

# Helical Columnar Liquid Crystalline Based on Dendritic Peptides Substituted Perylene Bisimides

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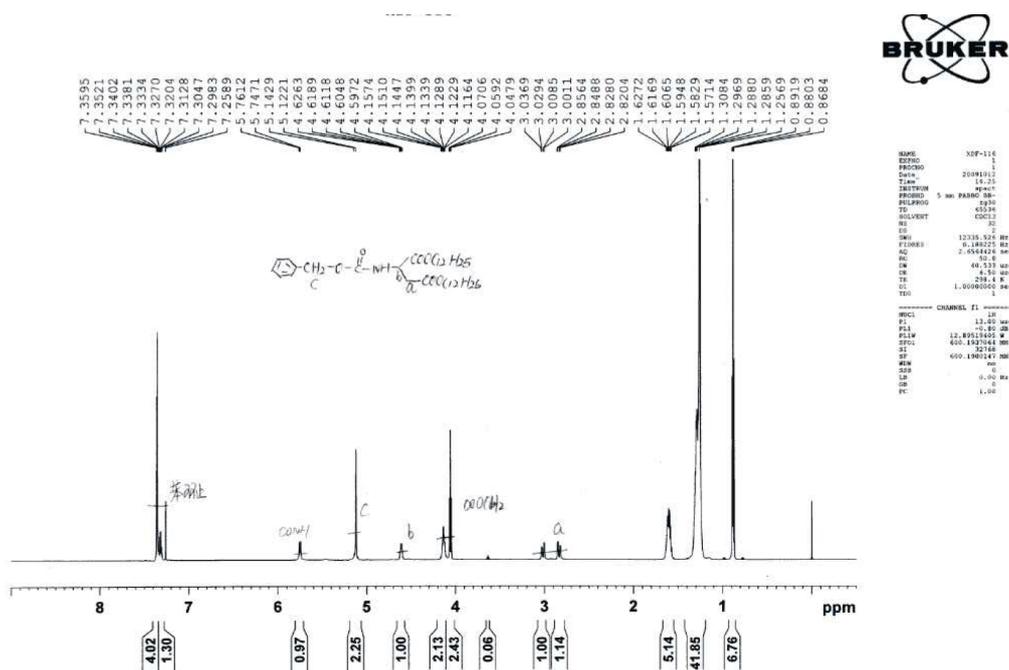
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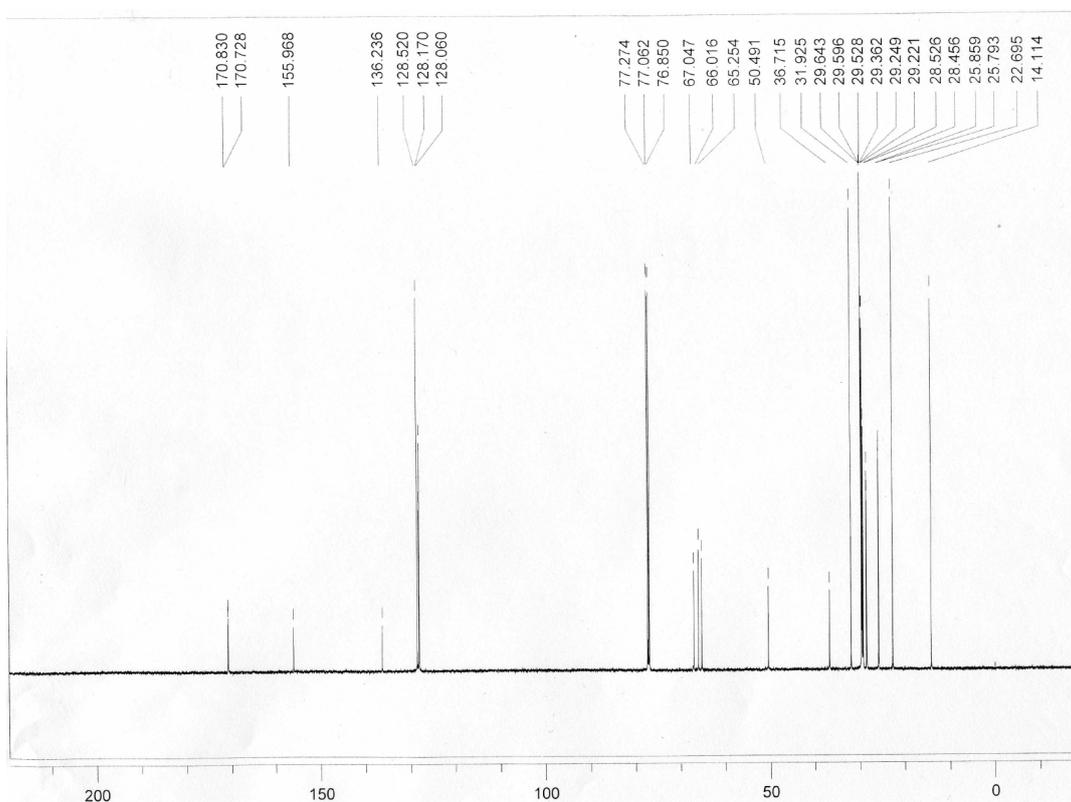
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**2. Additional Figures**



<sup>1</sup>H-NMR spectrum of compound 2 in CDCl<sub>3</sub>

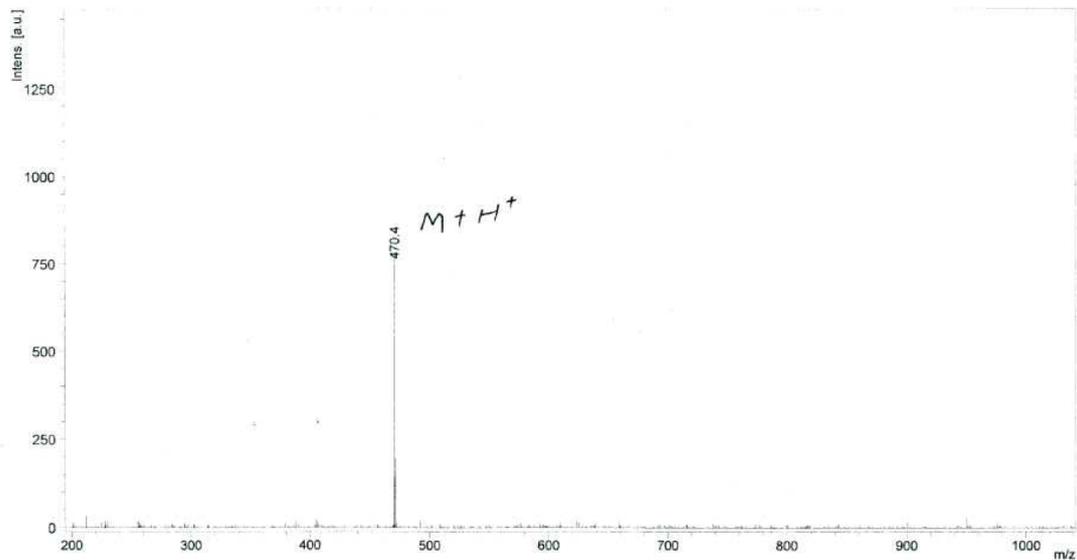


<sup>13</sup>C-NMR spectrum of compound 2 in CDCl<sub>3</sub>



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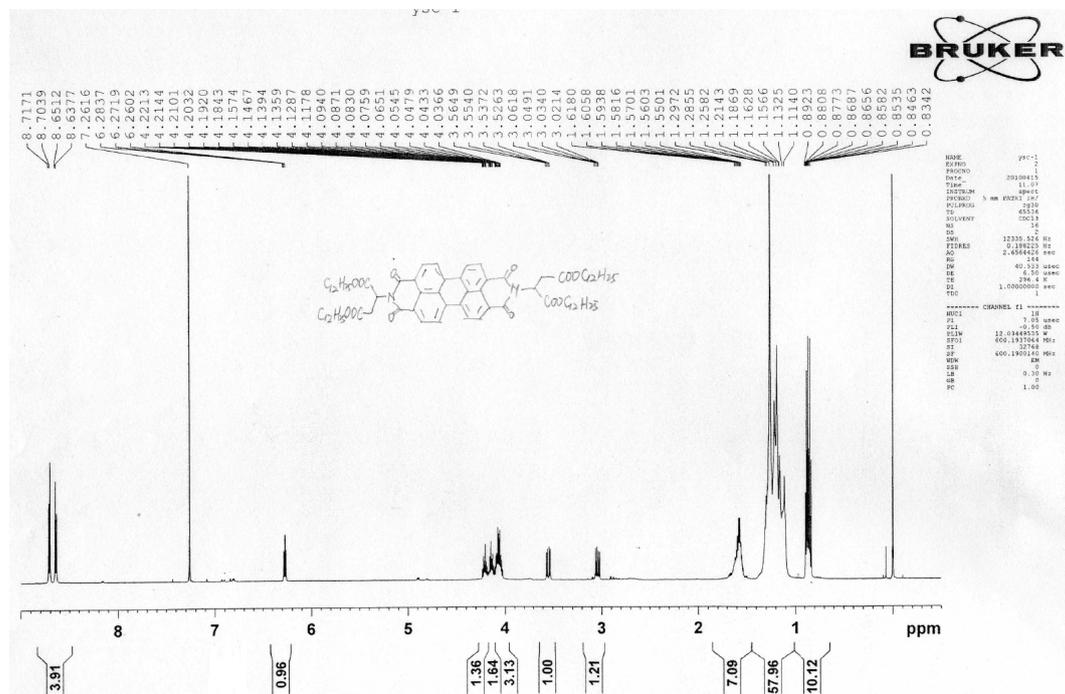
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 Comment 2



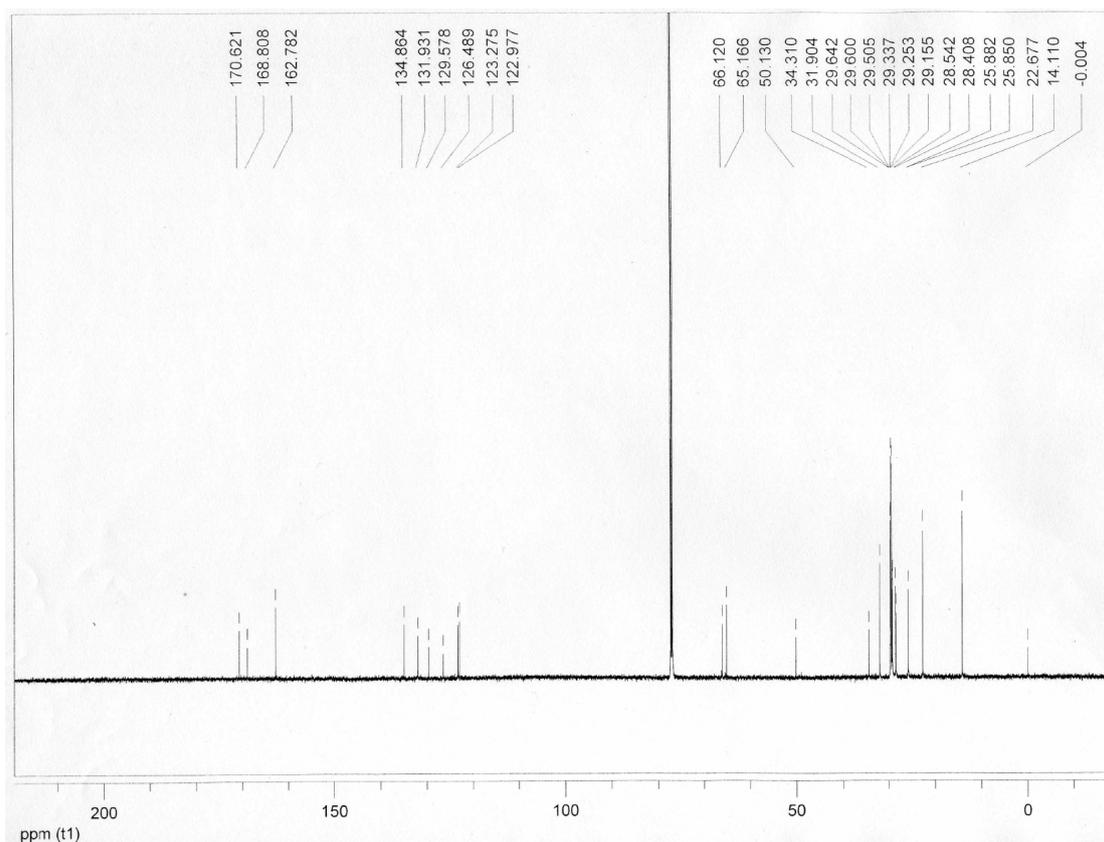
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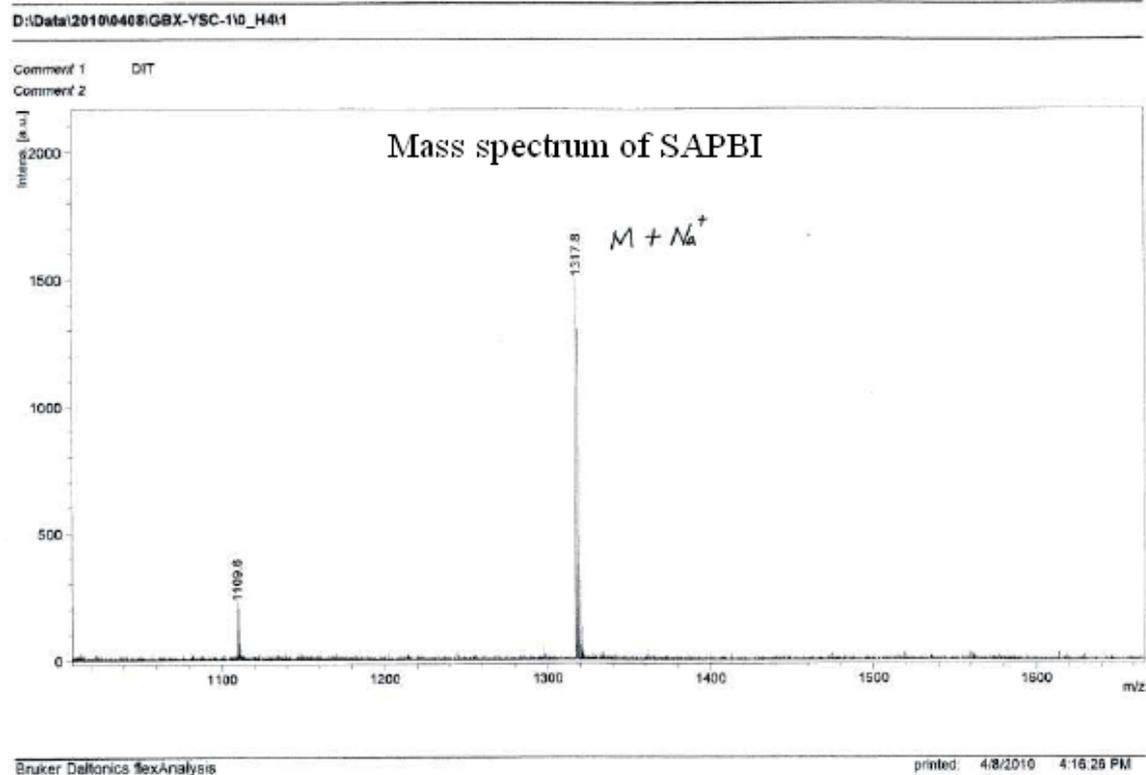
MALDI-TOF spectrum of compound 3



<sup>1</sup>H-NMR spectrum of compound SAPBI in CDCl<sub>3</sub>

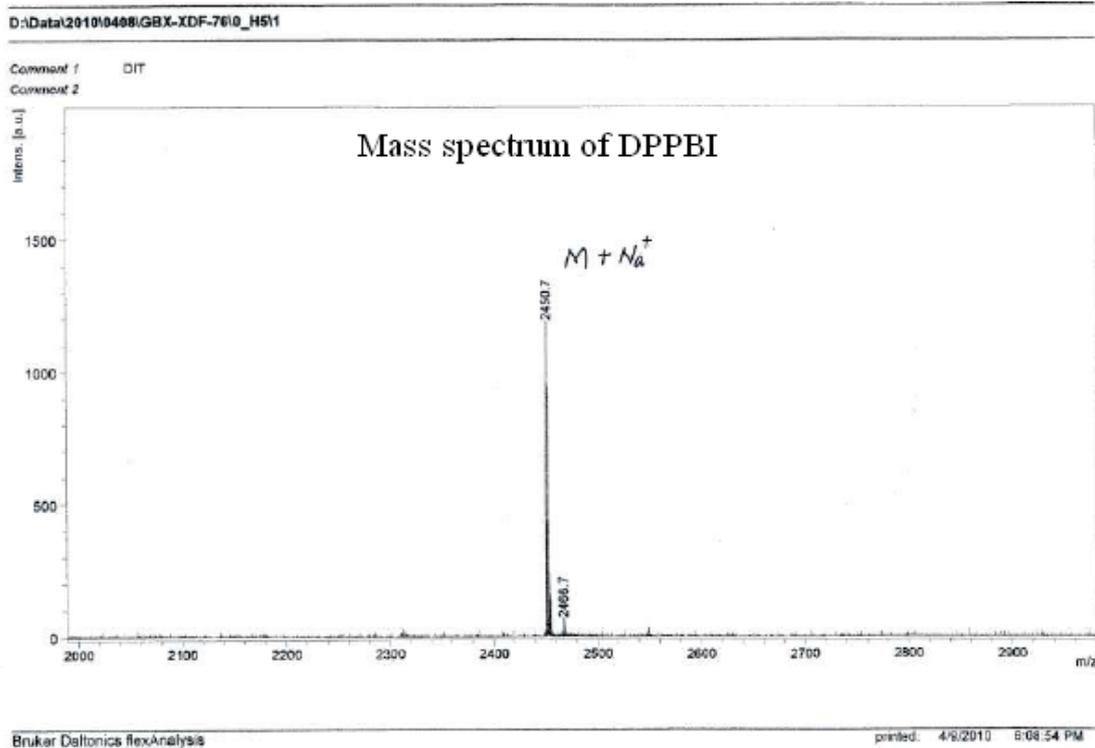


$^{13}\text{C}$ -NMR spectrum of compound **SAPBI** in  $\text{CDCl}_3$



MALDI-TOF spectrum of compound **SAPBI**





MALDI-TOF spectrum of compound **DPPBI**

#### 4 Additional Figures

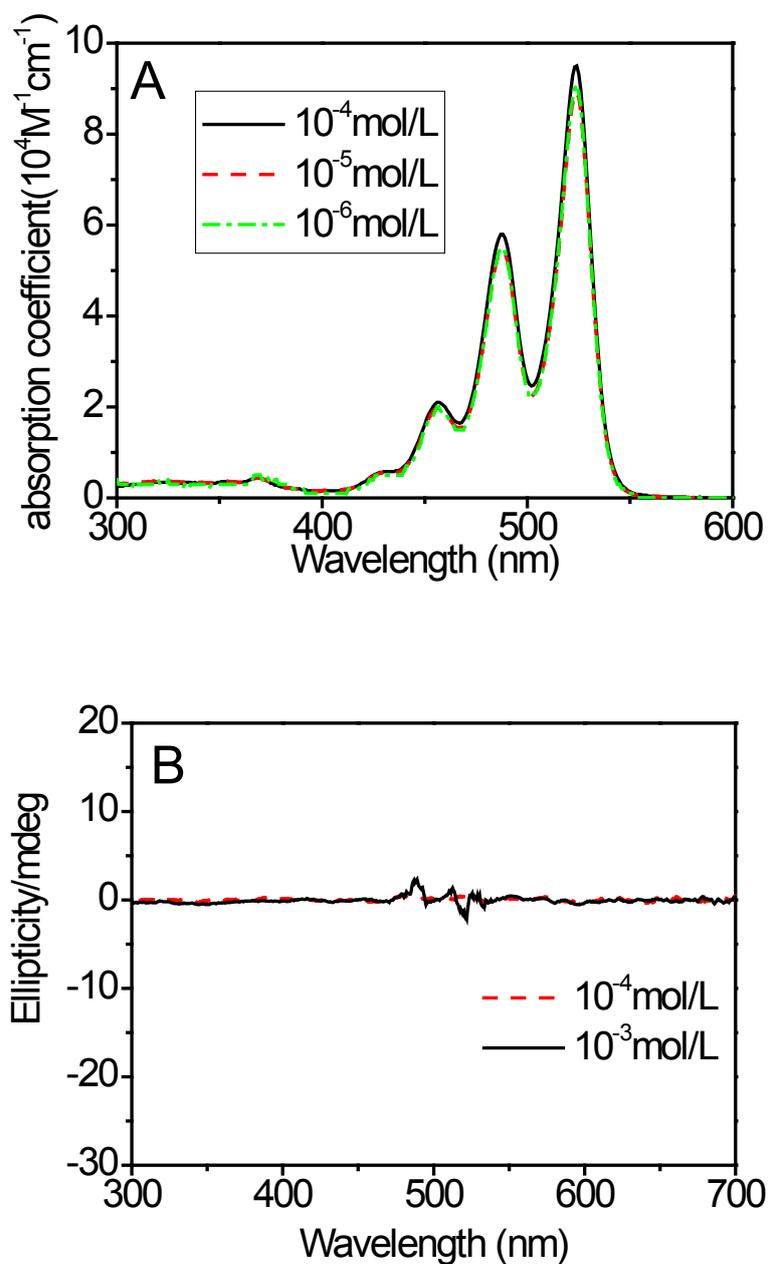


Figure S1 Concentration-dependent UV-vis spectra of **DPPBI** (A) and Concentration-dependent CD spectra of **DPPBI** (B) in 1,4-dioxane at 20°C

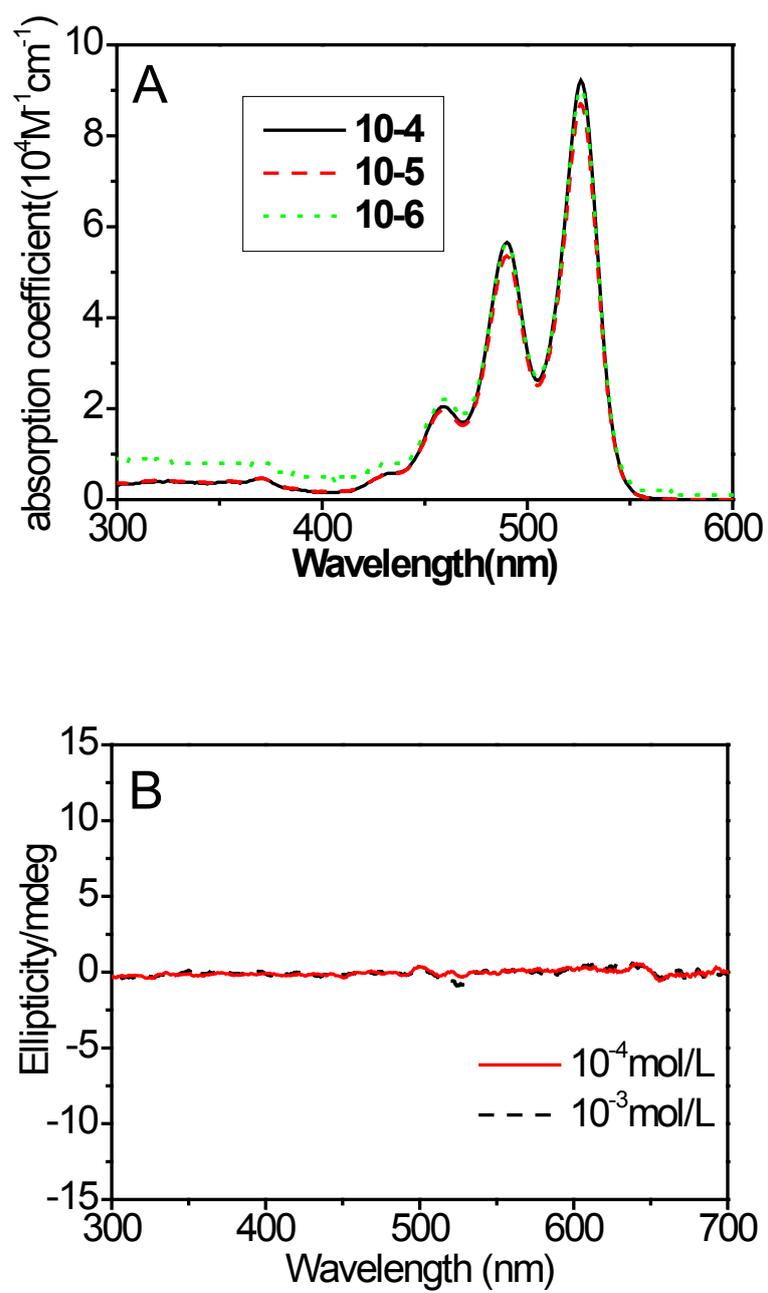


Figure S2 Concentration-dependent UV-vis spectra of **DPPBI** (A) and Concentration-dependent CD spectra of **DPPBI** (B) in DMF at 20°C

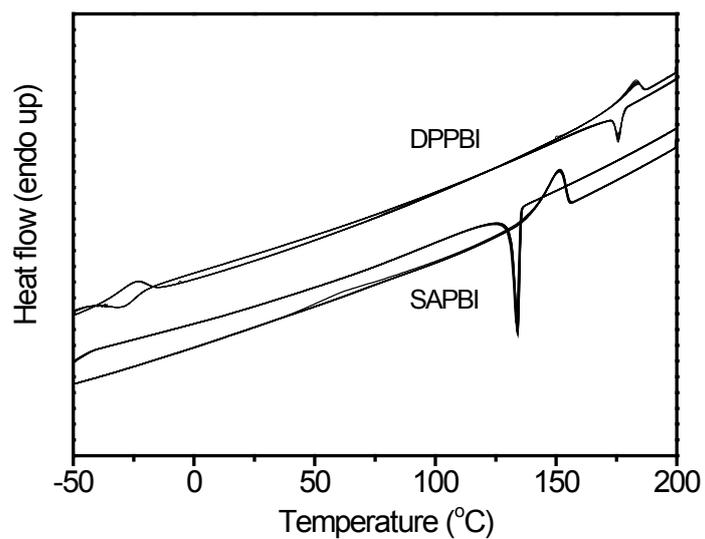


Figure S3 Ten cycle differential scanning thermograms of **SAPBI** and **DPPBI**

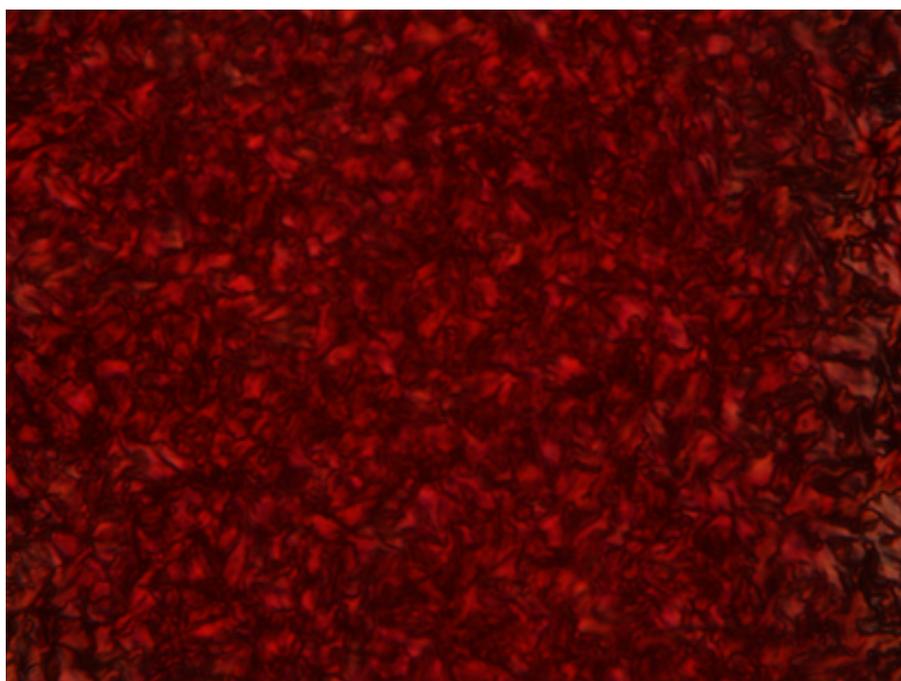


Figure S4 Polarized optical micrographs of SAPBI at 20 °C



Figure S5 Polarized optical micrographs of DPPBI at 20°C