Supplementary Information

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

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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 $[\text{L-LA}]_0/[\text{BnOH}]_0 = 30$ at room temperature (400 MHz, CDCl$_3$).
Figure S3. $^{13}$C NMR spectrum of PTMC-\(b\)-PLLA initiate from BnOH in CDCl$_3$. 