

Supporting Information

Synthesis and Tunable Chiroptical Properties of Chiral BODIPY-based D- π -A Conjugated Polymers

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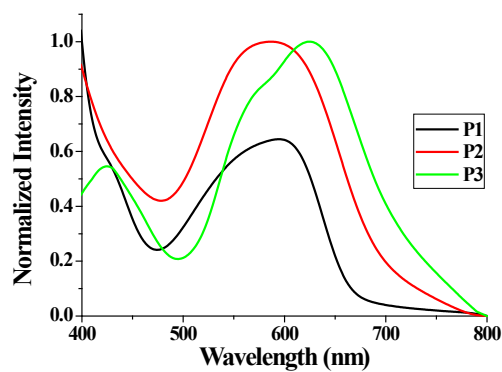


Figure S1. Normalized absorptions of **P1**, **P2**, and **P3** in thin films

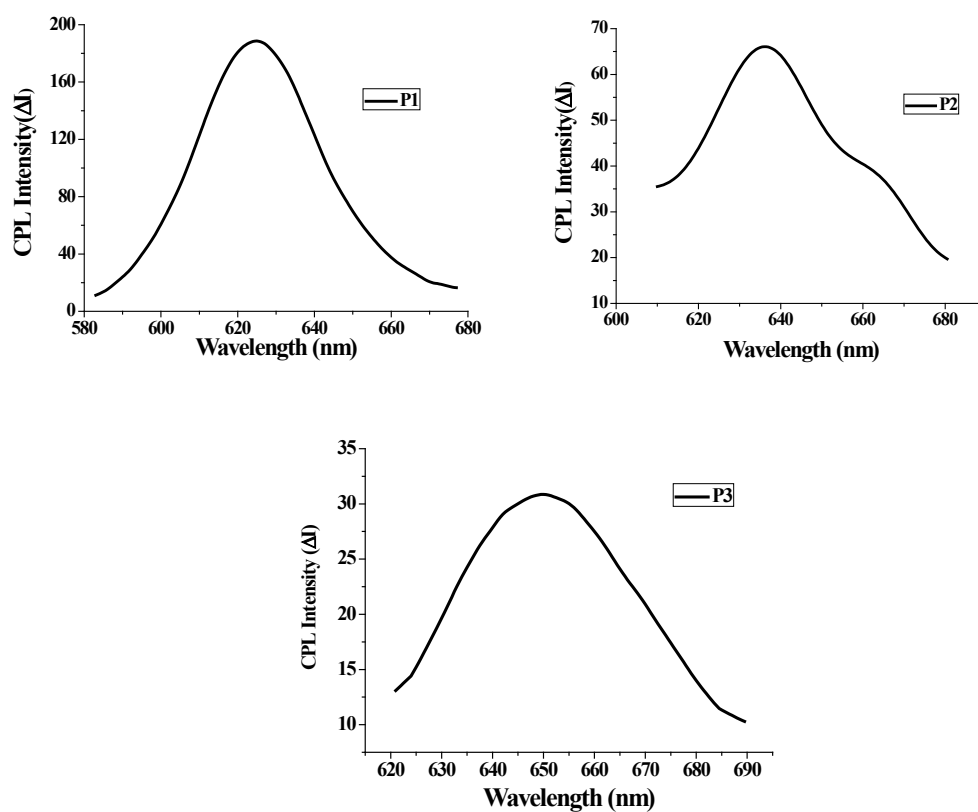


Figure S2. The CPL spectra of **P1**, **P2**, and **P3** in CH_2Cl_2 solution (1.0×10^{-5} mol/L)

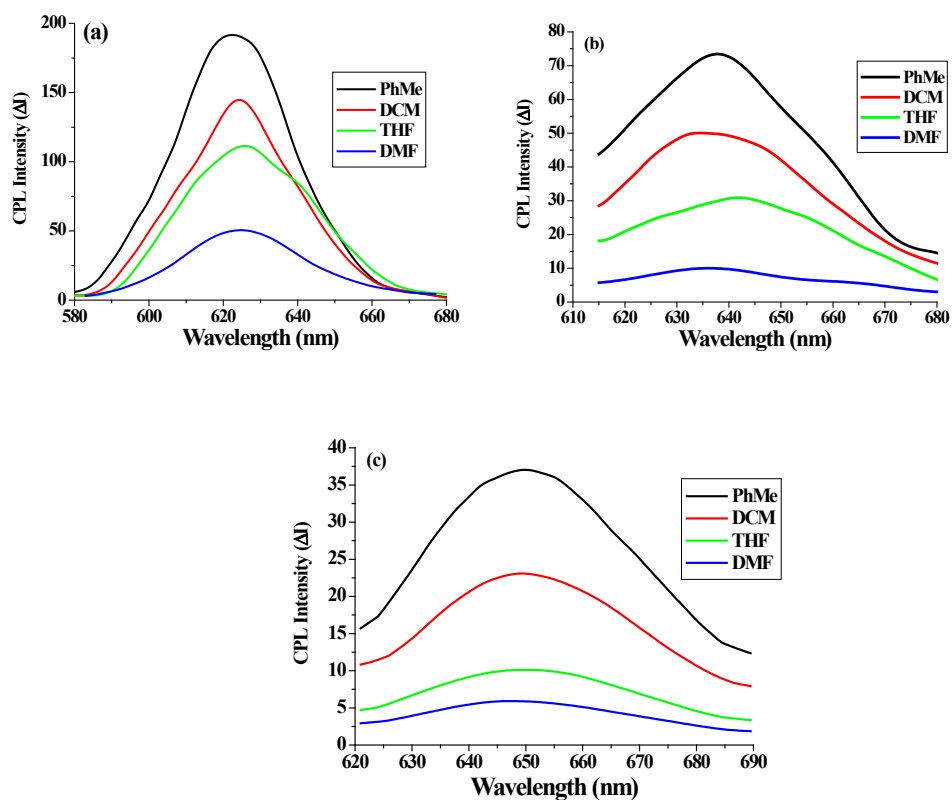


Figure S3. The CPL intensities of **P1** (a), **P2** (b), and **P3** (c) at different solvents

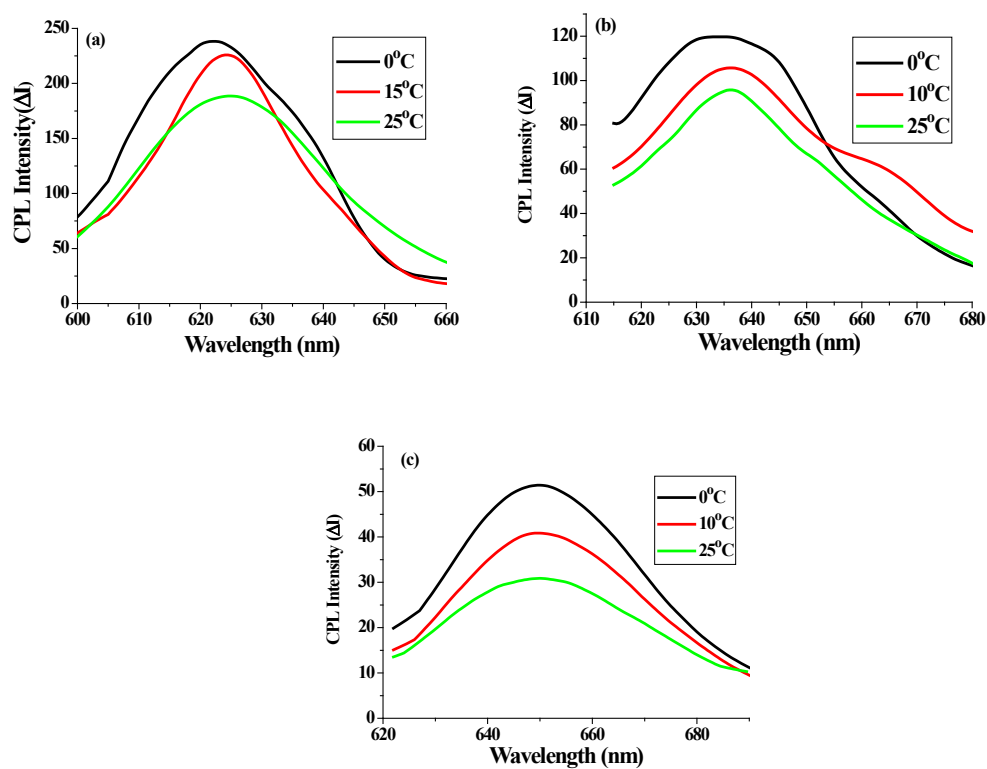
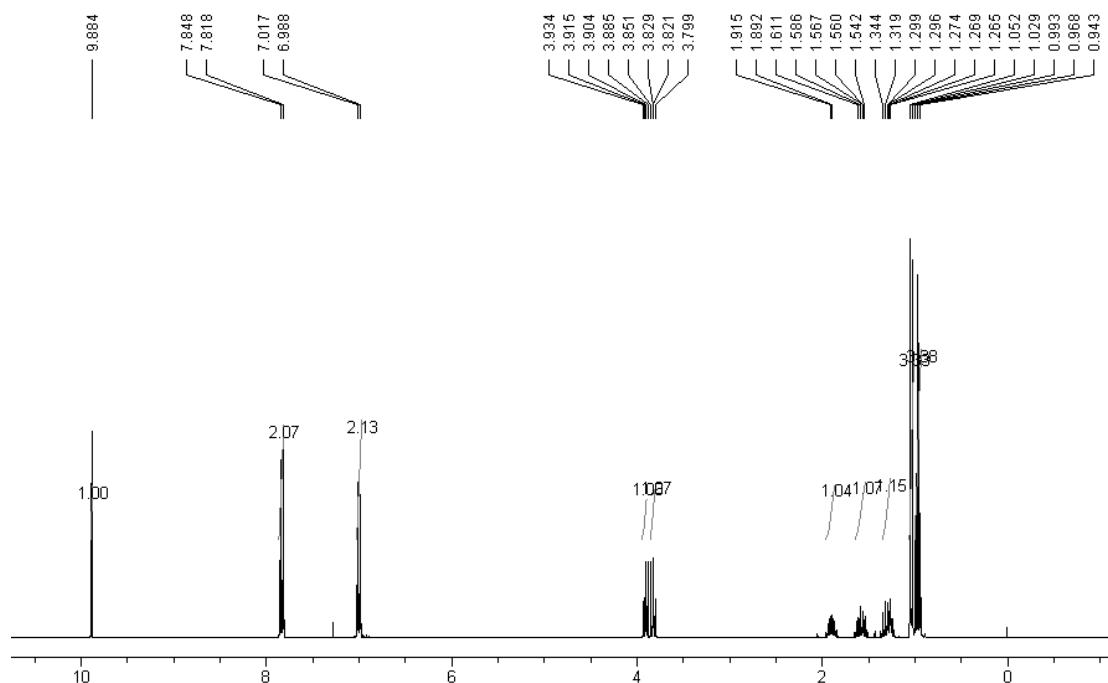


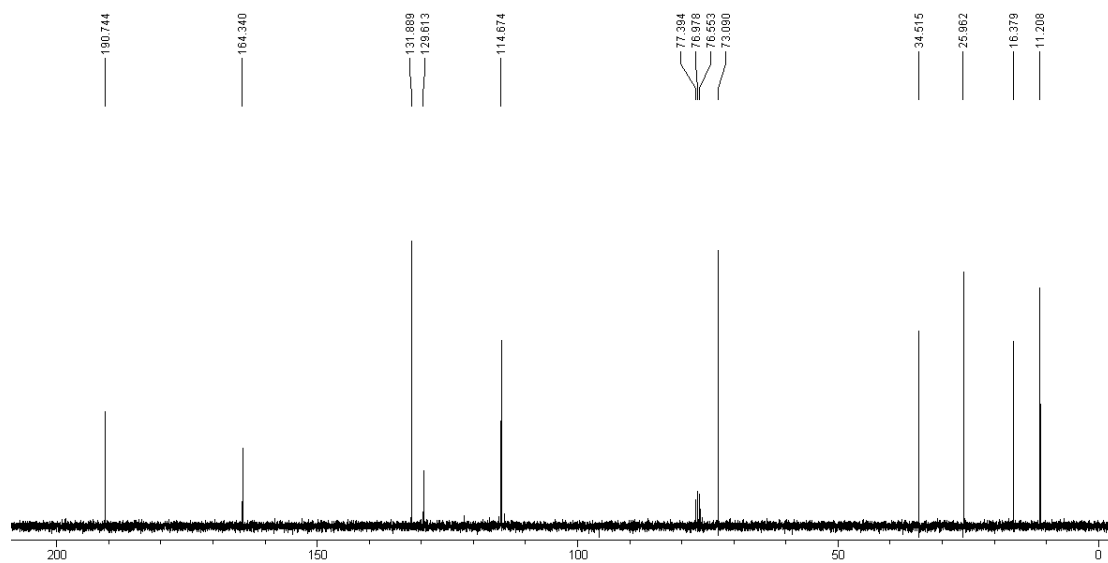
Figure S4. The CPL intensities of **P1** (a), **P2** (b), and **P3** (c) at different temperatures

^1H NMR and ^{13}C NMR spectra of the compounds

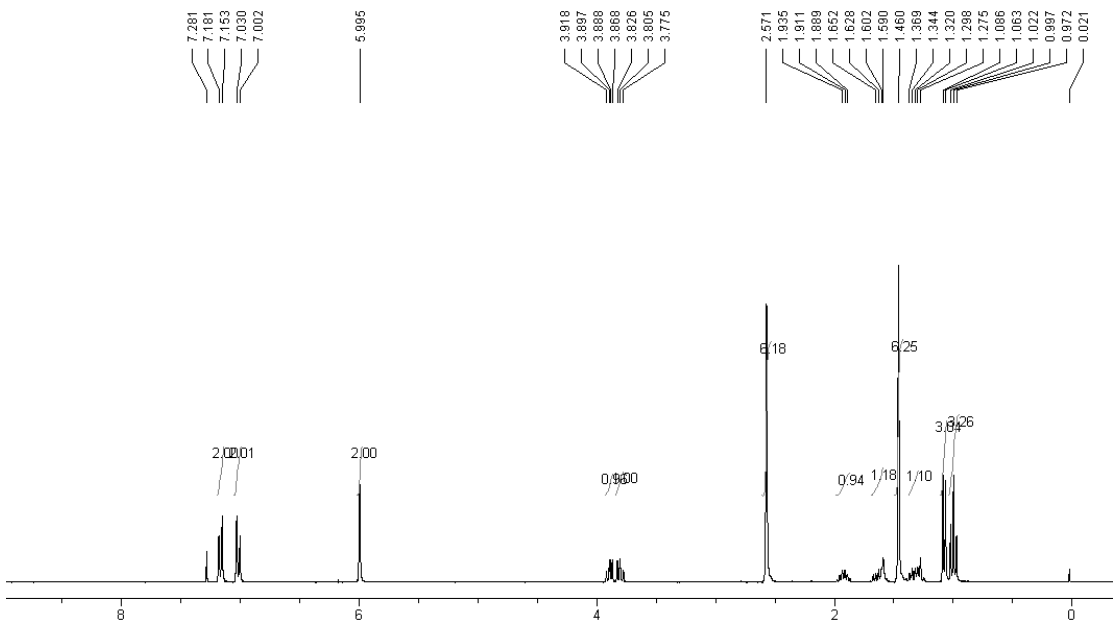
^1H NMR of (S)-2 in CDCl_3



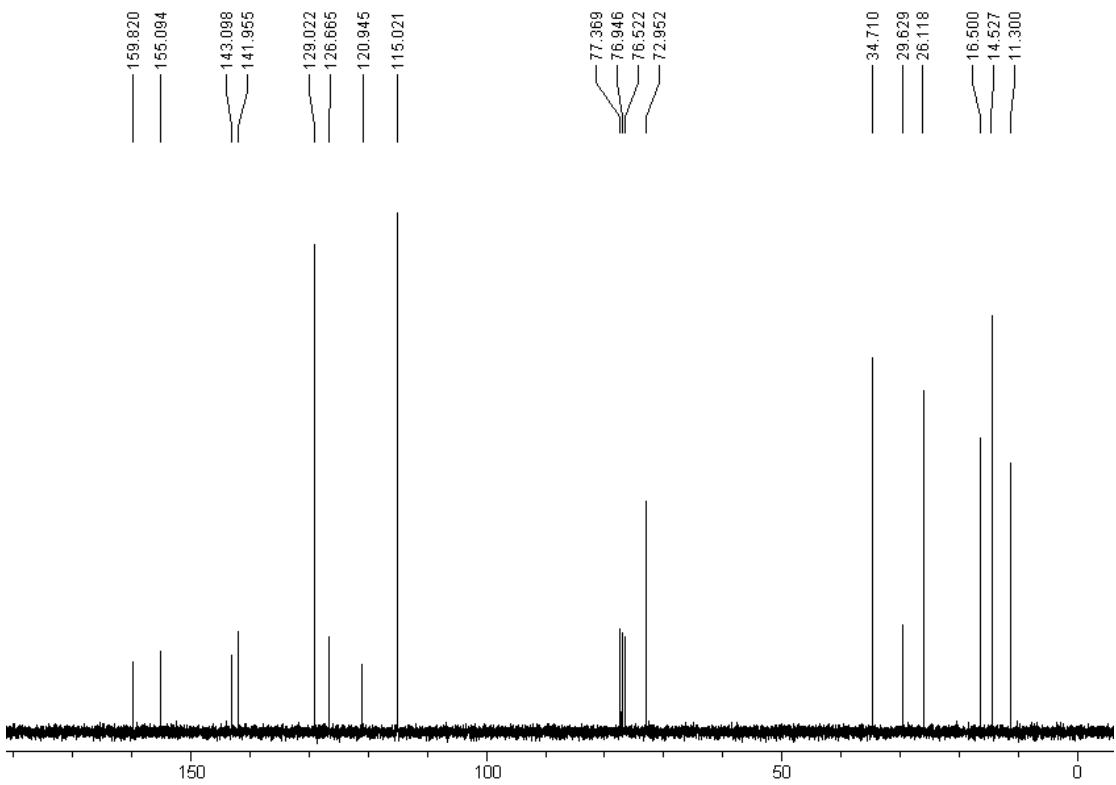
^{13}C NMR of (S)-2 in CDCl_3



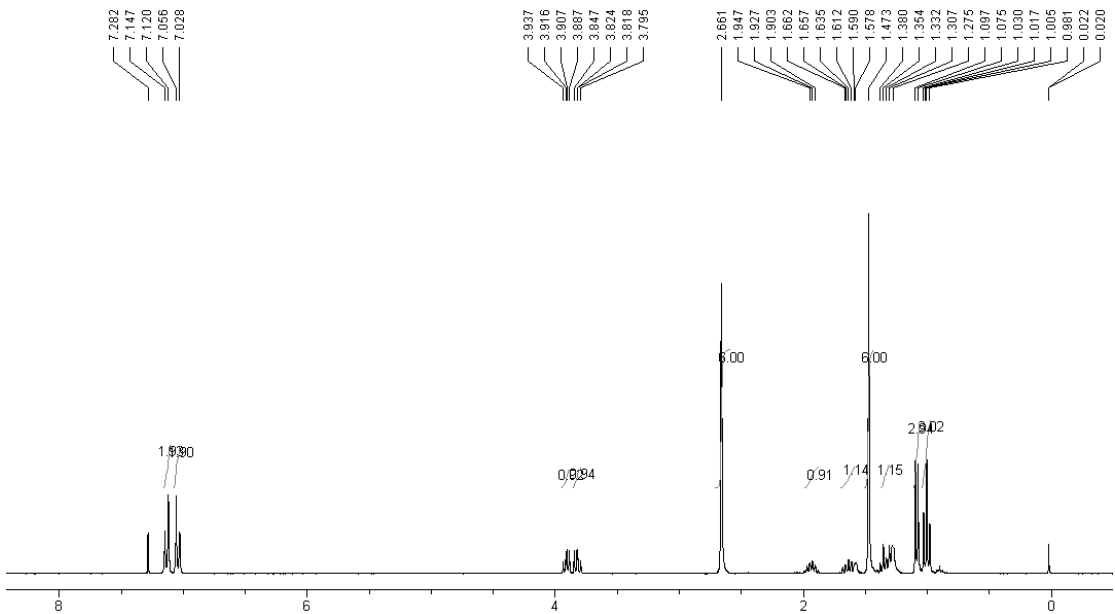
¹H NMR of (S)-3 in CDCl₃



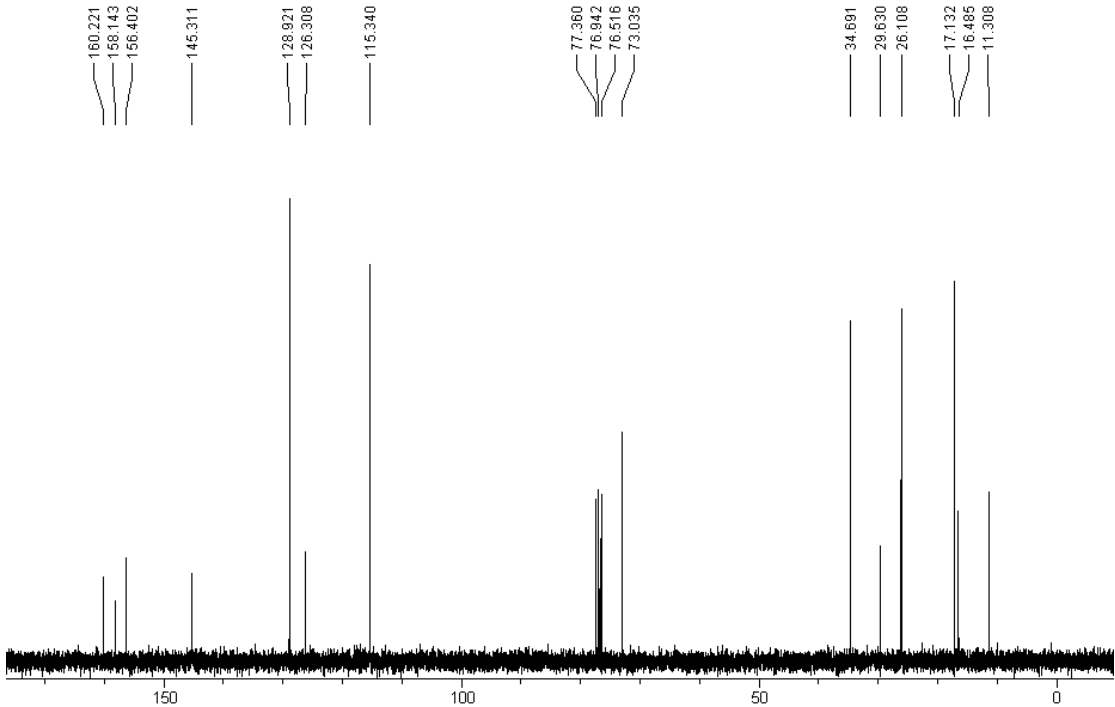
¹³C NMR of (S)-3 in CDCl₃



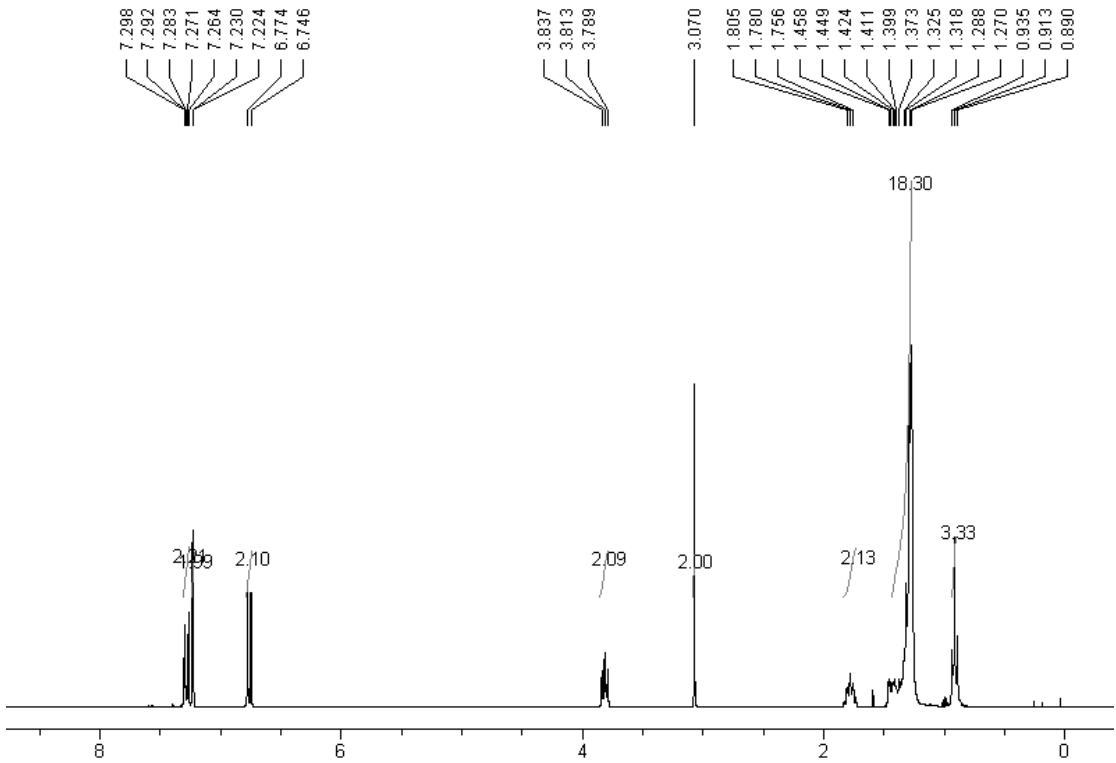
¹H NMR of **(S)-M-1** in CDCl₃



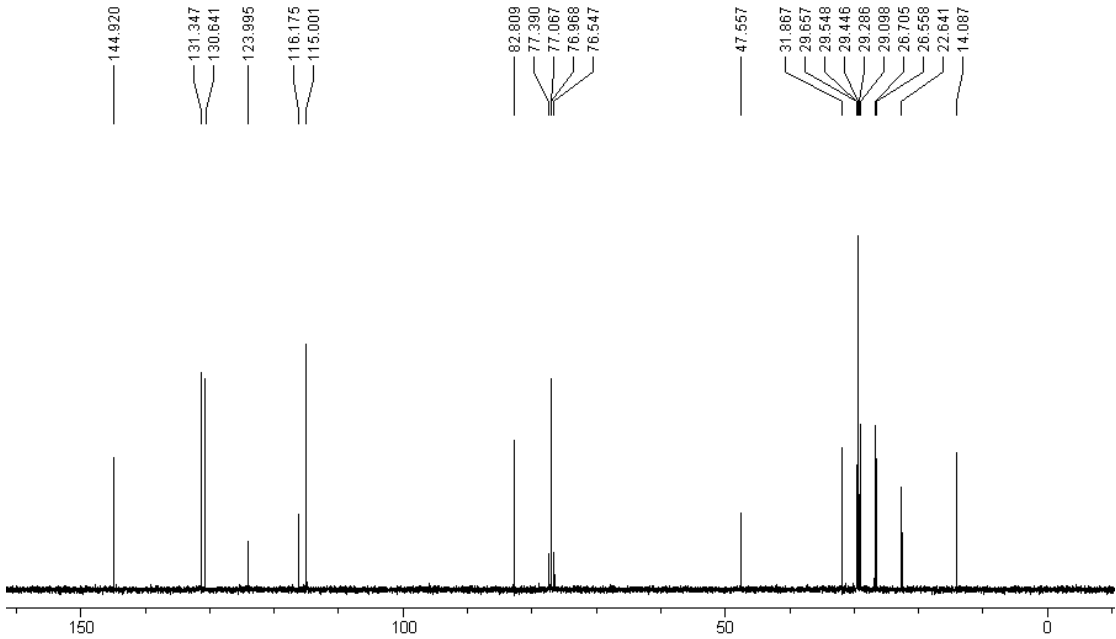
¹³C NMR of **(S)-3** in CDCl₃



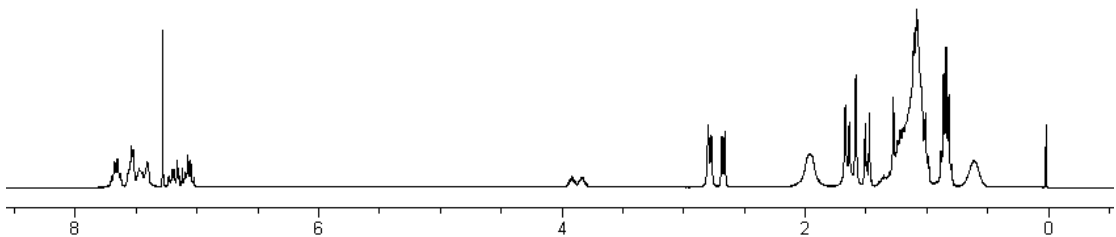
¹H NMR of **M-4** in CDCl₃



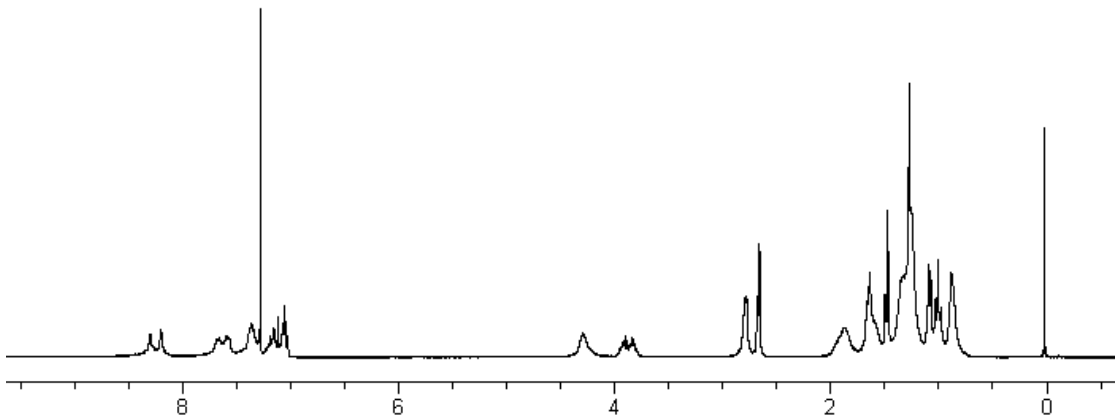
¹³C NMR of **M-4** in CDCl₃



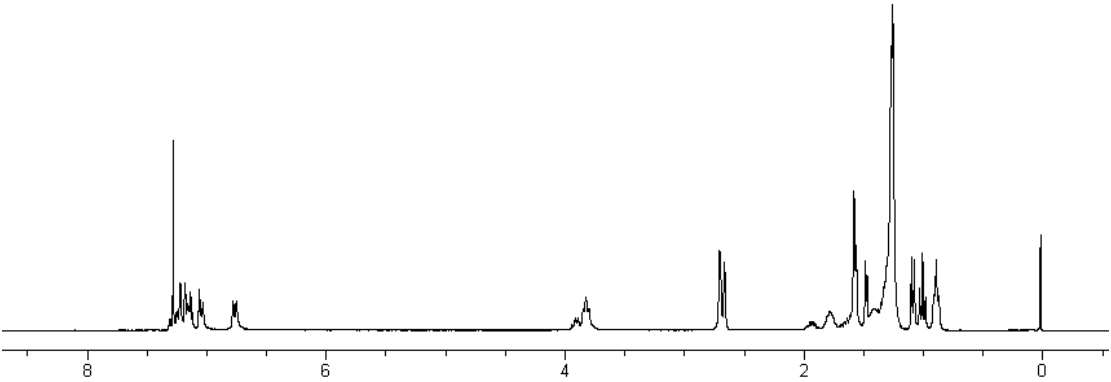
^1H NMR of **P1** in CDCl_3



^1H NMR of **P2** in CDCl_3

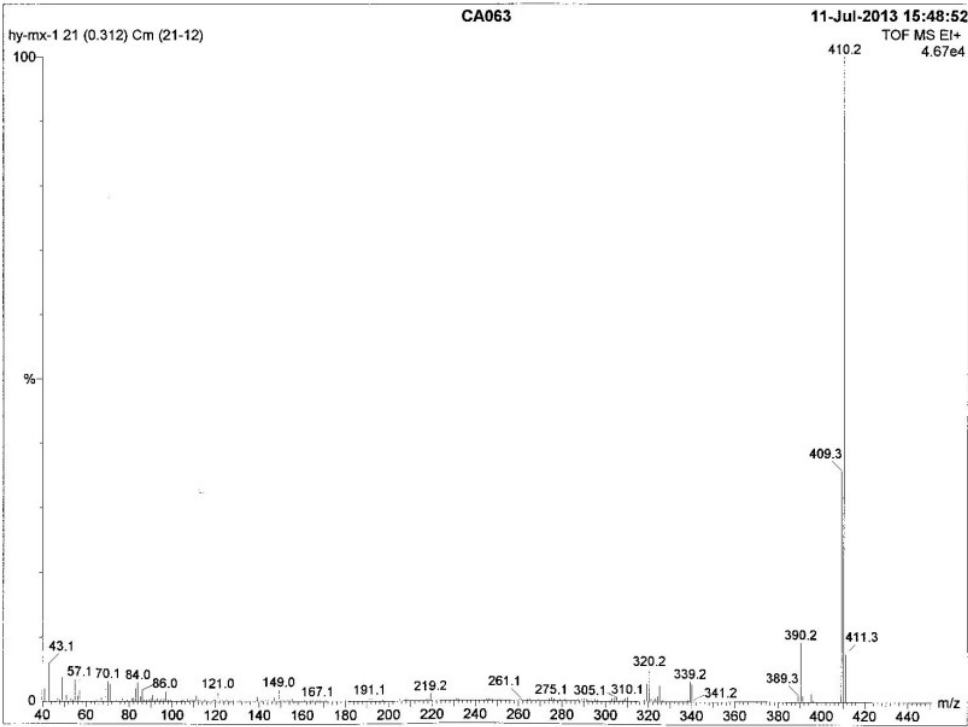


¹H NMR of **P3** in CDCl₃

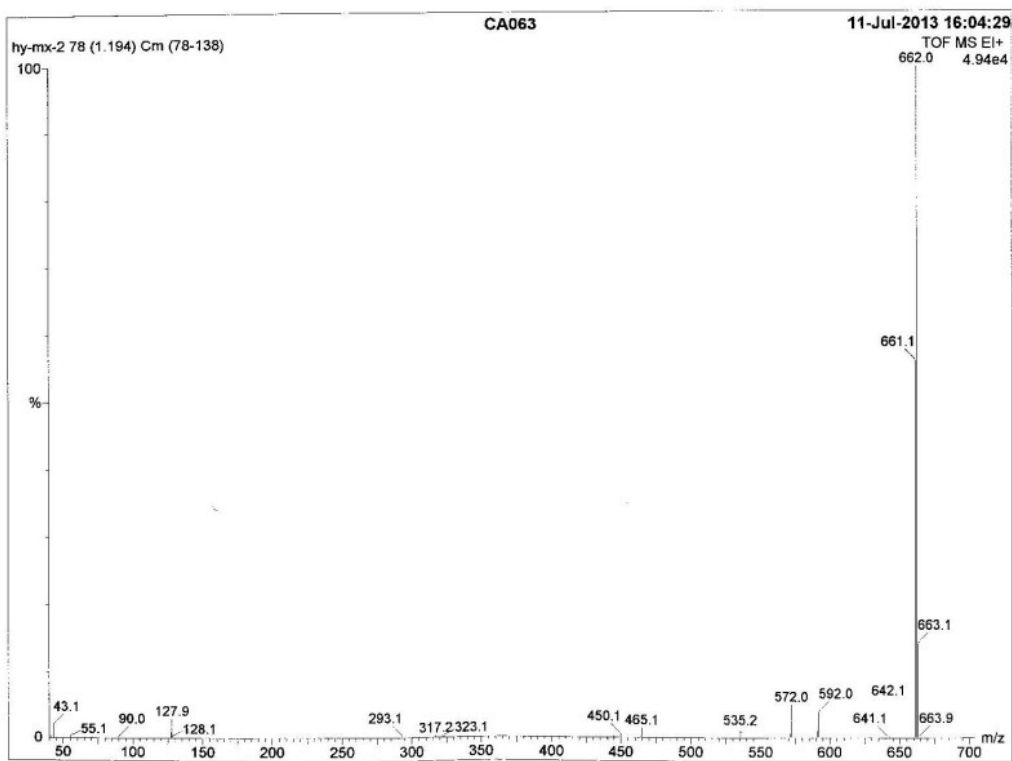


Mass spectrum

Compound (S)-3



Compound (S)-M-1



Compound M-4

