

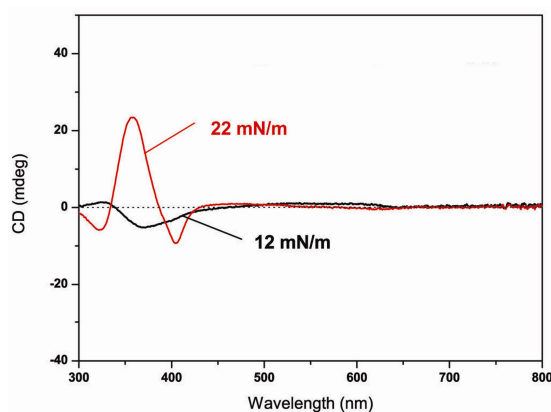
## Supplementary data

### Chiroptical Switch Based on Azobenzene-Substituted Polydiacetylene LB Films under Thermal and Photic Stimuli

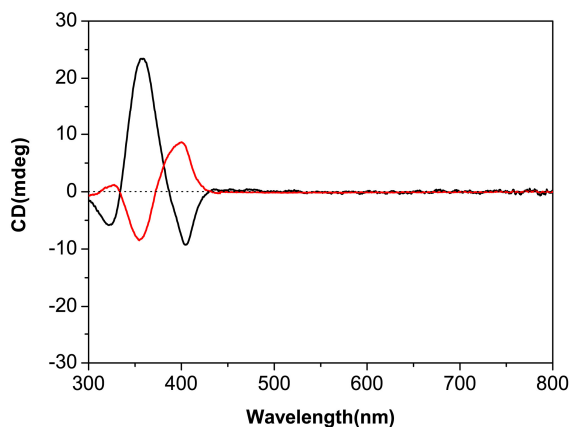
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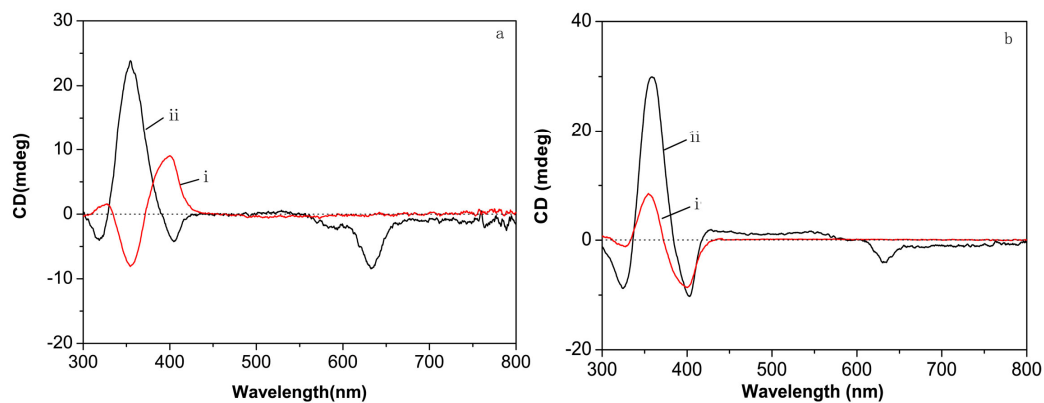
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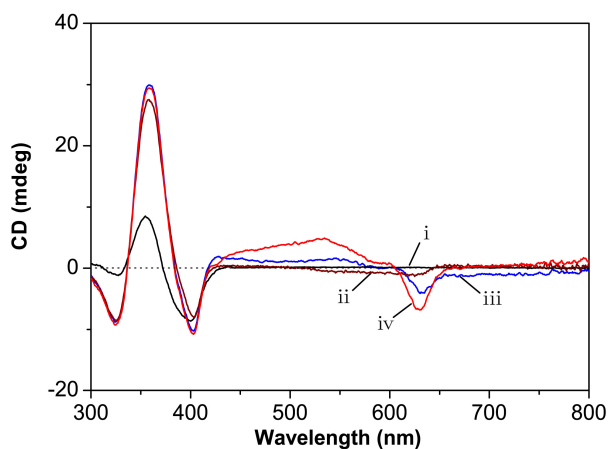
**Figure S1.** CD spectra of NADA LB films deposited at 12 mN/m and 22 mN/m.



**Figure S2.** CD spectra of NADA LB films deposited at 22 mN/m in different batches. The substrates are fused silica.



**Figure S3.** CD spectra of (i) NADA LB films deposited at 22 mN/m in different batches with opposite CD signals and (ii) PNADA LB films polymerized by left-handed CPUL.



**Figure S4.** CD spectra of PNADA LB film polymerized by left-handed CPUL for 0 (i), 5 (ii), 20 (iii) and 35 min (iv).