

Synthesis of poly(L-lactide)-*b*-poly(amino acid)s block copolymers by noncovalent protection of hetero-initiator

Siheng Zhang,^a Jianda Niu,^a Enchi Hu,^a Liguo Xu,^b Zhixian Dong,^a Jinbao Xu,^{*a} and Caihong Lei^{*a}

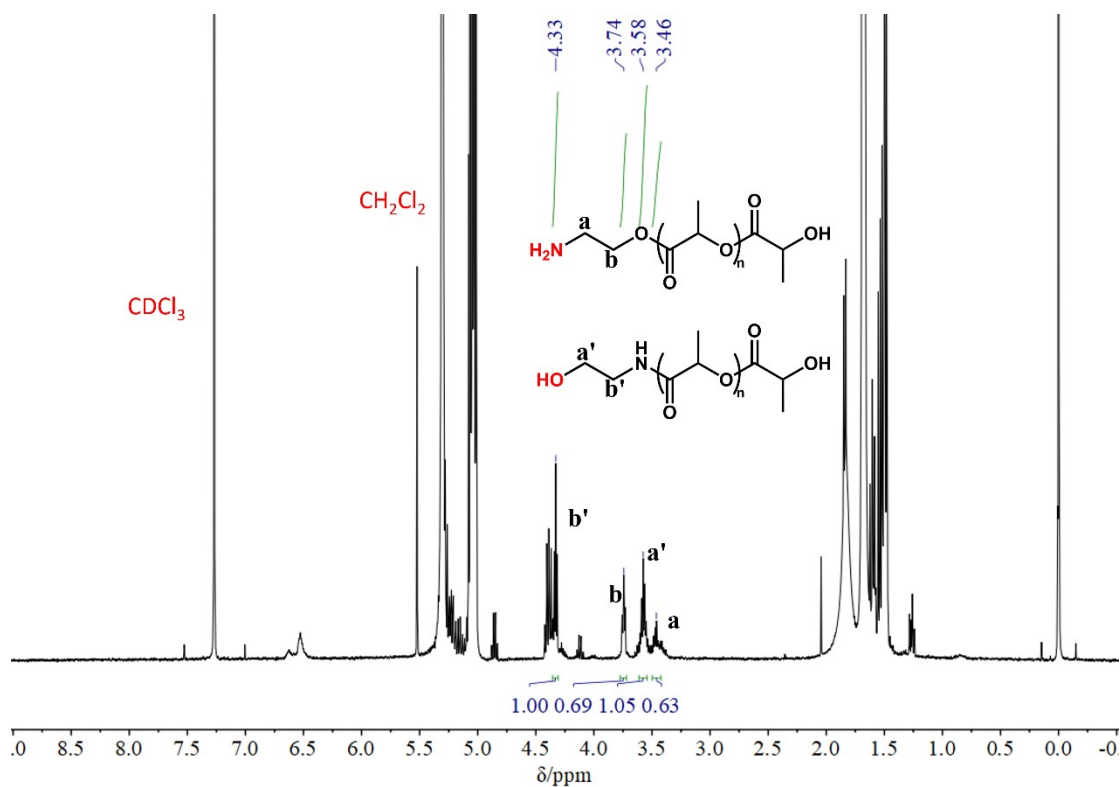


Fig. S1. ¹H NMR spectrum of LA mixed with AE in DCM at room temperature to observe the possible reaction (CDCl₃).

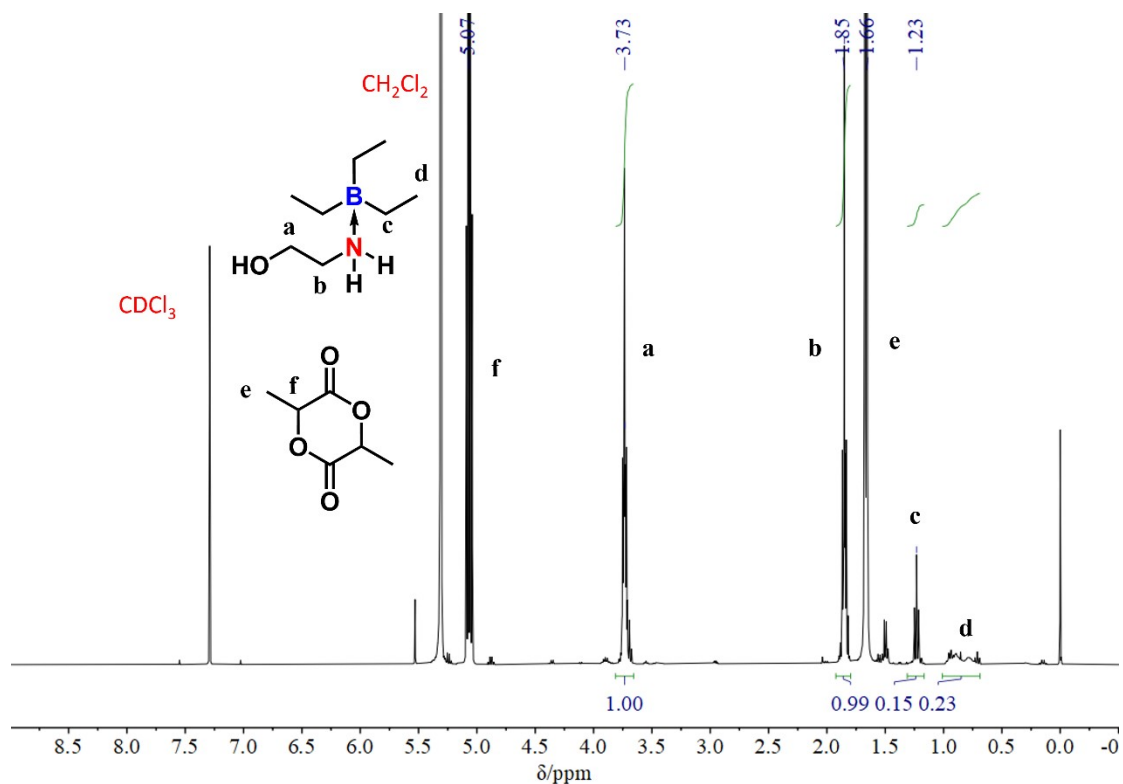


Fig. S2. ^1H NMR spectrum of LA mixed with AE protected by Et_3B in DCM at room temperature (CDCl_3).

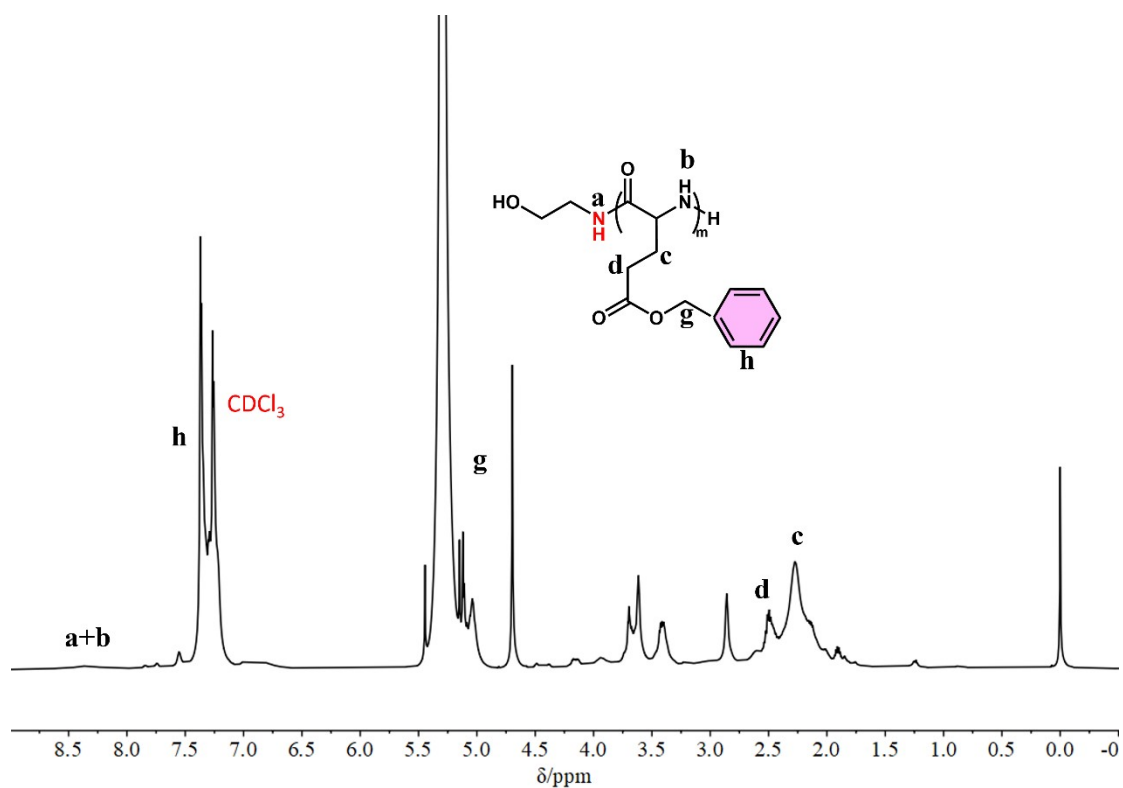


Fig. S3. ^1H NMR spectrum of Bn-GLuNCA mixed with AE in DCM for 16 h (CDCl_3).

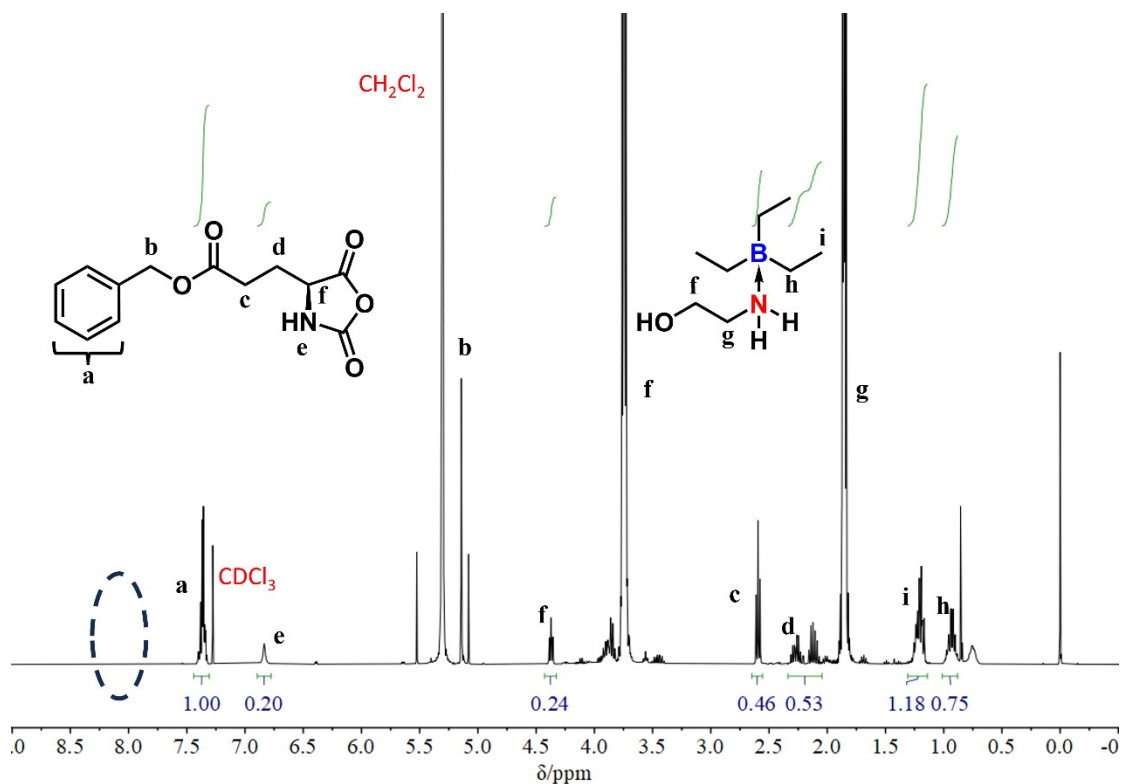


Fig. S4. ¹H NMR spectrum of Bn-GLuNCA mixed with AE protected by Et₃B in DCM for 4 h (CDCl₃).

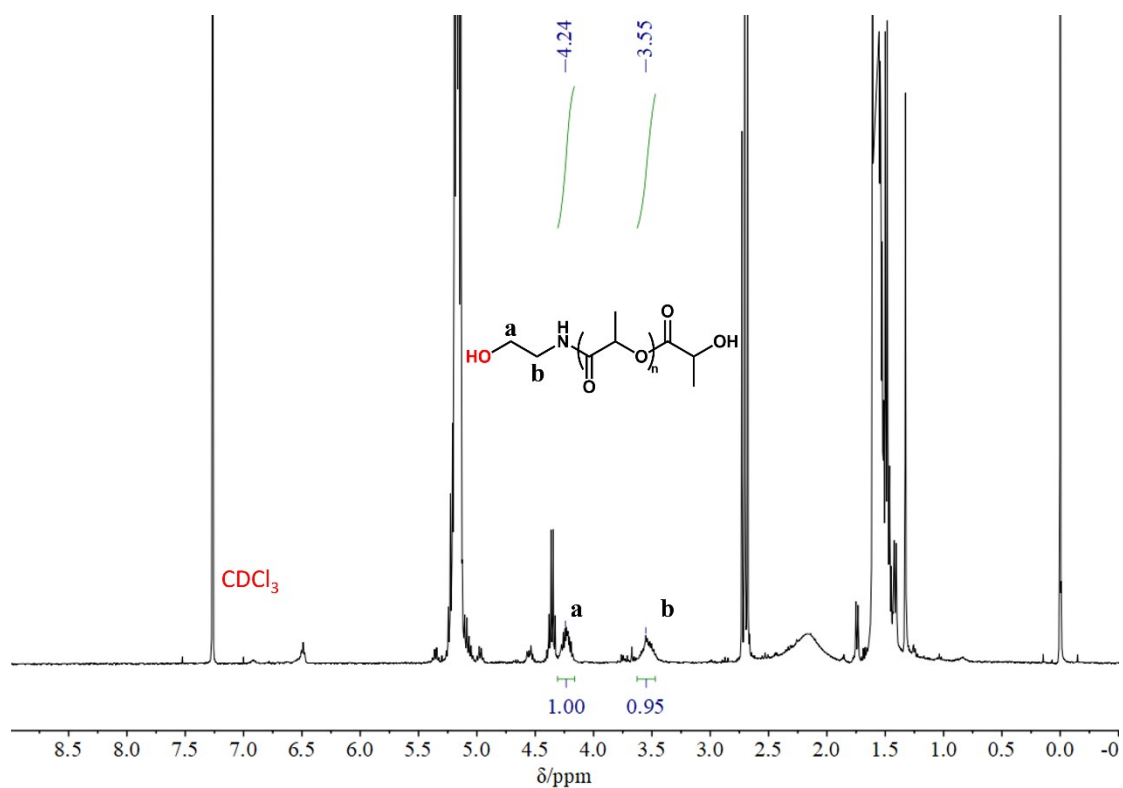


Fig. S5. ¹H NMR spectrum of the isolated product of LA mixed with AE and DBU in DCM (CDCl₃).

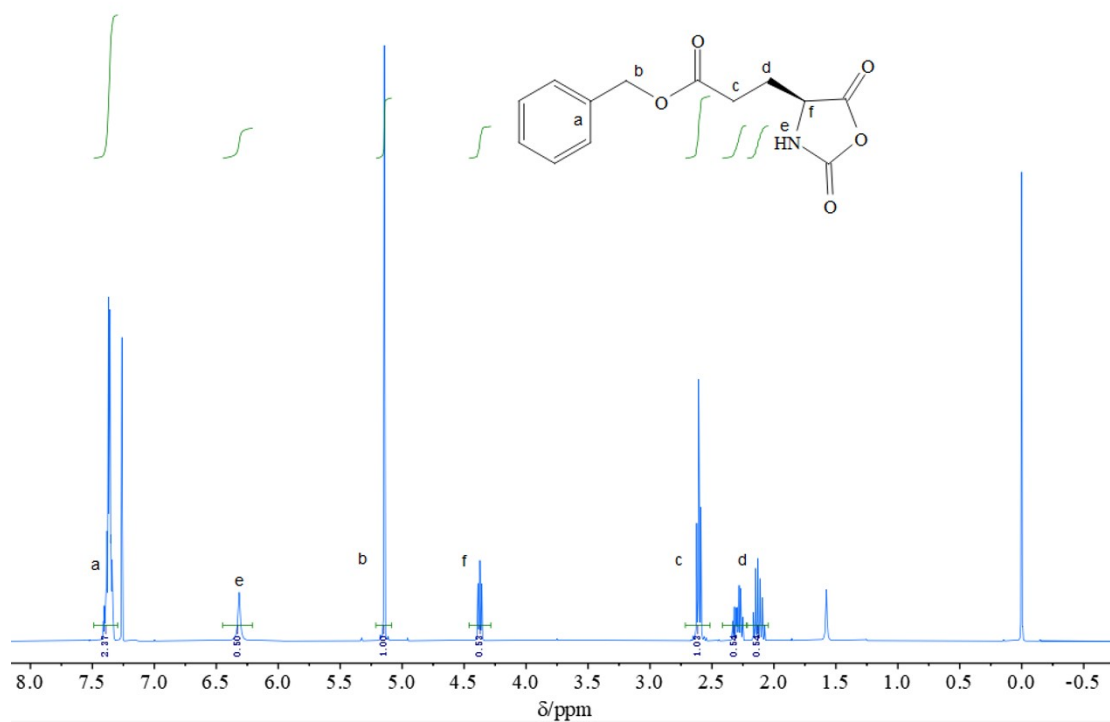


Fig. S6. ^1H NMR spectrum of the isolated product of Bn-GLuNCA (CDCl_3).

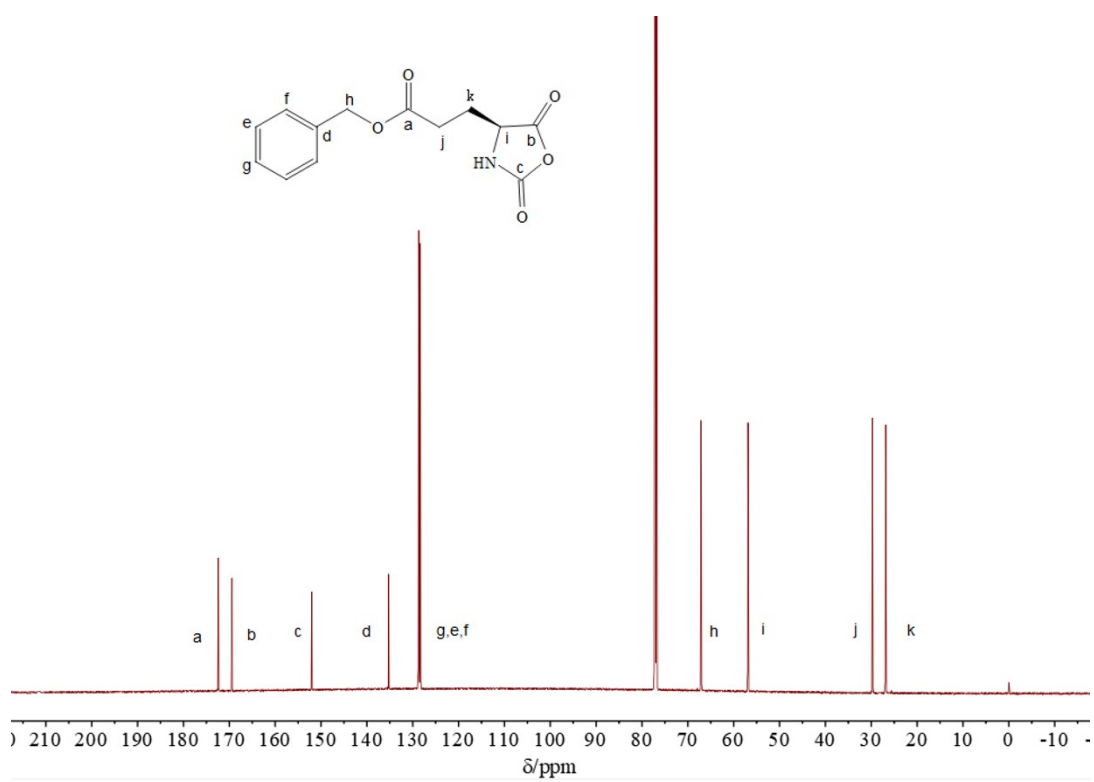


Fig. S7. ^{13}C NMR spectrum of the isolated product of BLG-NCA (CDCl_3).

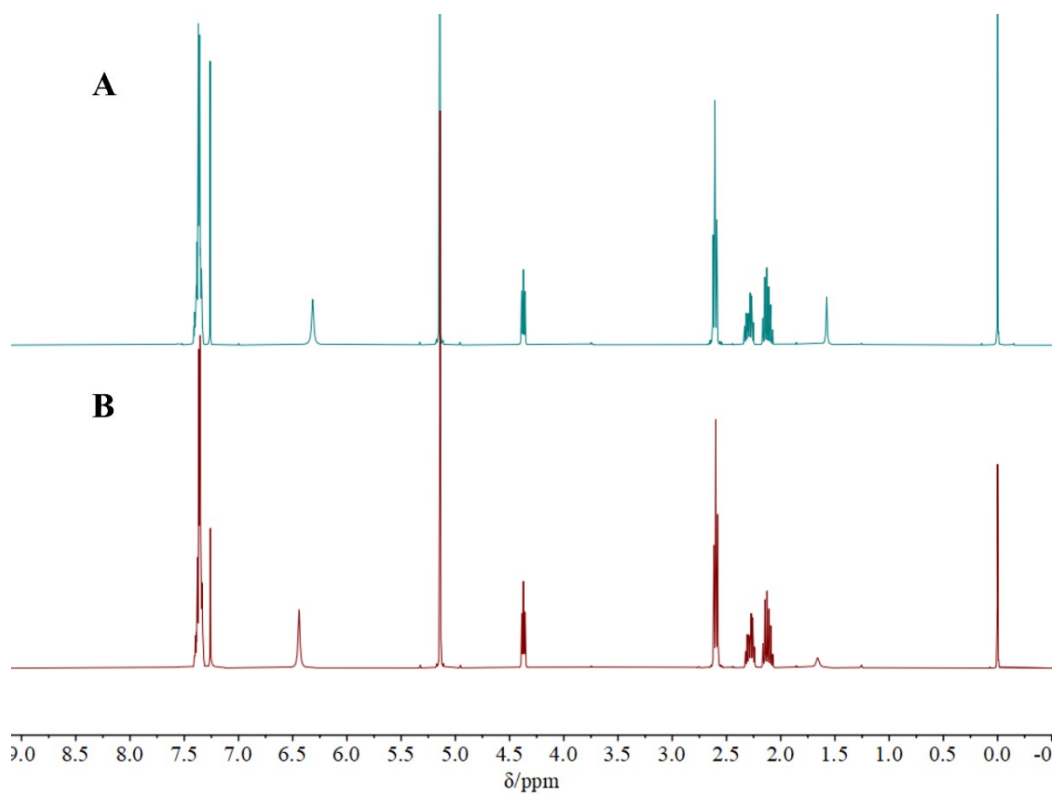


Fig. S8. ¹H NMR spectrum of the isolated product (A in 2023 and B in 2024) of Bn-GLuNCA (CDCl₃).