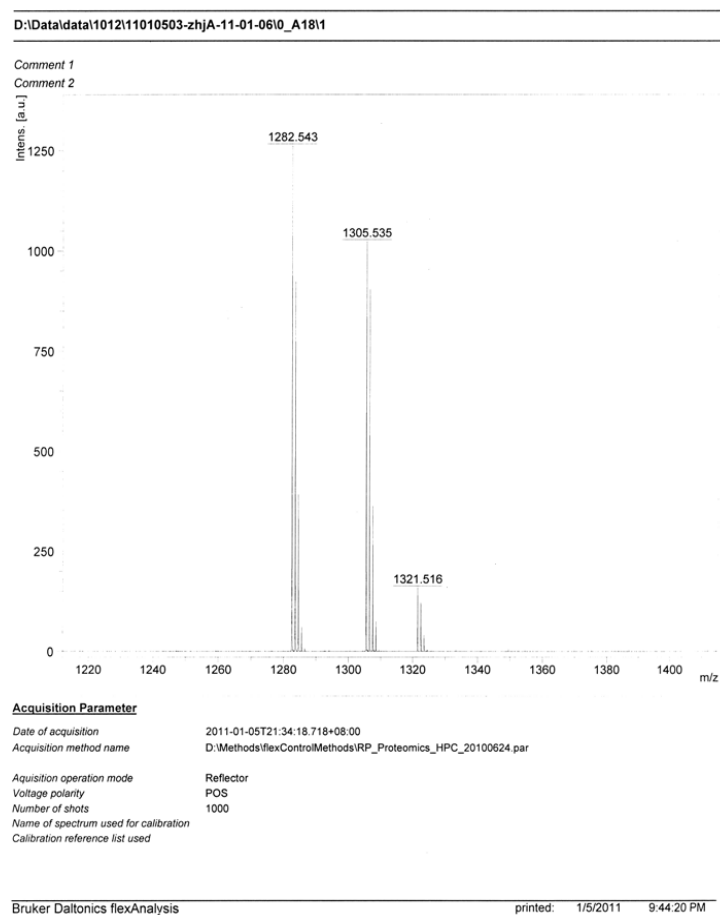


Figure S4. MALDI-TOF MS spectra of **1**. Assignment of main peaks: m/z 1282.54 $[M]^+$, 1305.53 $[M + Na]^+$, 1321.51 $[M + K]^+$.

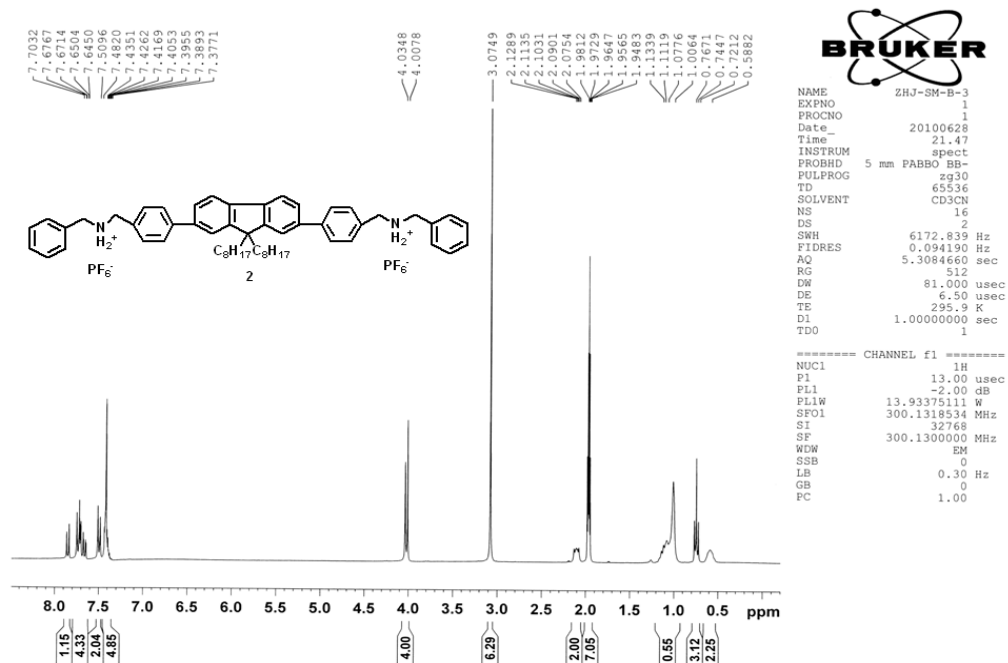


Figure S5. ¹H NMR spectra of **2** in CD₃CN.

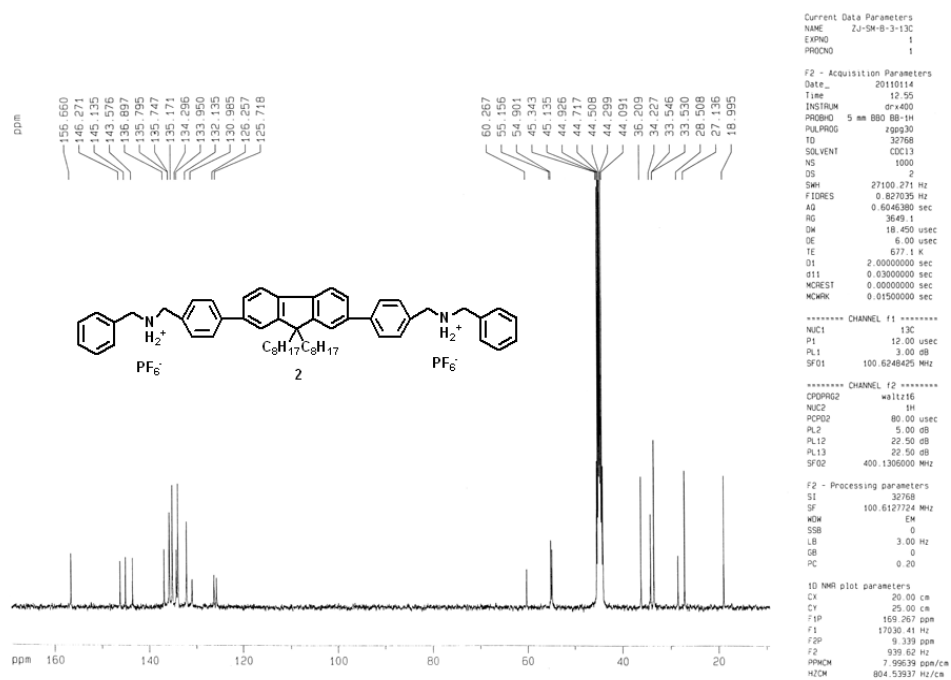


Figure S6. ¹³C NMR spectra of **2** in DMSO.