Supporting Information

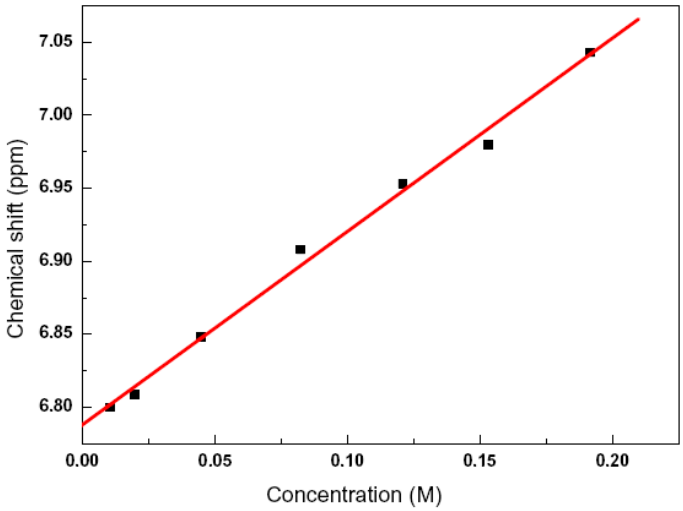

Figure S1 Concentration dependence of the chemical shift of the resonance peak of the amide proton of **St-(*L*)-M** （in $CDCl_3$）as a function of concentration.

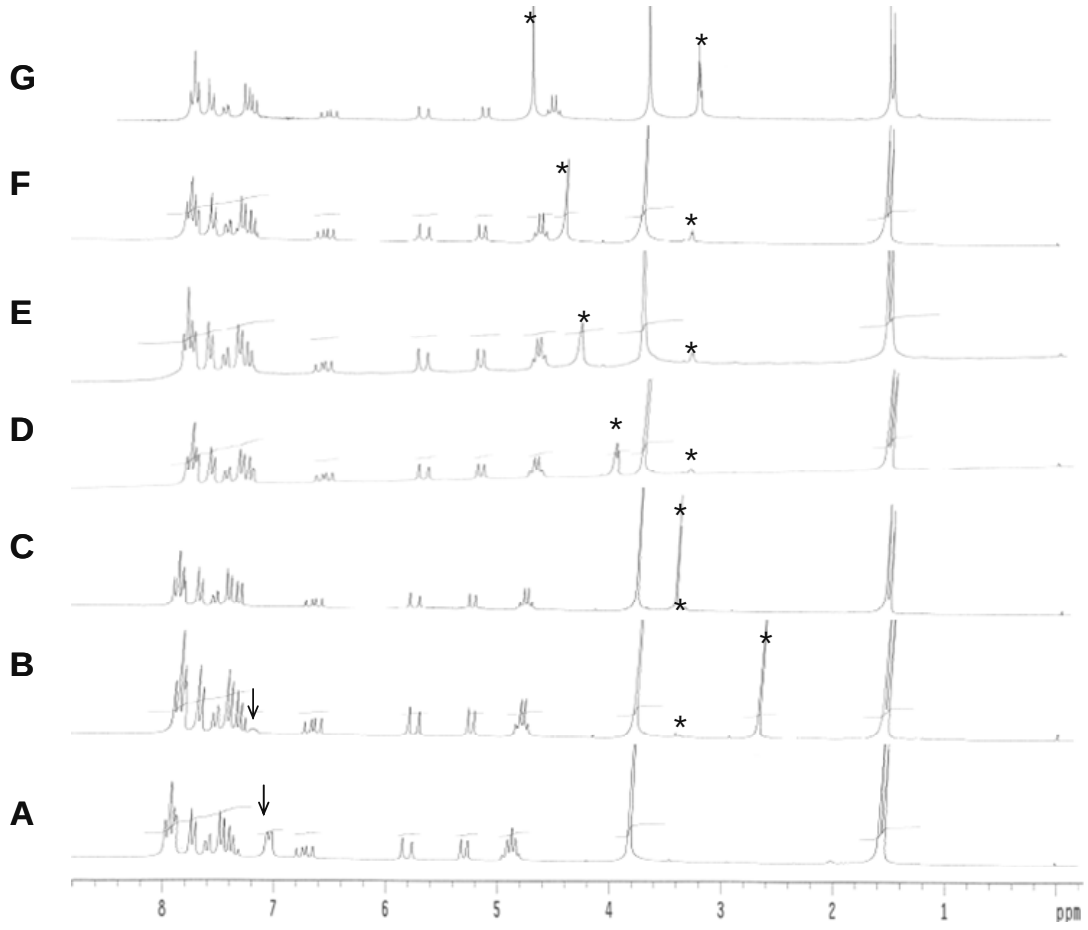

Figure S2 ^{1}H-NMR spectra of methanol-d_4/chloroform-*d* solutions of monomer **St-(*L*)-M** (50mg/mL) with varying ratios of methanol-d_4 (vol%): (A), 0, (B),5, (C), 10, (D), 20, (E), 30, (F), 40, (G), 100. The resonance peaks of the amide proton (CONH) are marked with downward arrows(↓), while those of the solvent are marked with asterisks (*)

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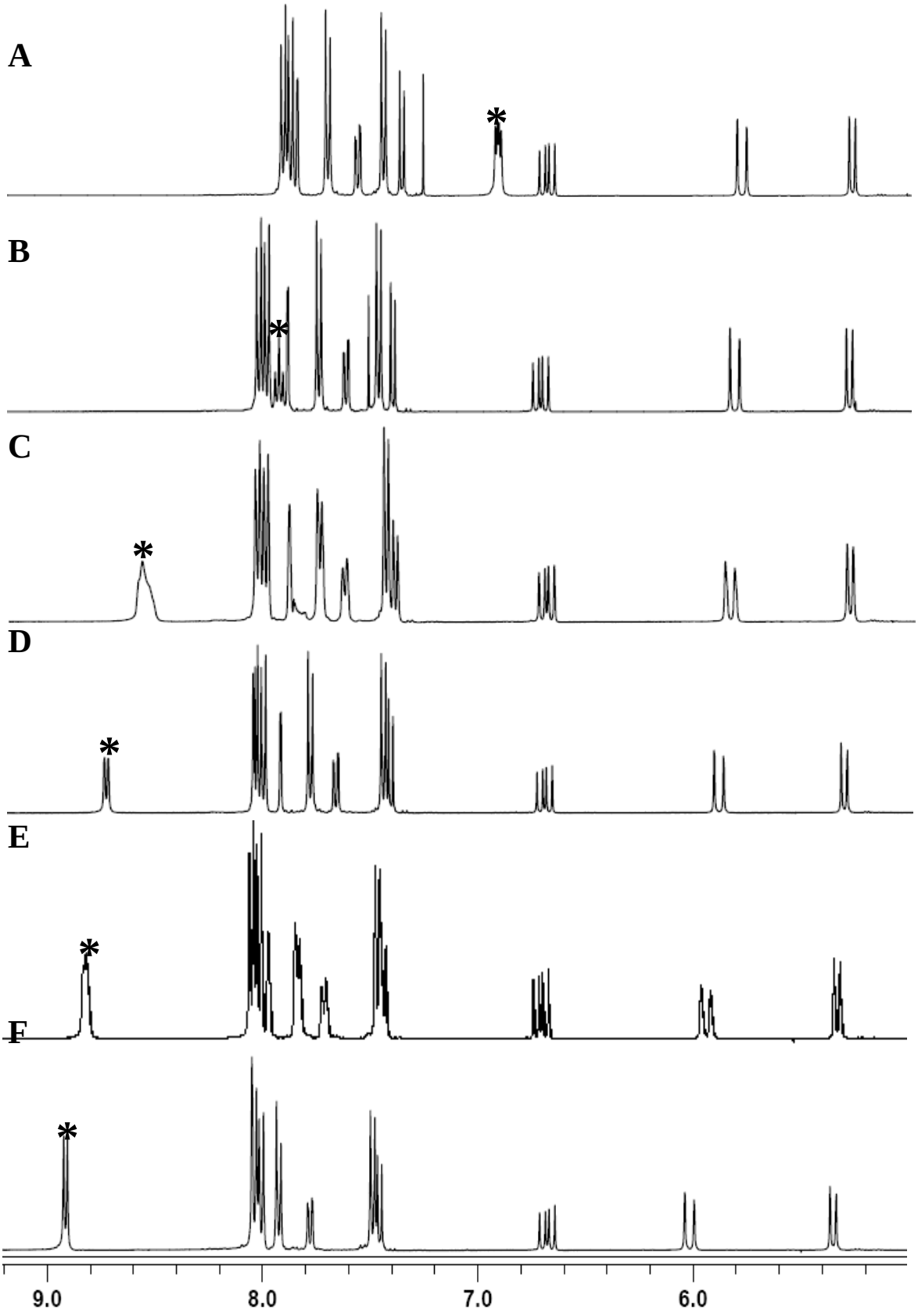

Figure S3 ^{1}H NMR spectra of DMSO-*d*6/chloroform-*d* solutions of **St-(*L*)-M** (50 mg/mL) with varying ratios of DMSO-*d*6 (vol %): (A) 0, (B) 15, (C) 30, (D) 50, (E) 70, and (E) 100. The resonance peaks of the amide (HNCO) protons are respectively marked with asterisks (*)

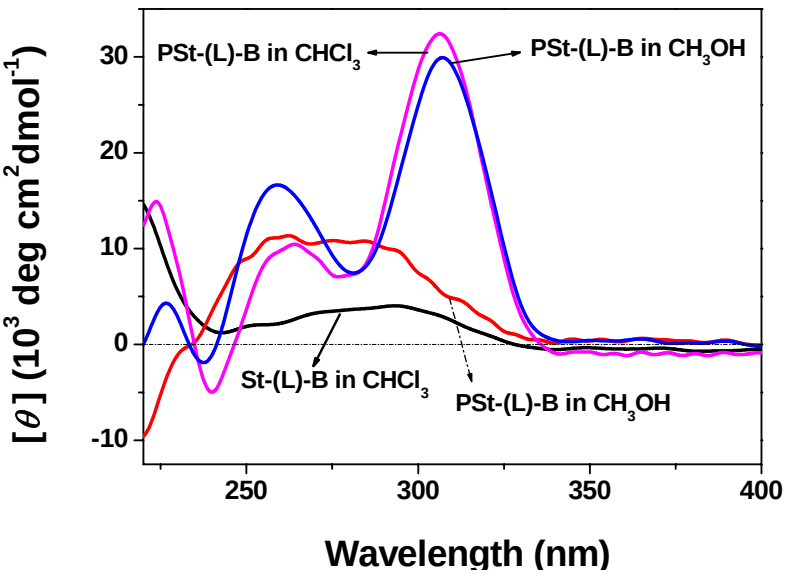

Figure S4 CD spectra of **St-(*L*)-B** and **PSt-(*L*)-B** in methanol or chloroform at 25 ^{o}C with a concentration of 2.0×10^{-5} mol/L.

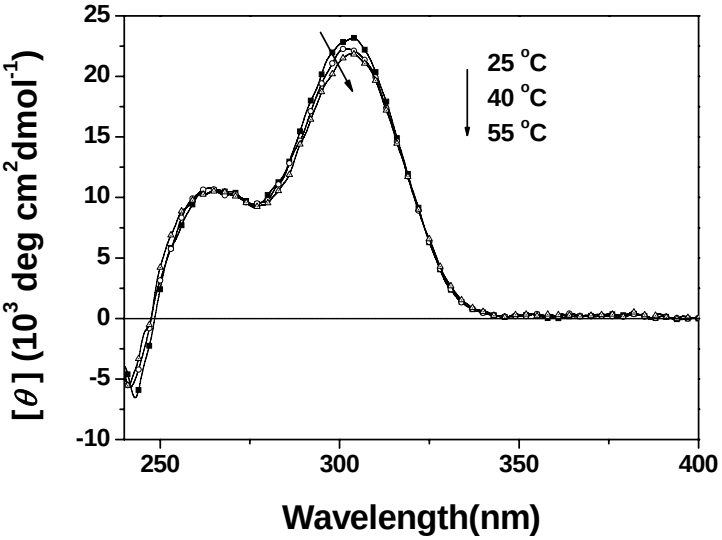

Figure S5 Temperature dependence of CD spectra of **PSt-(*L*)-M** in chloroform solution at a concentration of $2.\times10^{-5}$ mM