Electronic Supplementary Information

Solid-State Luminescence of Tetraphenylpyrene Derivatives: Mechano / Vapochromic Luminescence of 1,3,6,8-Tetra(4'-carboxyphenyl)pyrene

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Fig. S1. Emission spectra of the powdery solid and a thin film of 3.

Fig. S2. The XRD and DSC profiles of 3.

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Fig. S3. Solid-state absorption and luminescence spectra of 1–3 after being ground.

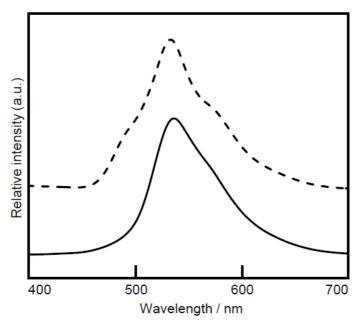


Fig. S1. Emission spectra of (---) the powdery solid and (---) a thin film of 3.

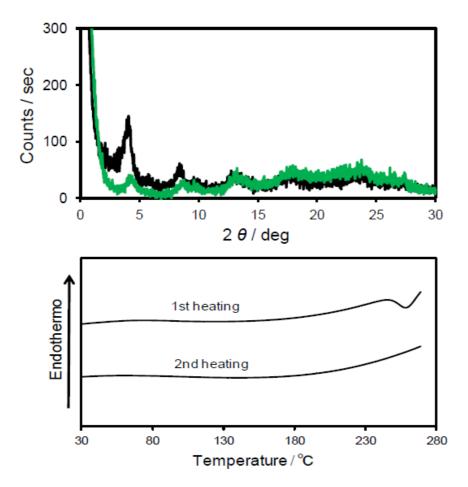


Fig. S2. Upper: The XRD profiles of **3** before (black) and after (green) being ground. Lower: The DSC profiles of **3**.

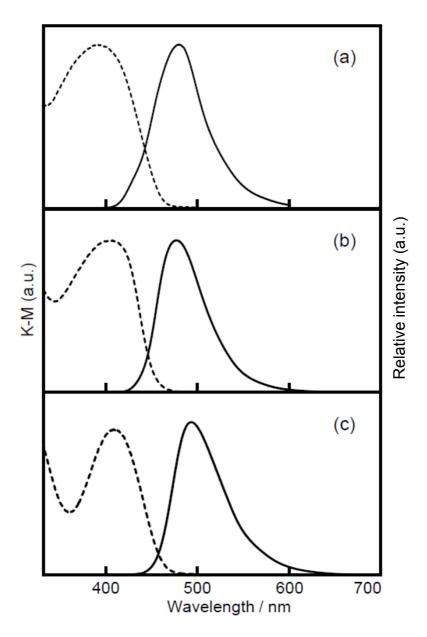


Fig. S3. Solid-state absorption and luminescence spectra of (a) 1, (b) 2, and (c) 3 after being ground.