Supporting Information

N,N'-diaryl-perylene-3,9-diamine derivatives: Synthesis, Characterization and Electroluminescence Properties

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1. Cyclic Voltammetry



Figure S1. The cyclic voltammetry curves of (a) 6a, (b) 6b and (c) 6c.

2. DSC Thermographs



Figure S2. The DSC thermographs of **6c** (1^{st} and 2^{nd} heating cycles measured at a heating rate of 10°C min⁻¹ in air).



Figure S3. The DSC thermographs of **6b** (1st, 2nd, 3rd and 4th heating cycles measured at a heating rate of 10 °Cmin⁻¹ in air). Between the 2nd and the 3rd heating run, a 20 minutes holdup time at -20 °C was applied.



Figure S4. ΔH_m versus holdup time at -20 °C, and the theoretic ΔH_m at infinite holdup time (dashed line).

3. NMR Spectra



Figure S5. ¹H NMR spectrum of 6a, recorded in DMSO-d₆.



Figure S6. ¹H NMR spectrum of 6b, recorded in DMSO-d₆.



Figure S7. ¹H NMR spectrum of 6c, recorded in CDCl₃.

4. Mass Spectra



Figure S8. HRMS (ESI) of 6a.



Figure S9. HRMS (ESI) of 6b.

Mass Spectrum List Report



Figure S10. HRMS (ESI) of 6c.

5. Atomic Force Microscopy images (AFM)



Figure S11. AFM micrographs of thin-films of compounds (a) **6a**, (b) **6b** and (c) **6c**, all exhibiting very smooth surfaces with roughnesses $R_q = 1.5$ nm.