

Supporting Information

for

**Copolymerization of epoxides with cyclic anhydrides
catalyzed by dinuclear cobalt complexes**

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NMR spectra of new compounds

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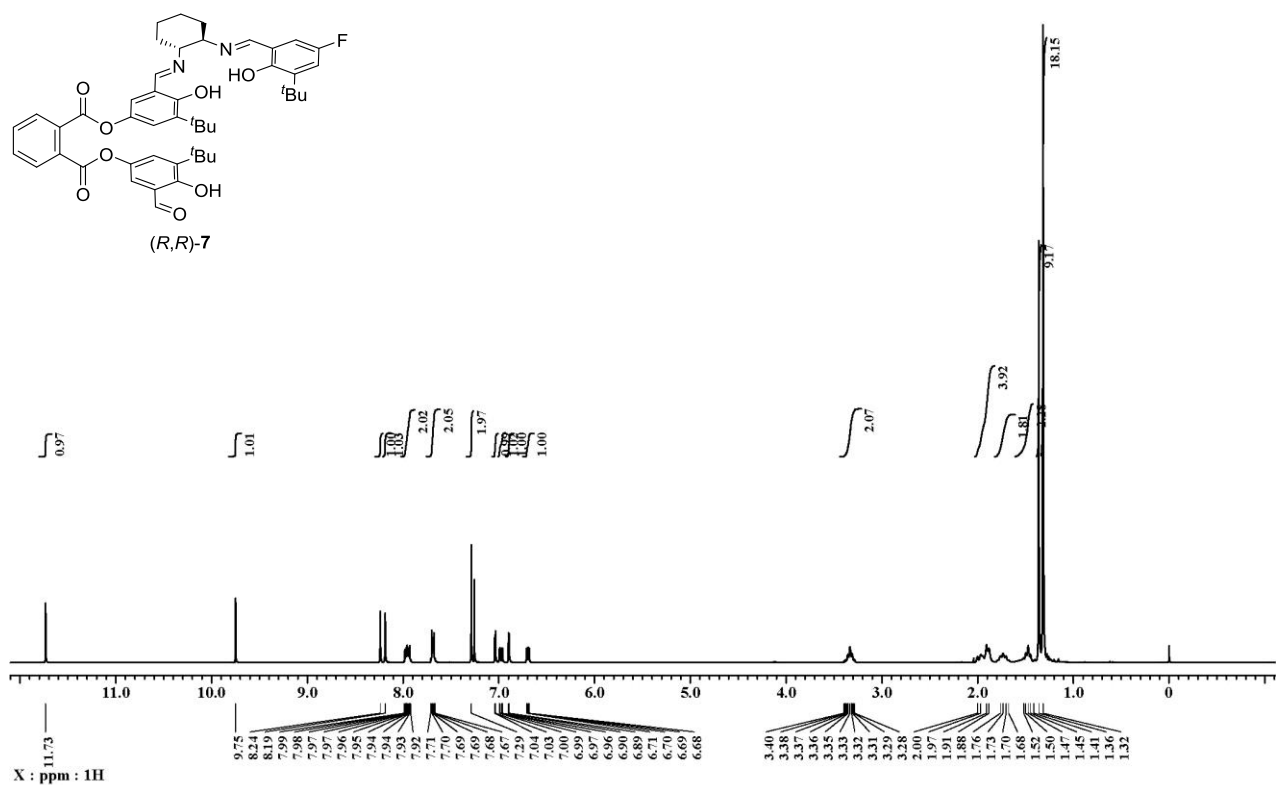


Figure S1: ^1H NMR spectrum of *(R,R)*-7 (400 MHz, CDCl_3).

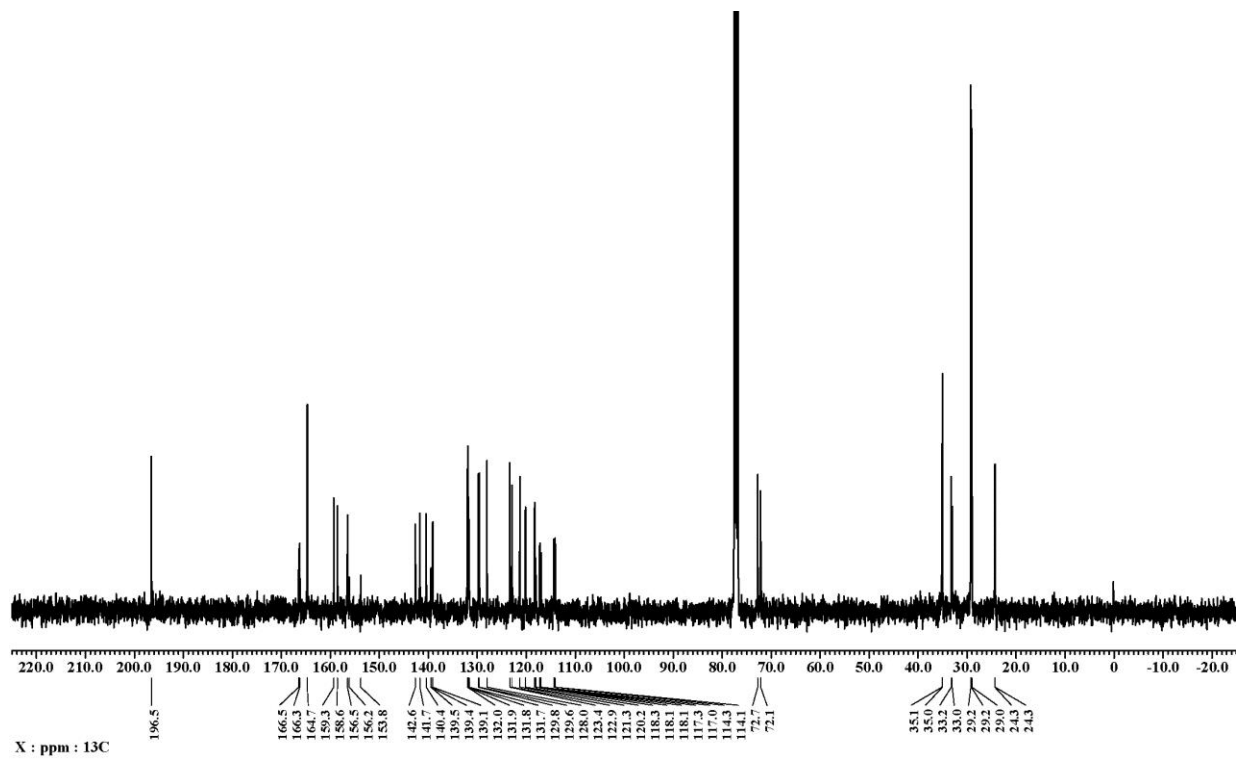


Figure S2: ^{13}C NMR spectrum of *(R,R)*-7 (101 MHz, CDCl_3).

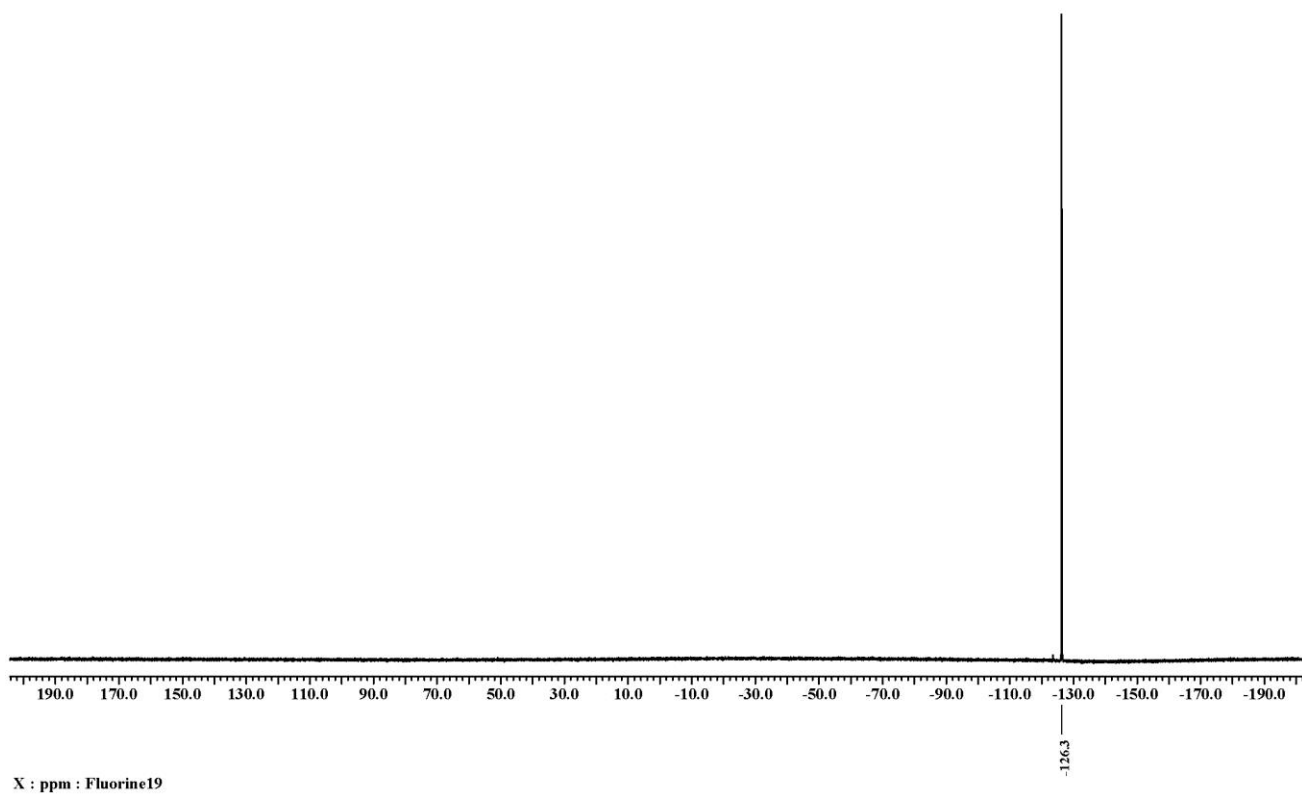


Figure S3: ^{19}F NMR spectrum of (*R,R*)-**7** (471 MHz, CDCl_3).

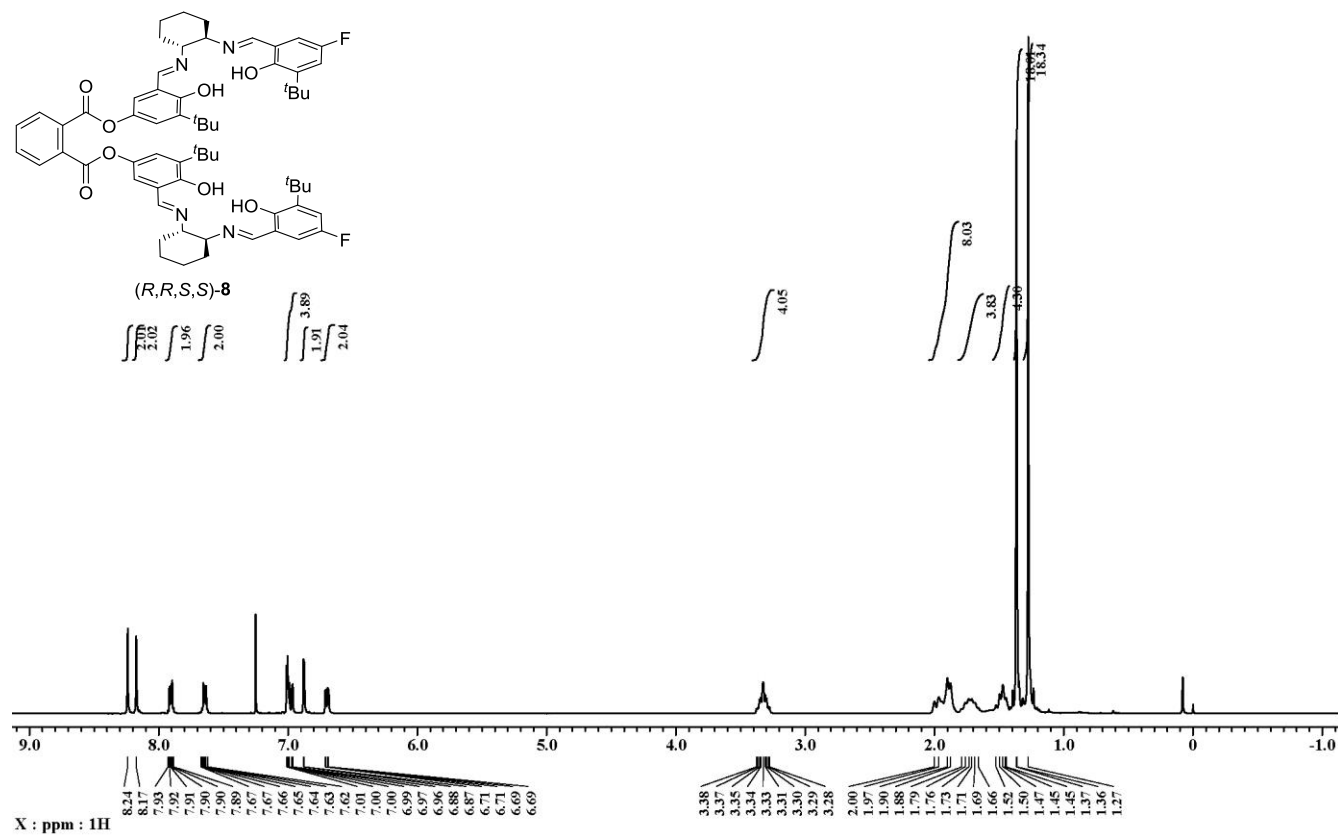


Figure S4: ^1H NMR spectrum of (*R,R,S,S*)-**8** (400 MHz, CDCl_3).

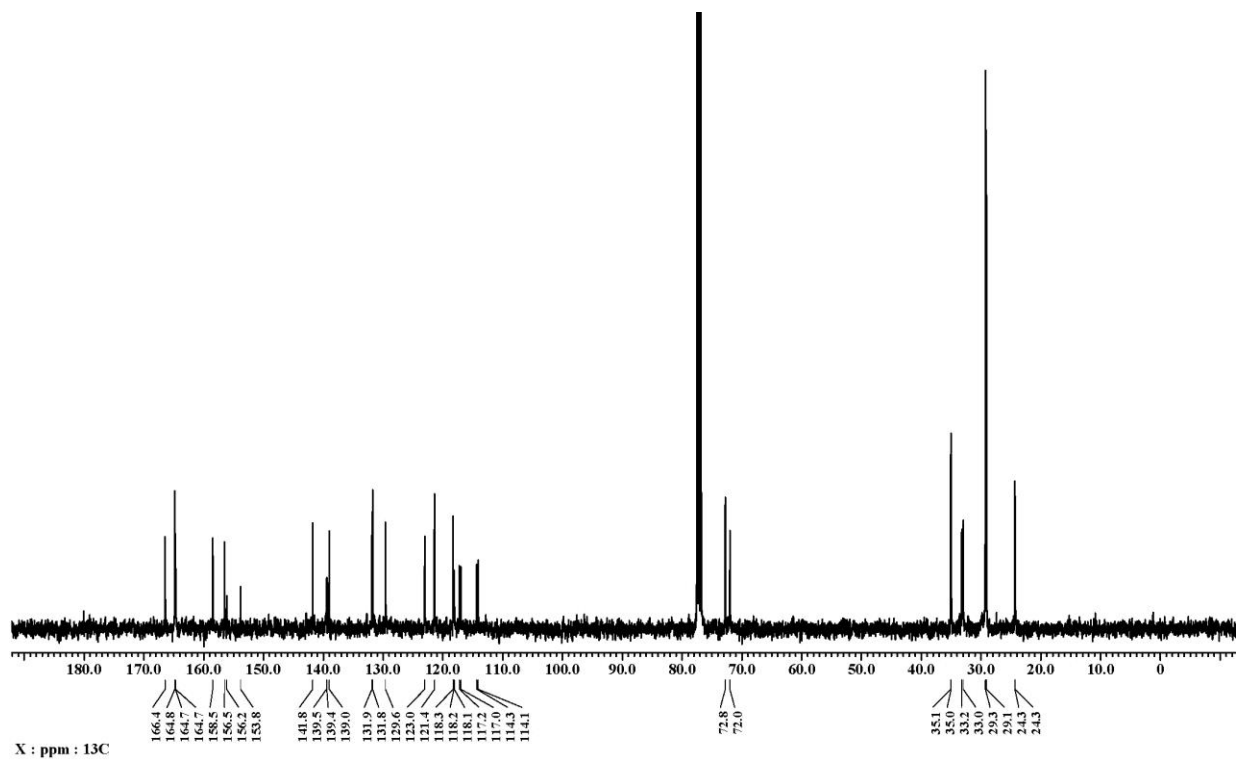


Figure S5: ^{13}C NMR spectrum of (*R,R,S,S*)-**8** (101 MHz, CDCl_3).

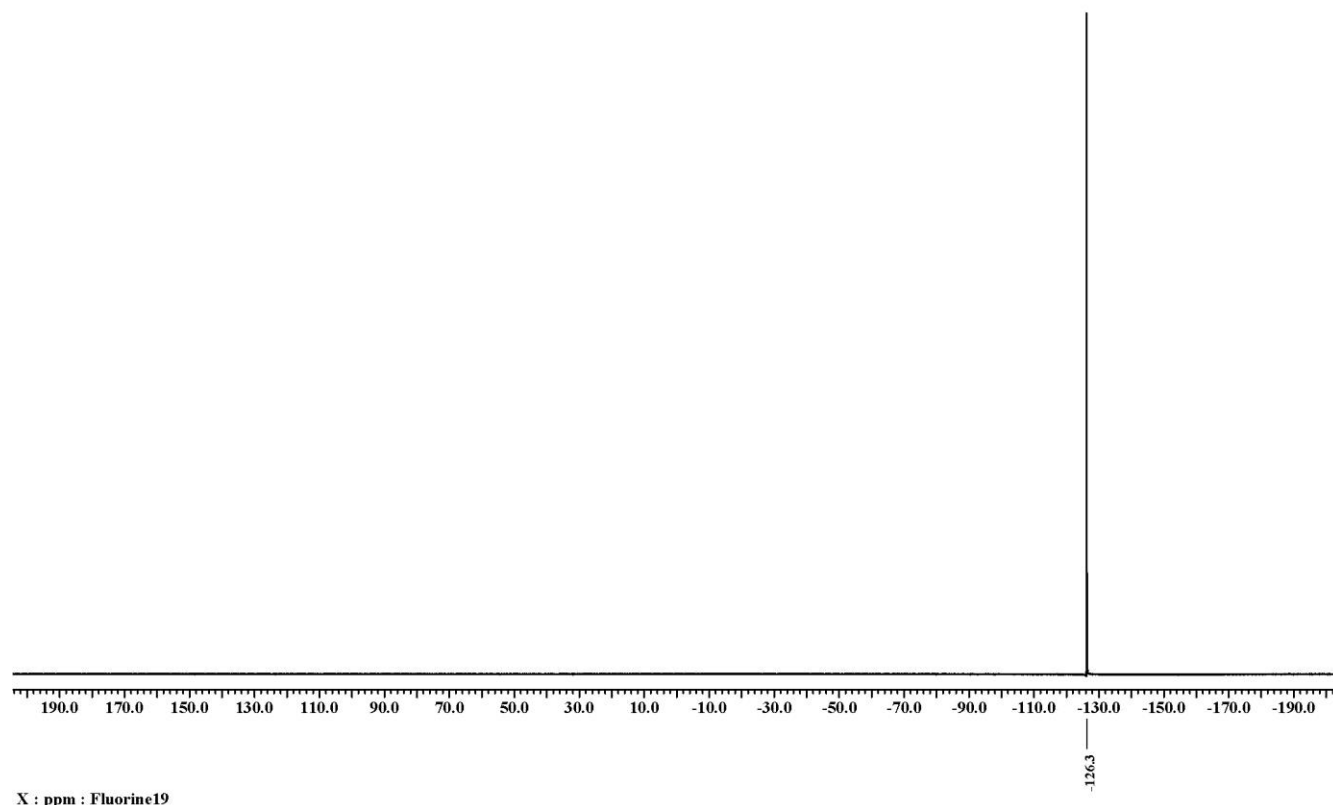


Figure S6: ^{19}F NMR spectrum of (*R,R,S,S*)-**8** (471 MHz, CDCl_3).

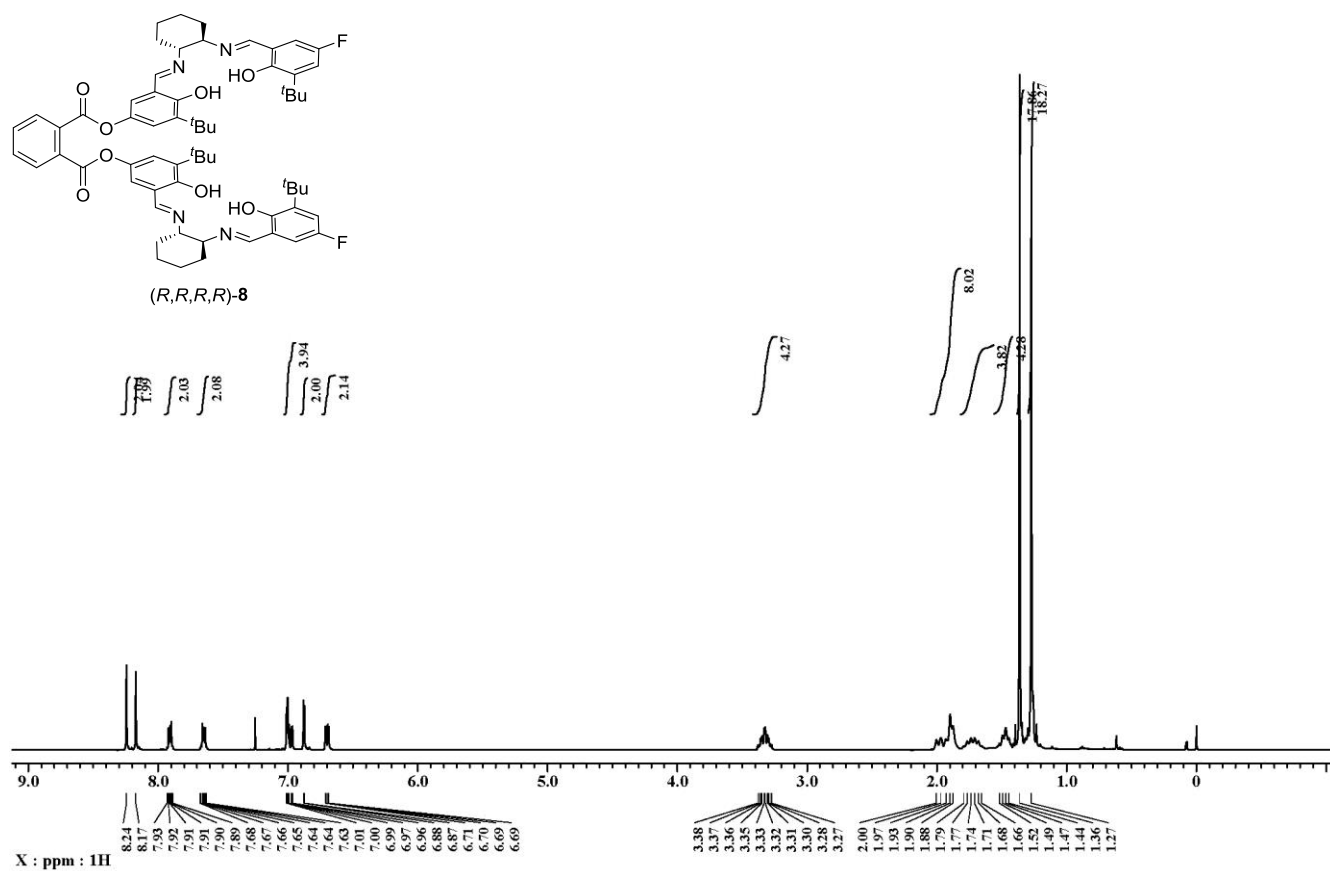


Figure S7: ^1H NMR spectrum of **(R,R,R,R)-8** (400 MHz, CDCl_3).

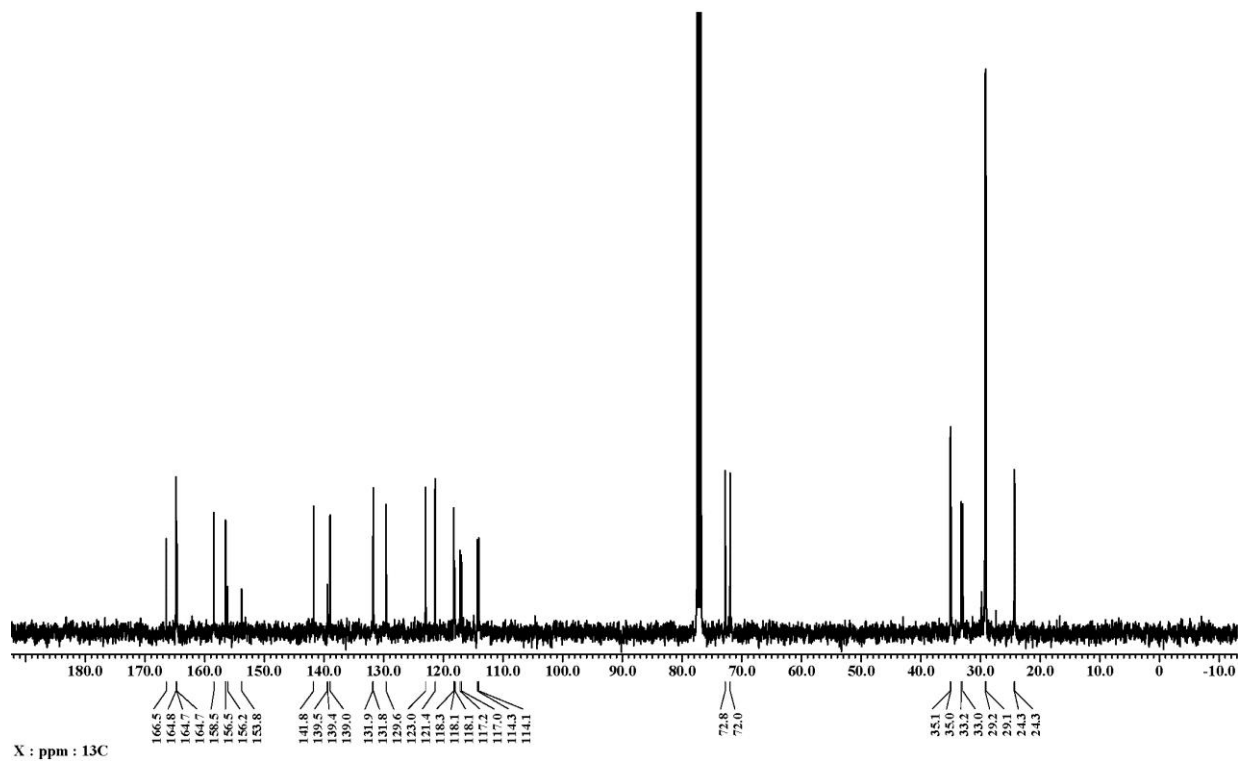


Figure S8: ^{13}C NMR spectrum of **(R,R,R,R)-8** (101 MHz, CDCl_3).

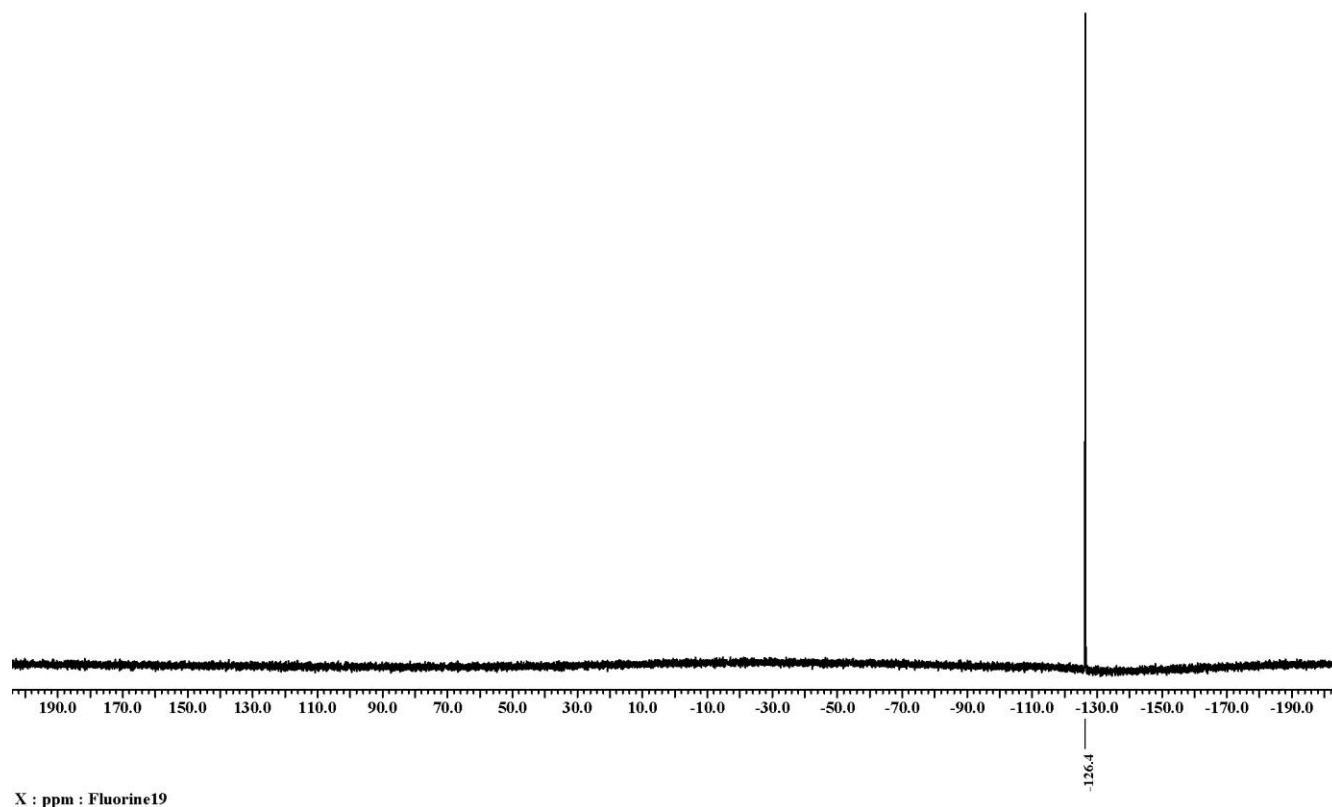


Figure S9: ^{19}F NMR spectrum of (*R,R,R,R*)-**8** (471 MHz, CDCl_3).

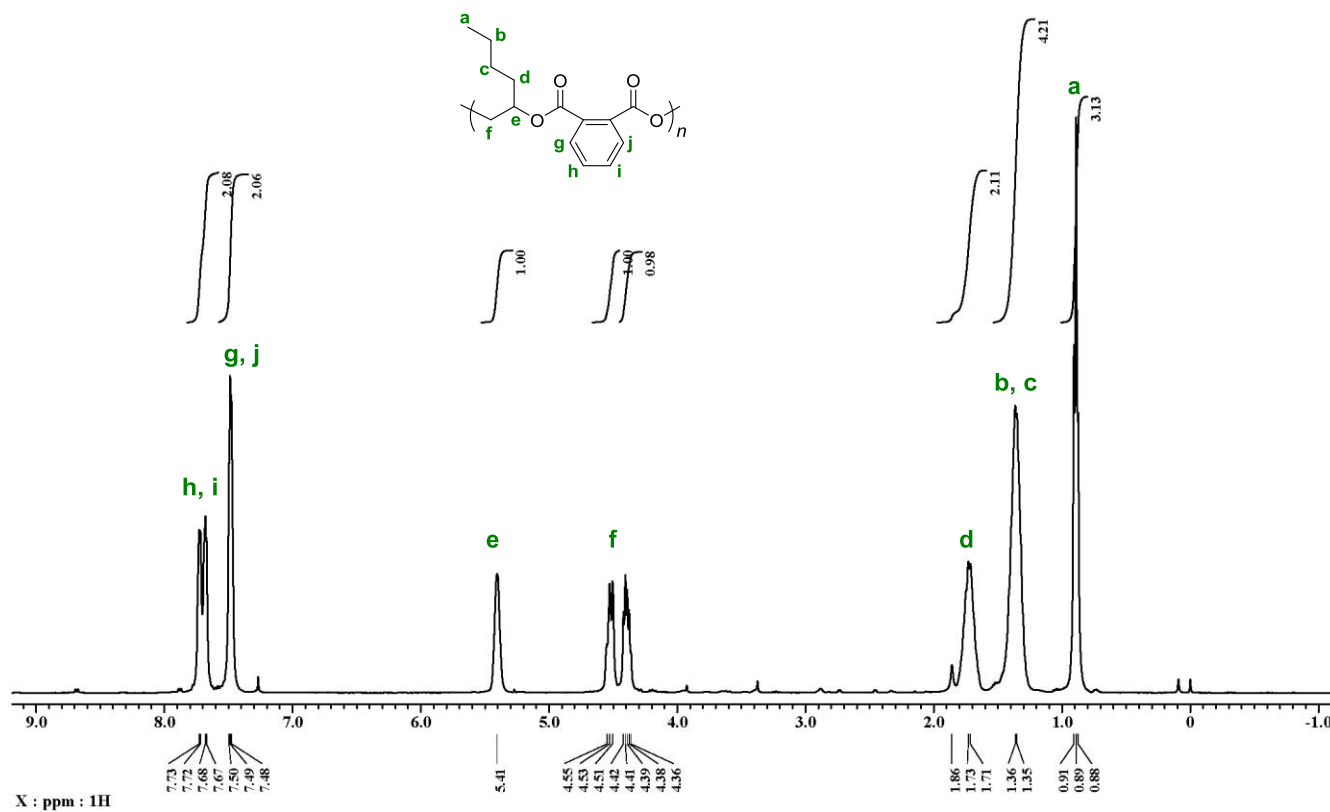


Figure S10: ¹H NMR spectrum of HO/PA copolymer (400 MHz, CDCl₃).

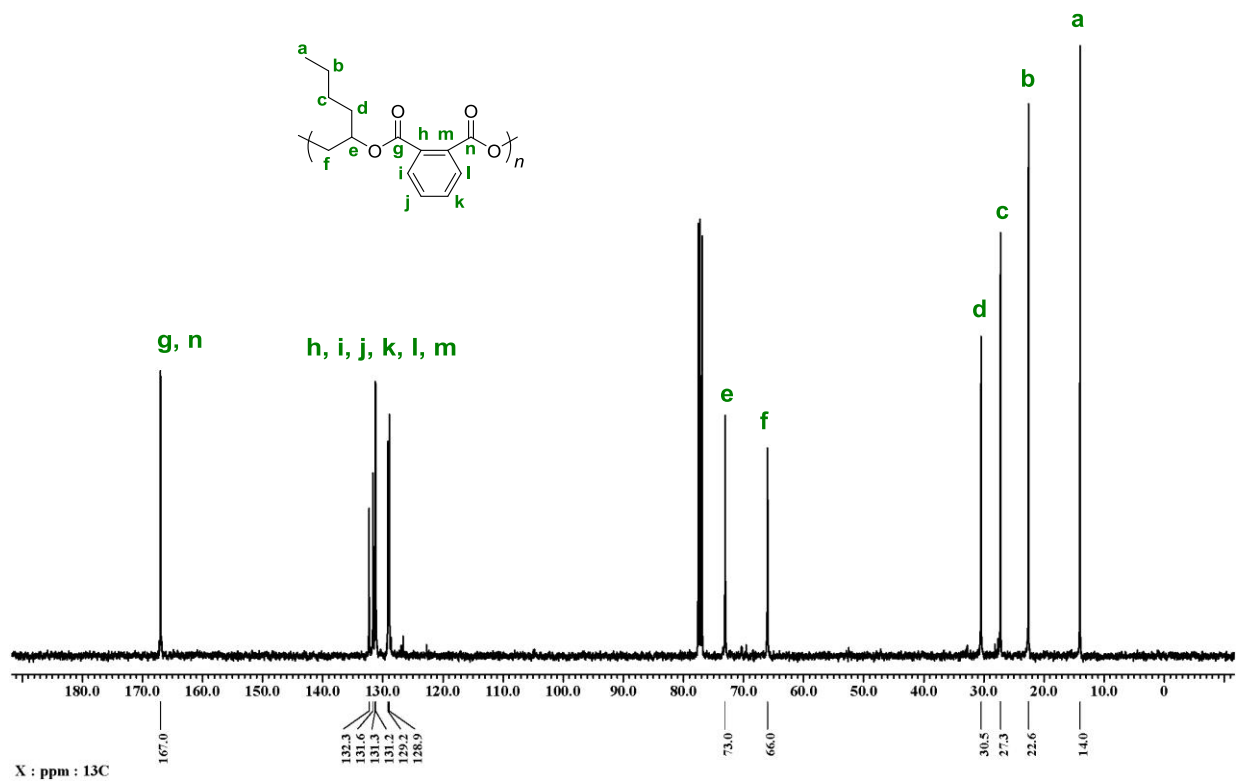
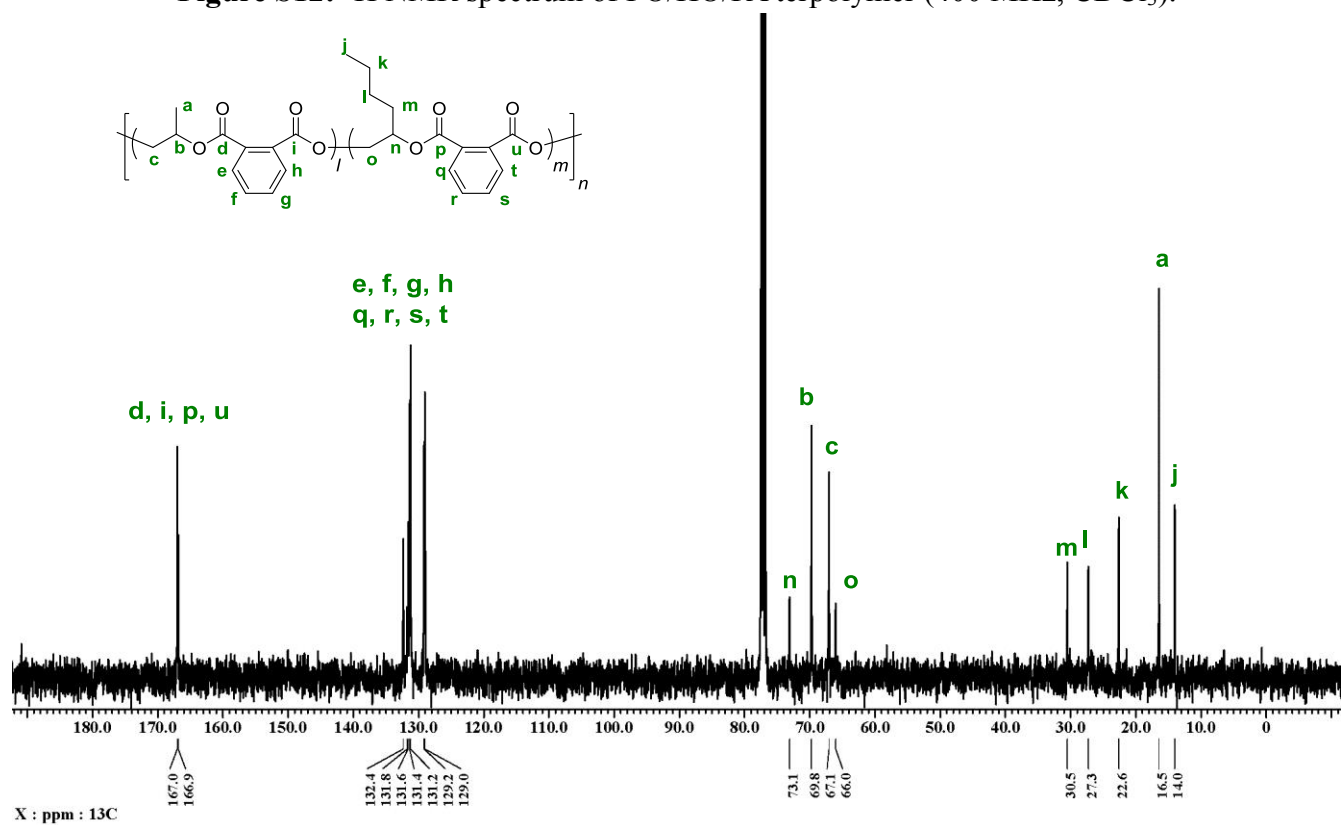
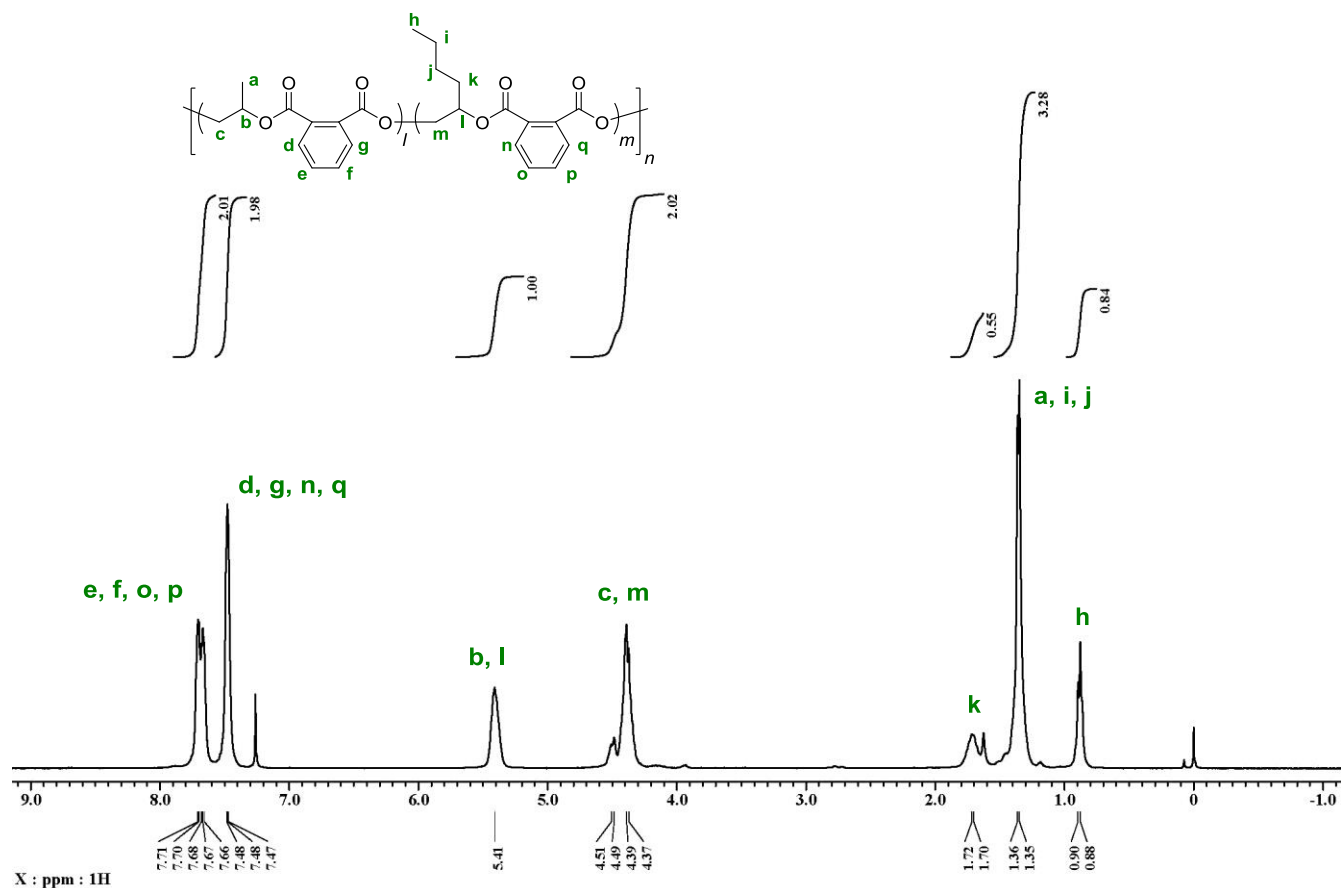


Figure S11: ¹³C NMR spectrum of HO/PA copolymer (101 MHz, CDCl₃).



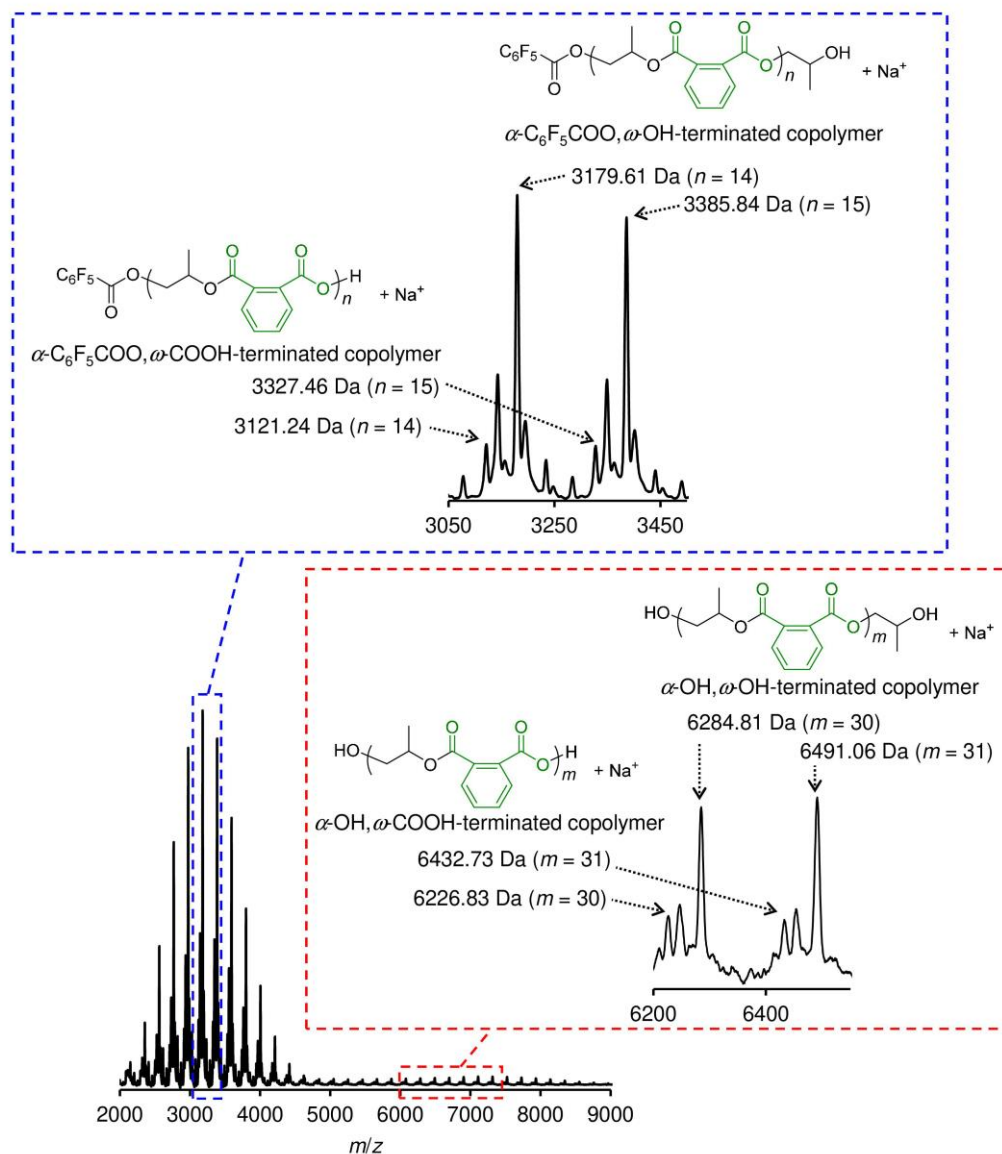


Figure S14: MALDI-TOF mass spectrum of the PO/PA copolymer (the low-molecular weight copolymer for MS analysis was prepared by using (*R,R,R,R*)-**1** at 30 °C for 15 min).