Support Information

Article

One-Pot Synthesis of Stable Poly([c2]Daisy–chain Rotaxane) with Pseudo-stopper via Metathesis Reaction and Thiol-ene Reaction

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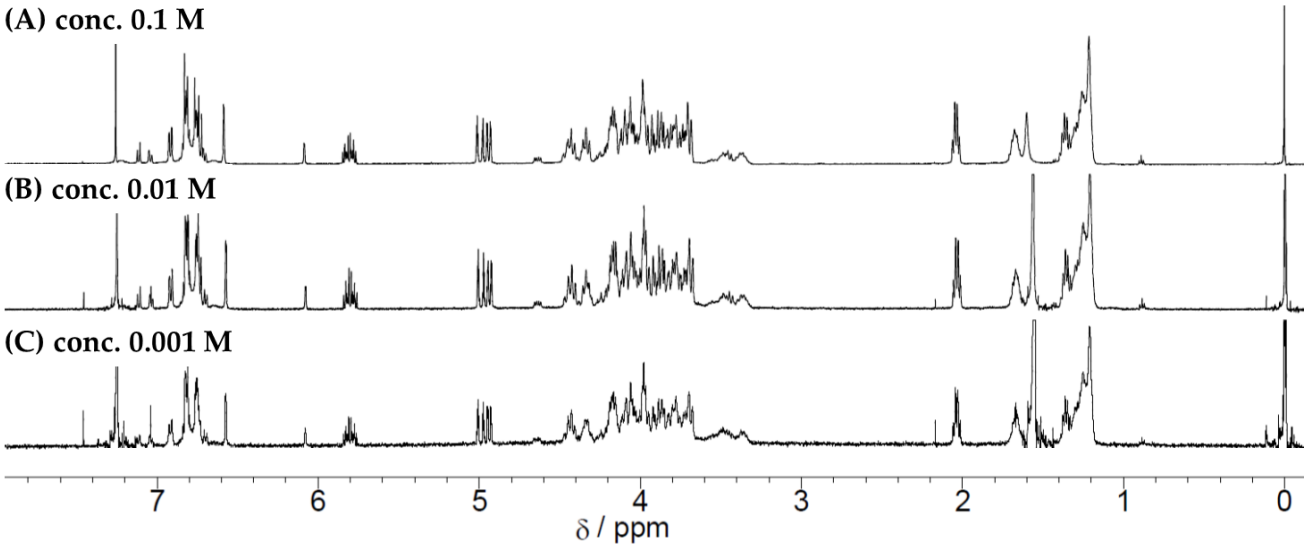

Figure S1. ^{1}H NMR spectra of H-G monomer at (A) conc. 0.1 M, (B) 0.01, and (C) 0.001 M in C*D*Cl$_3$.

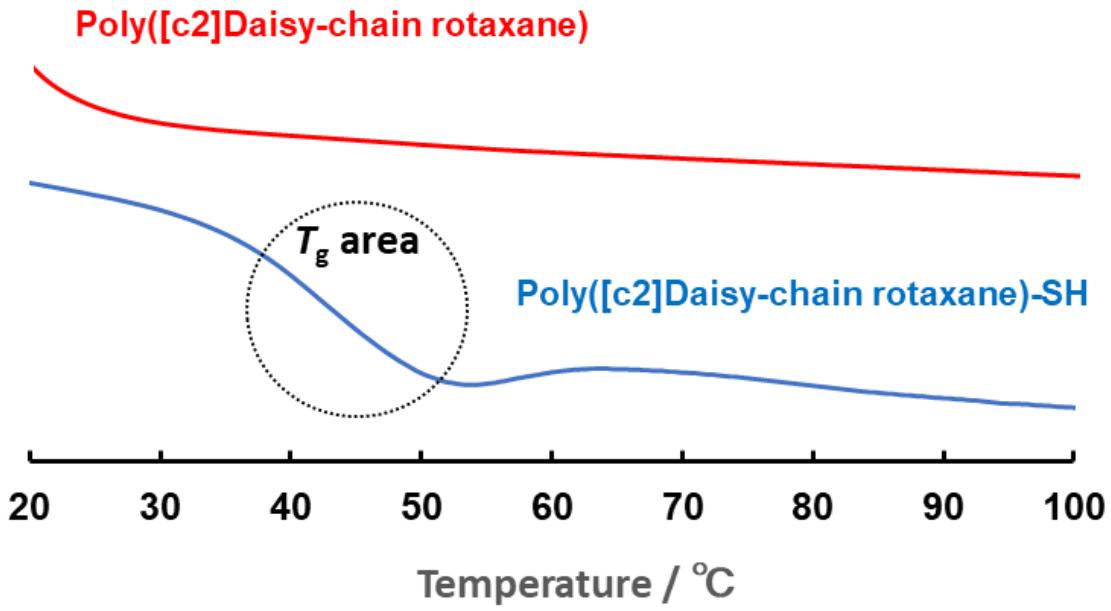

Figure S2. DSC charts of poly([c2]daisy-chain rotaxane) (red line) and poly([c2]daisy-chain rotaxane)-SH (blue line).

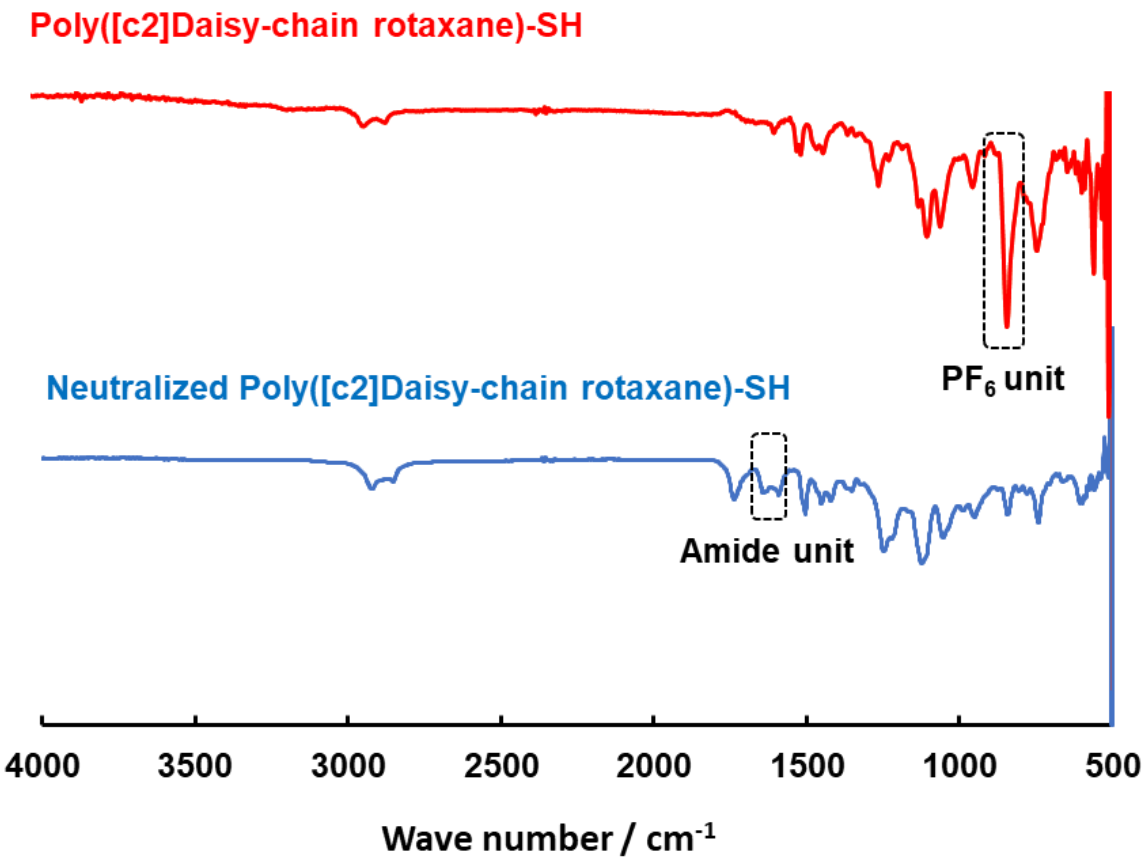

Figure S3. IR spectra of poly([c2]daisy-chain rotaxane)-SH (red line) and neutralized poly([c2]daisy-chain rotaxane)-SH (blue line).

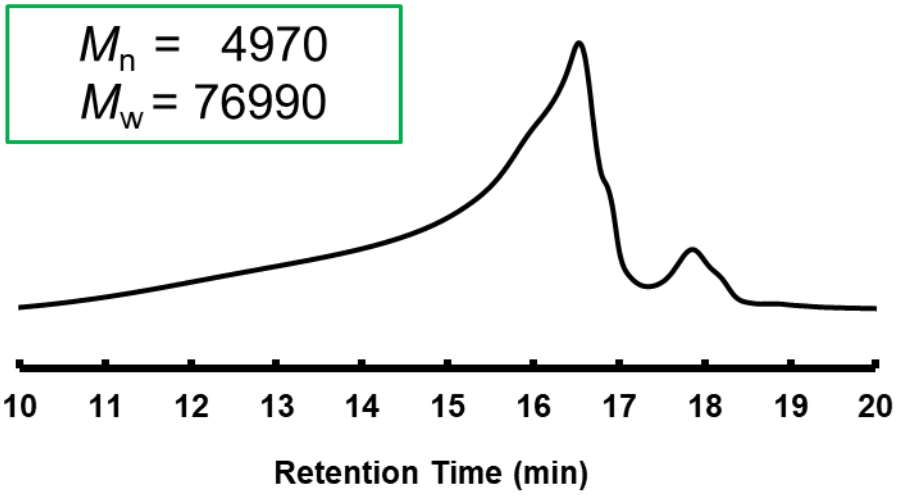

Figure S4. GPC chart of neutralized poly([c2]Daisy-chain rotaxane-SH (eluent: $CHCl_3$).

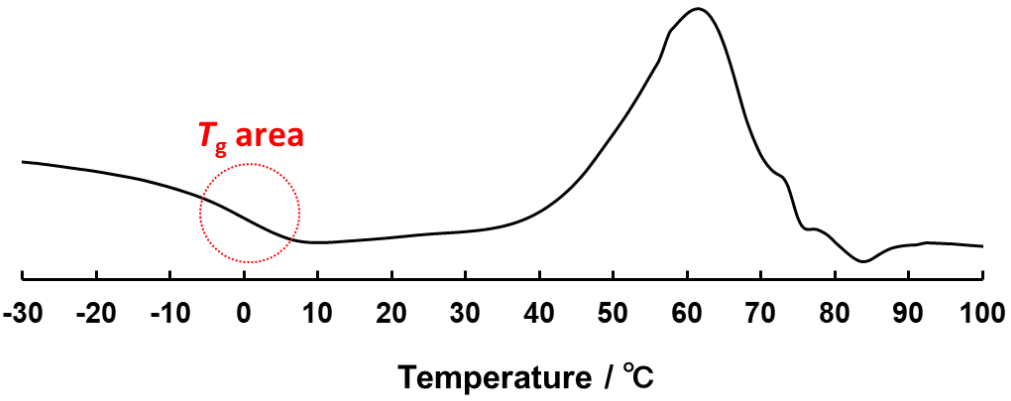

Figure S5. DSC charts of neutralized poly([c2]Daisy-chain rotaxane).

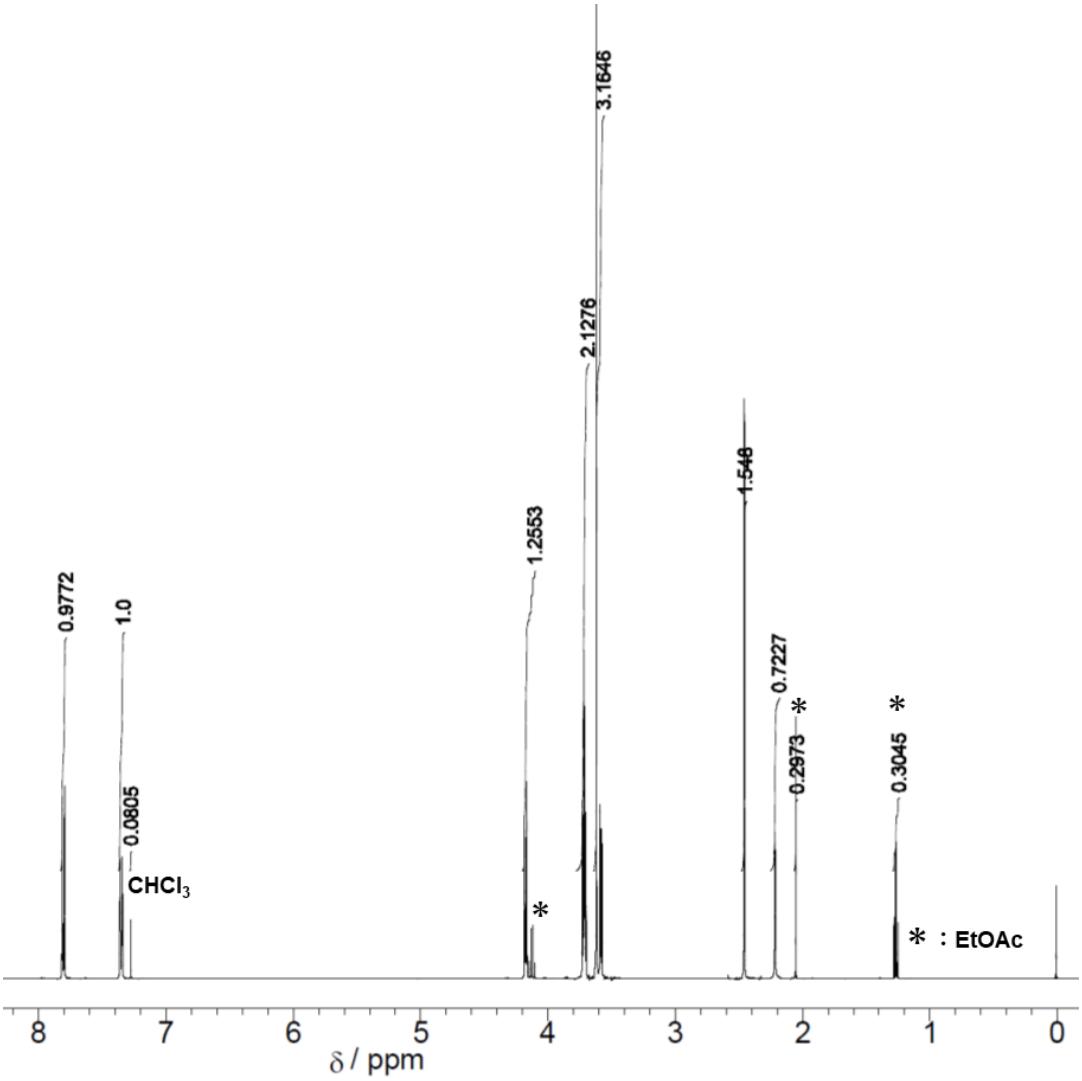

Figure S6. ^{1}H NMR spectra of compound **1** in C*D*Cl$_3$.

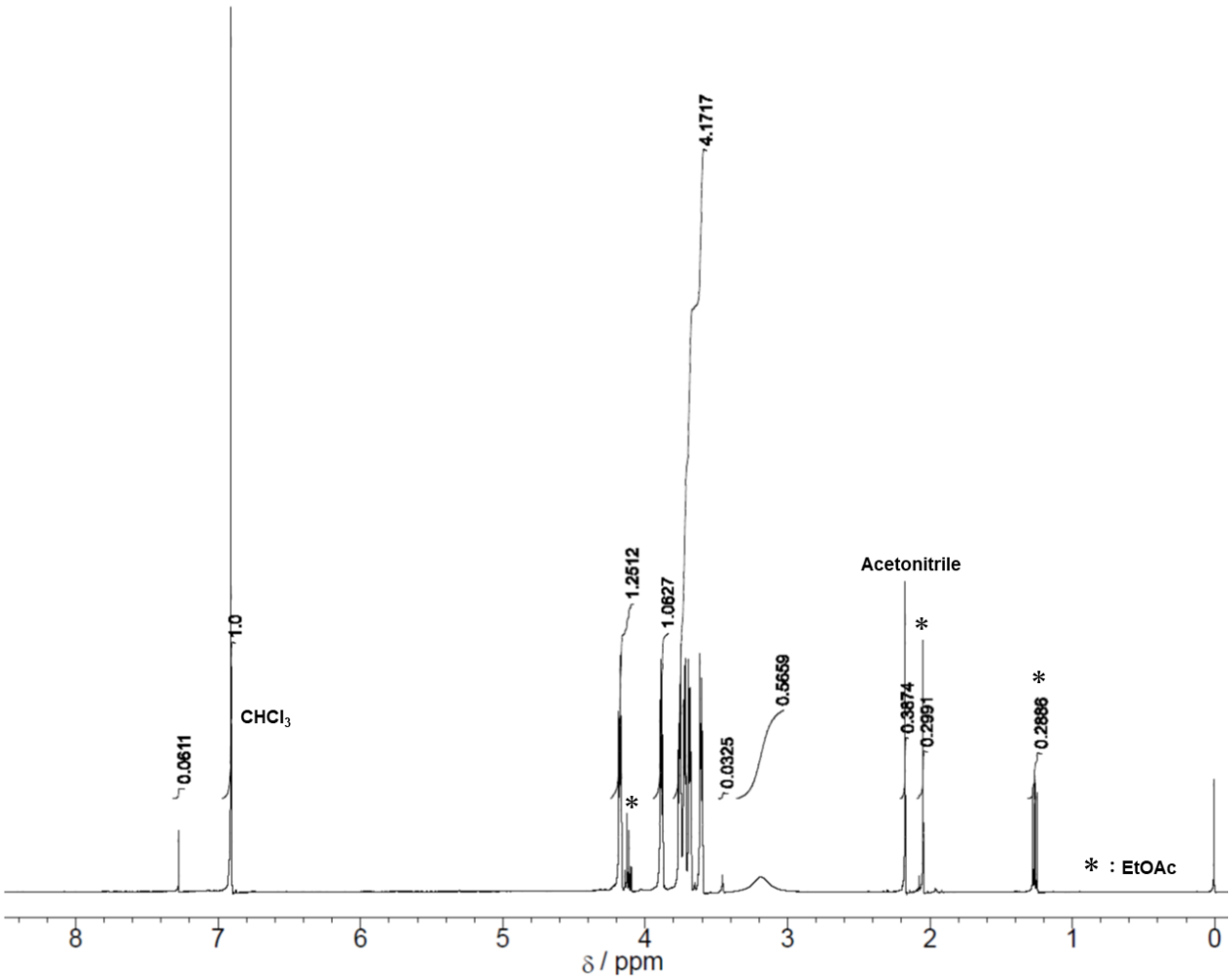

Figure S7. ^{1}H NMR spectra of compound **2** in C*D*Cl$_3$.

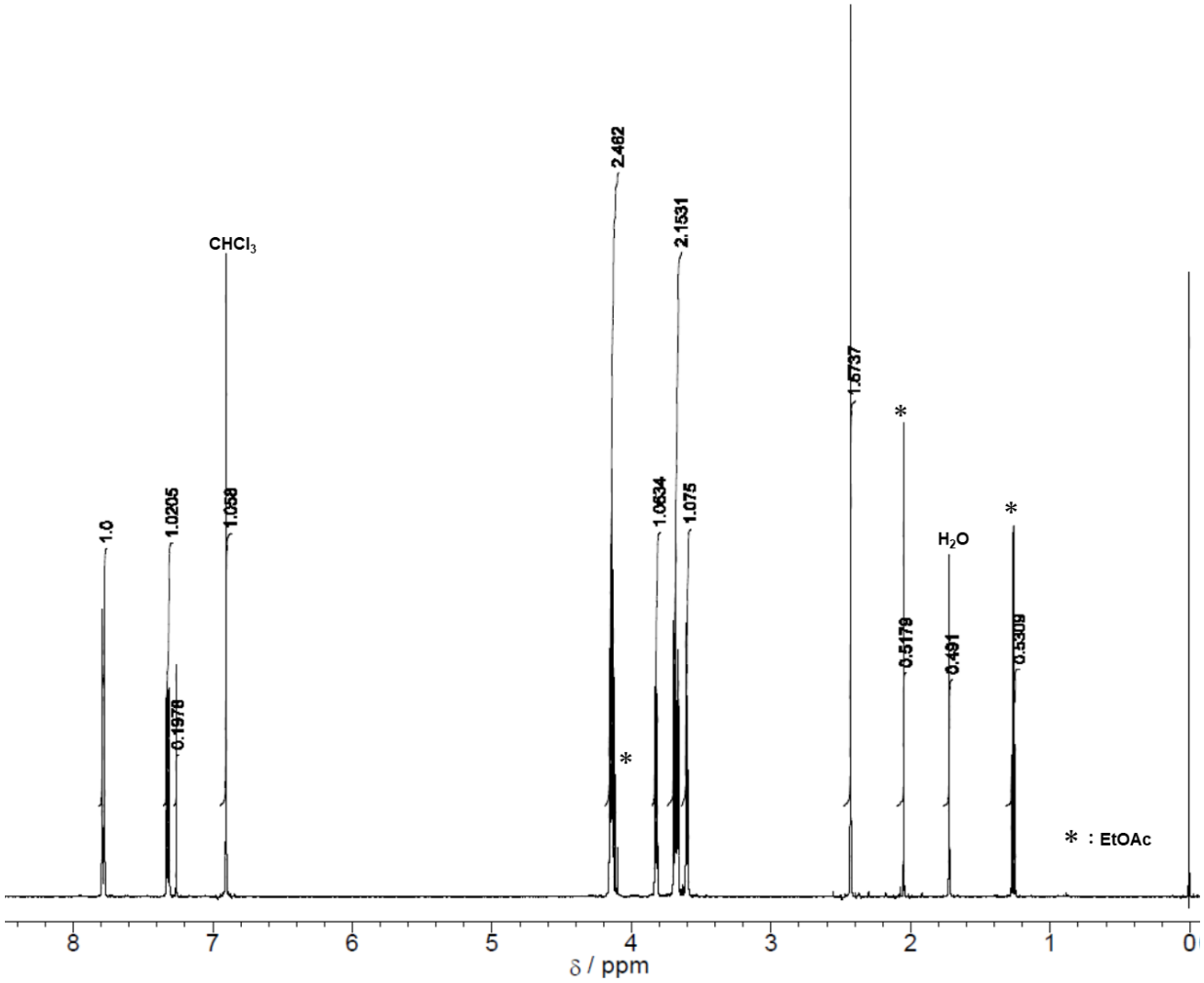

Figure S8. ^{1}H NMR spectra of compound **3** in C*D*Cl$_3$.

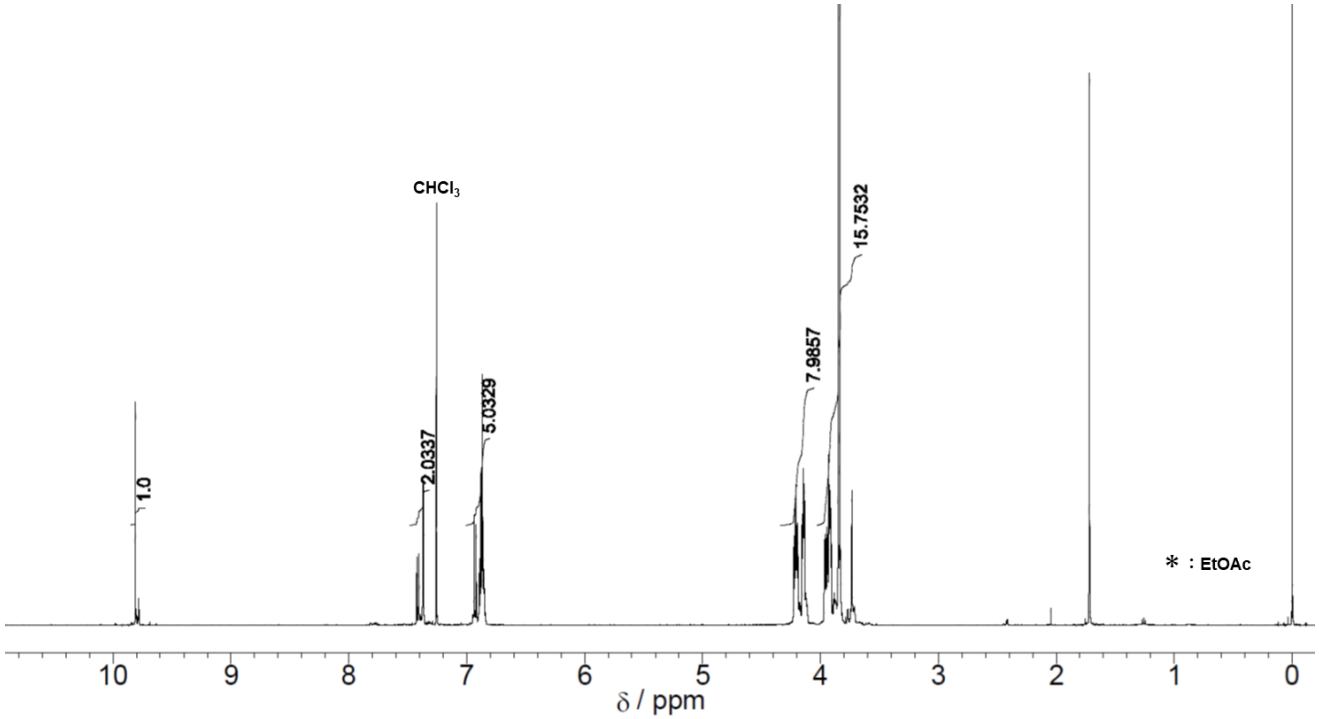

Figure S9. ^{1}H NMR spectra of compound **4** in C*D*Cl$_3$.

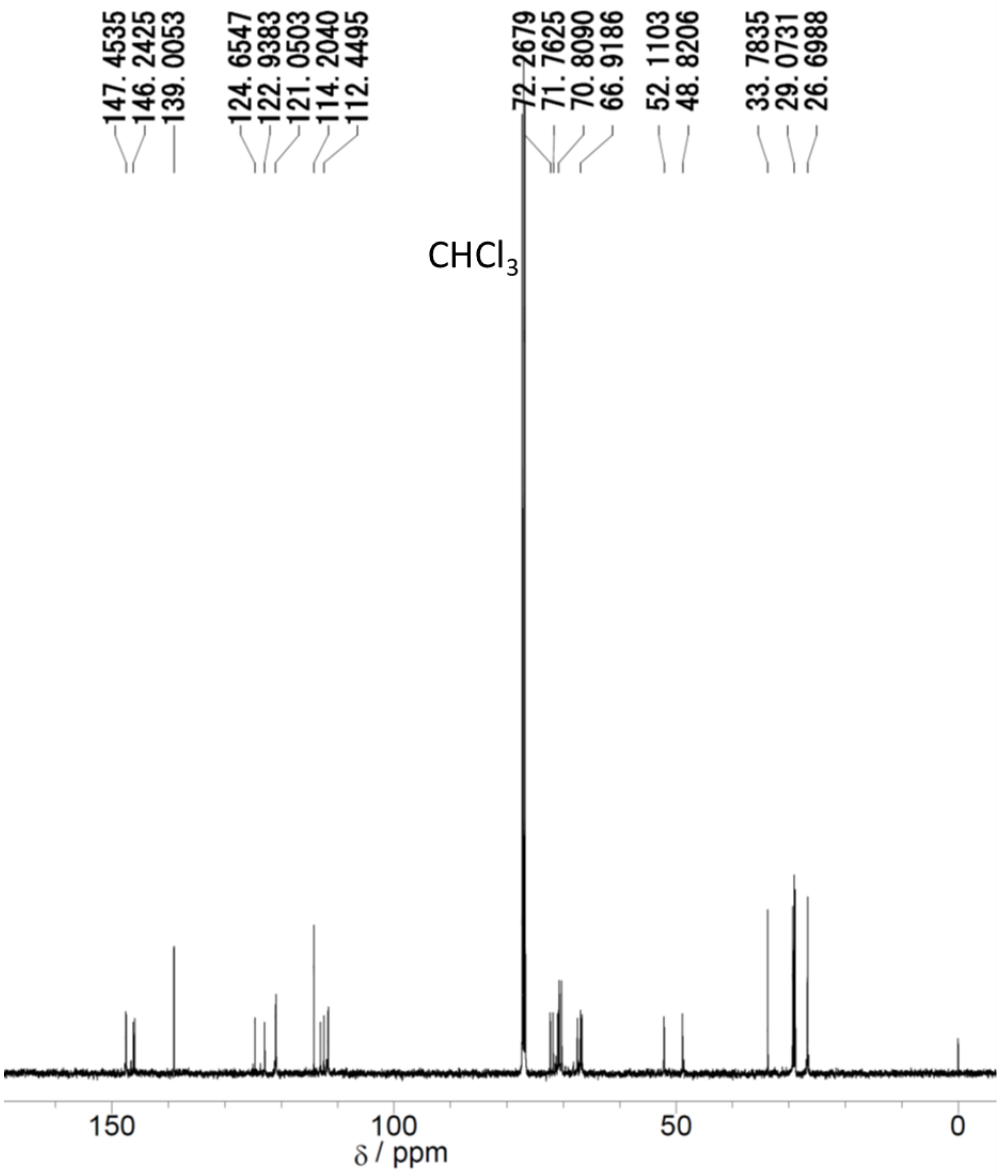

Figure S10. ^{13}C NMR spectra of H-G monomer in C*D*Cl$_3$.