Electronic Supplementary Material (ESI) for Polymer Chemistry.
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Supplementary Information

Ionic Hydrogen Bond Donor Organocatalyst for Fast Living Ring-Opening Polymerization

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SUPPLEMENTARY INFORMATION

Figure S1. ^{1}H NMR spectrum of the tetrafluoroborate guanidinium salt $[hppH_2][BF_4]$ (400 MHz, $CDCl_3$).

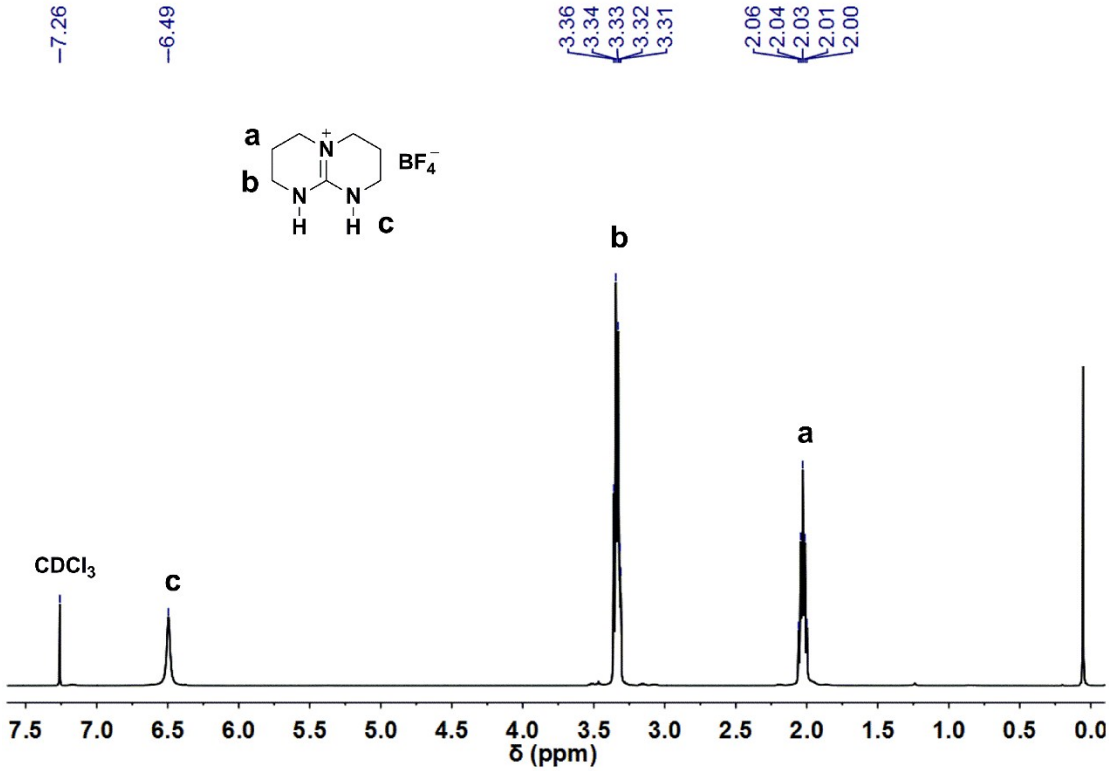

Figure S2. Methine region of ^{13}C NMR spectrum of the obtained polylactide prepared with $[L\text{-}LA]_0/[BnOH]_0$ = 30 at room temperature (400 MHz, $CDCl_3$).

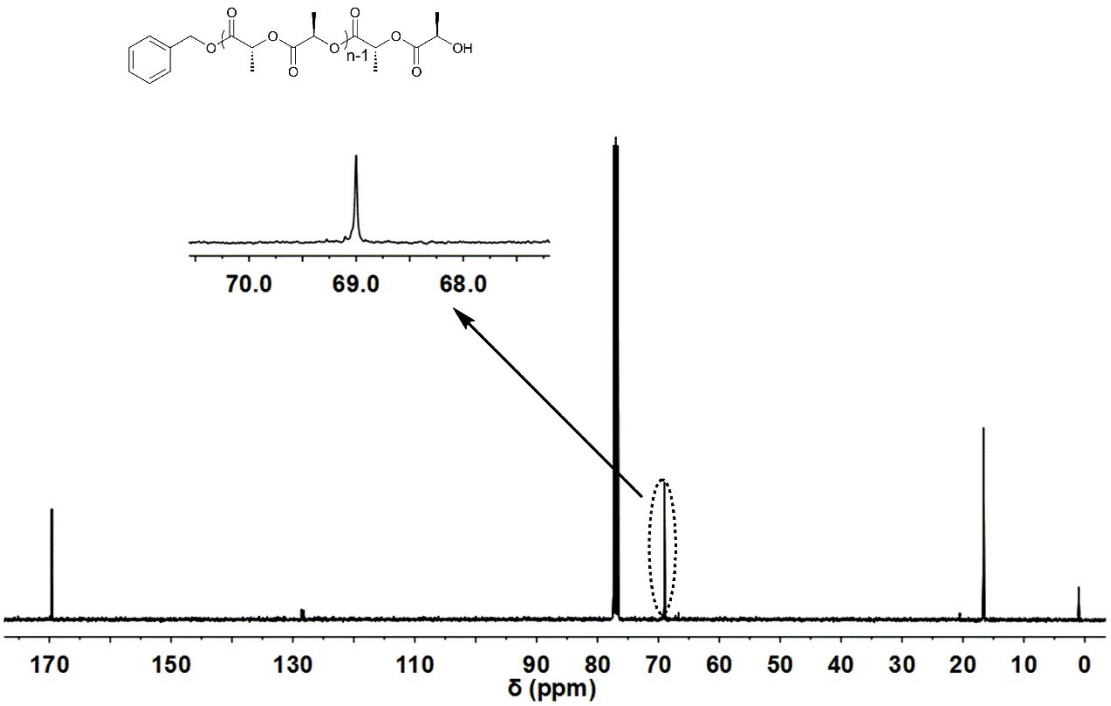
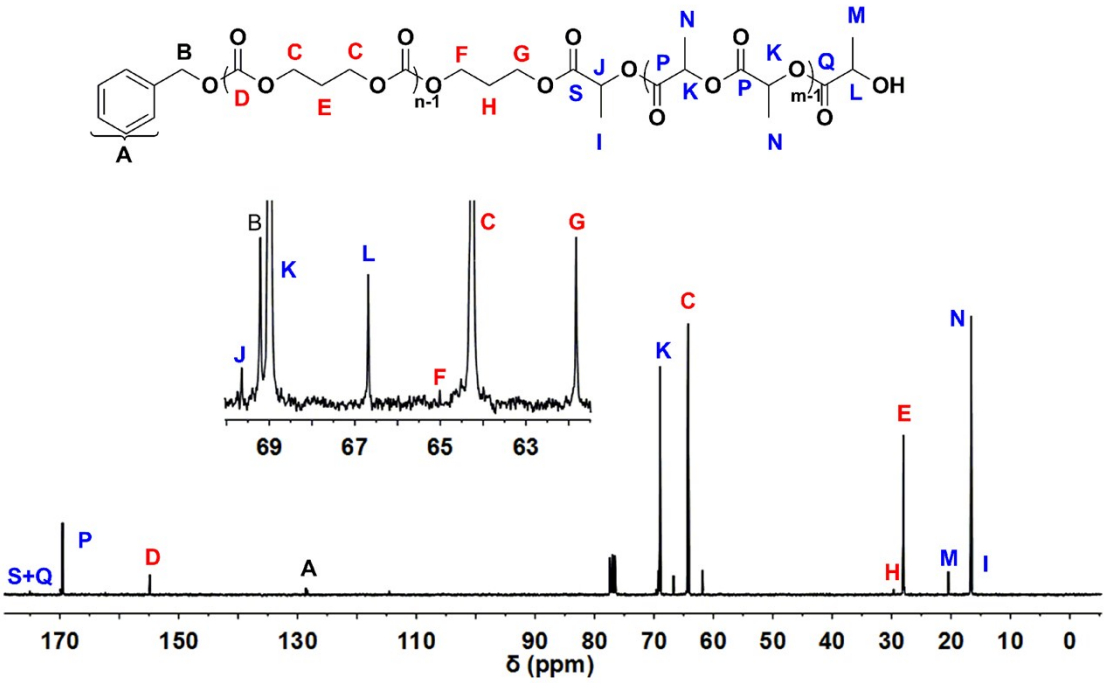
Figure S3. ^{13}C NMR spectrum of PTMC-*b*-PLLA initiate from BnOH in $CDCl_3$.