

Supporting Information

Switching of Circularly Polarised Luminescence in Perylene-Diimide-Based Chiral Liquid Crystals Induced by Electric Fields and Heating

Daiya Suzuki,^a Seika Suzuki,^a Kosuke Kaneko,^b Tomonori Hanasaki,^b Motohiro Shizuma^c and Yoshitane Imai^{*a}

[^a] Department of Applied Chemistry, Faculty of Science and Engineering, Kindai University, 3-4-1 Kowakae, Higashi-Osaka, Osaka 577-8502, Japan.

[^b] Department of Applied Chemistry, College of Life Sciences, Ritsumeikan University, 1-1-1 Nojihigashi, Kusatsu, Shiga 525-8577, Japan.

[^c] Morinomiya Center, Osaka Research Institute of Industrial Science and Technology, 1-6-50 Morinomiya, Joto-ku, Osaka 536-8553, Japan.

Corresponding author email: (Y.I.) y-imai@apch.kindai.ac.jp.

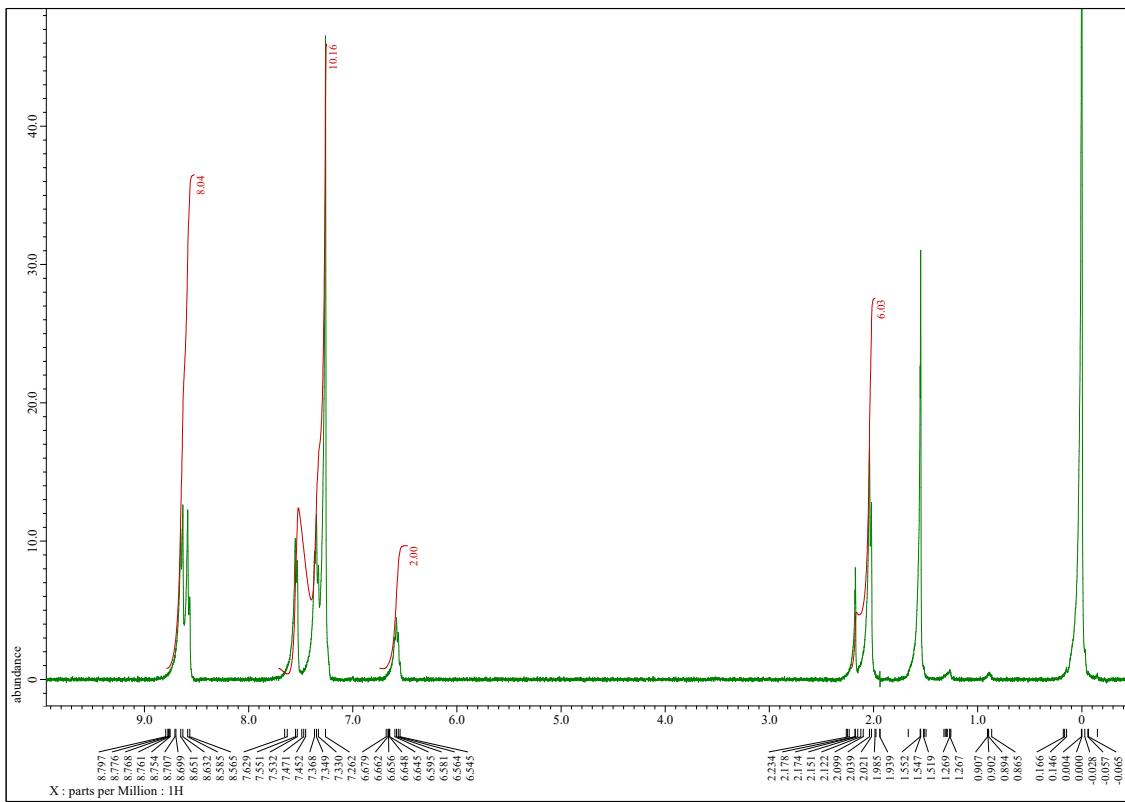


Figure SI-1. ¹H-NMR spectrum of (*R,R*)-BPP (400 MHz, CDCl₃, 298 K, Me₄Si).

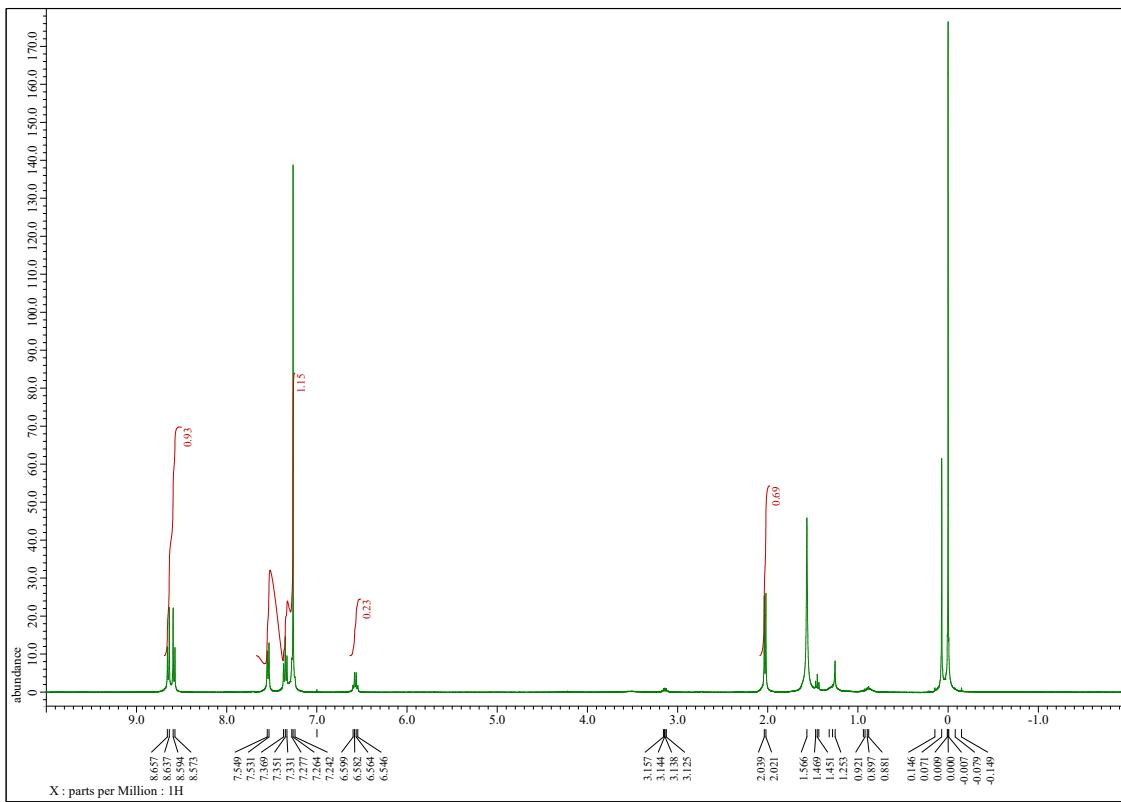


Figure SI-2. ¹H-NMR spectrum of (S,S)-BPP (400 MHz, CDCl₃, 298 K, Me₄Si).

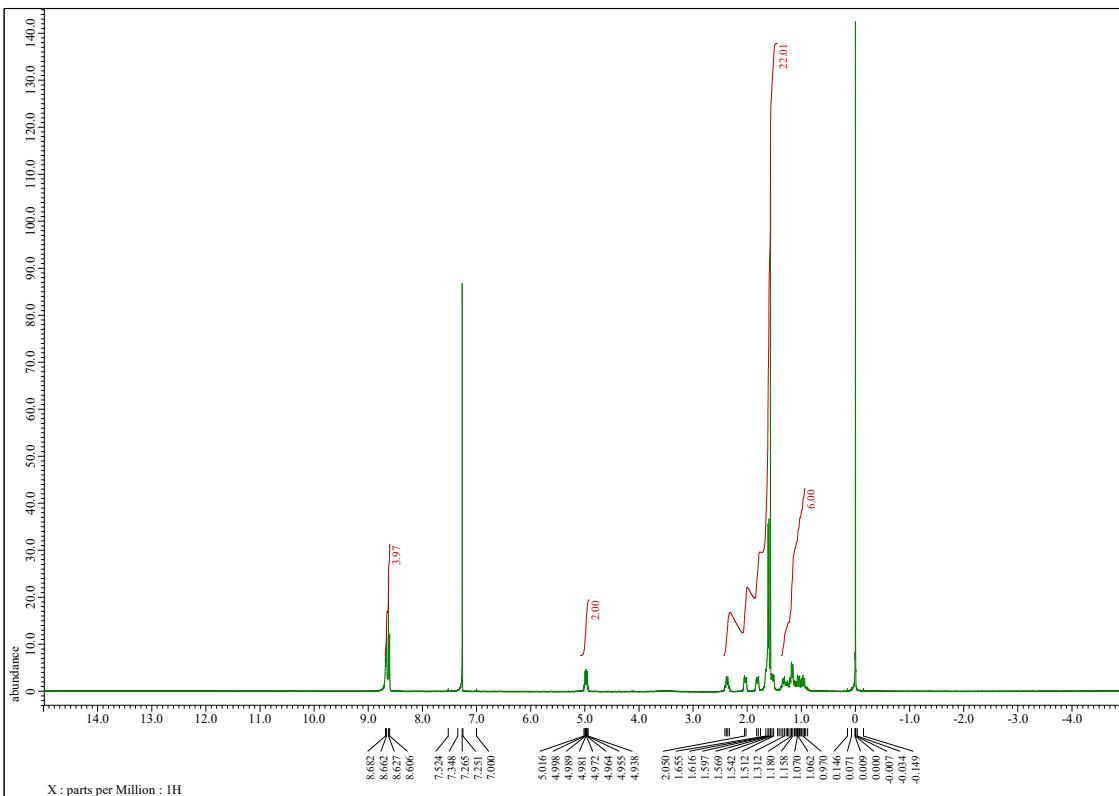


Figure SI-3. ¹H-NMR spectrum of (*R,R*)-CPDI (400 MHz, CDCl₃, 298 K, Me₄Si).

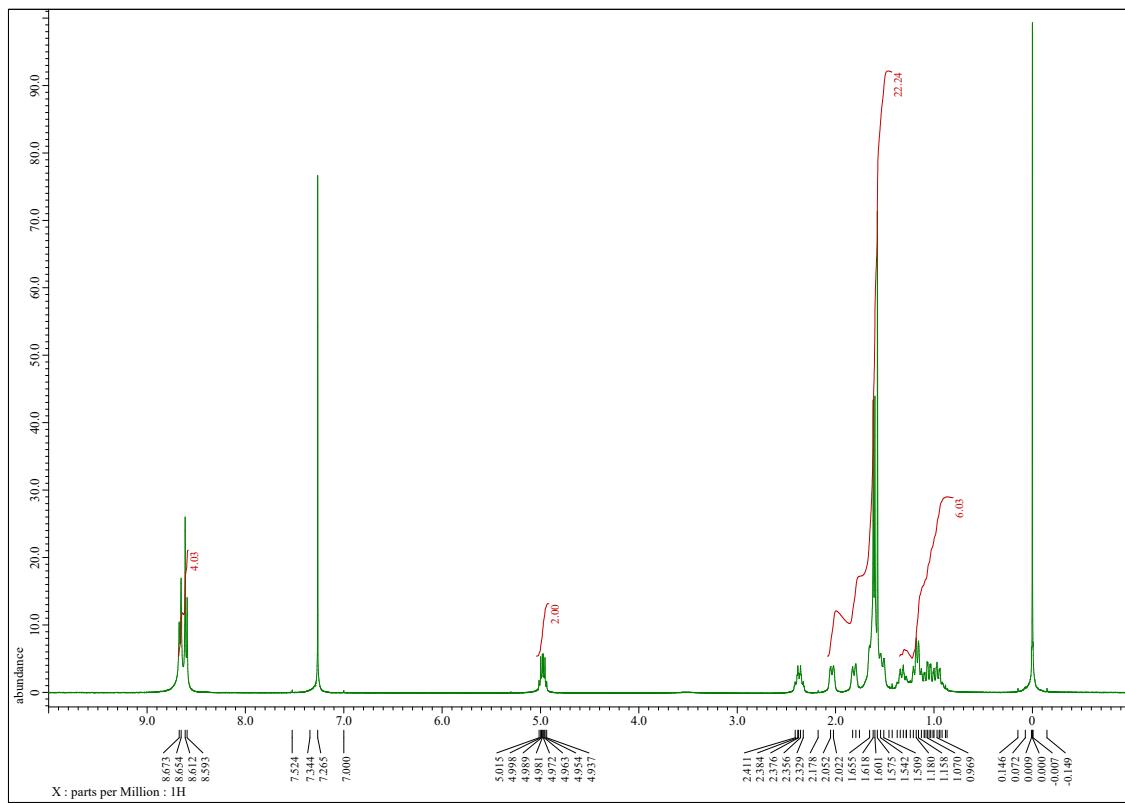


Figure SI-4. ¹H-NMR spectrum of (S,S)-CPDI (400 MHz, CDCl₃, 298 K, Me₄Si).