Syntheses and Structures of Lanthanide Borohydrides Supported by a Bridged Bis(amidinate) Ligand and Their High Activity for the Controlled Polymerization of ε-Caprolactone, L-Lactide and *rac*-Lactide

Wenbo Li[a], Mingqiang Xue[a], Jing Tu[a], Yong Zhang[a], Qi Shen[a, b]*

The end group analyses were conducted at the conditions as follow: the typical procedure, $[M]_0/[I]_0$ = 10, solvent = Tol, [M] = 0.20 M, temperature = 20 °C, Time = 1h, and the polymerization solution was quenched by an addition of wet n-hexane and poured into n-hexane to precipitate the polymer. ^{1}H NMR spectra was recorded on a Unity Inova-400 spectroscopy instrument and processed using NUTS software in $CDCl_3$ at 20 °C.

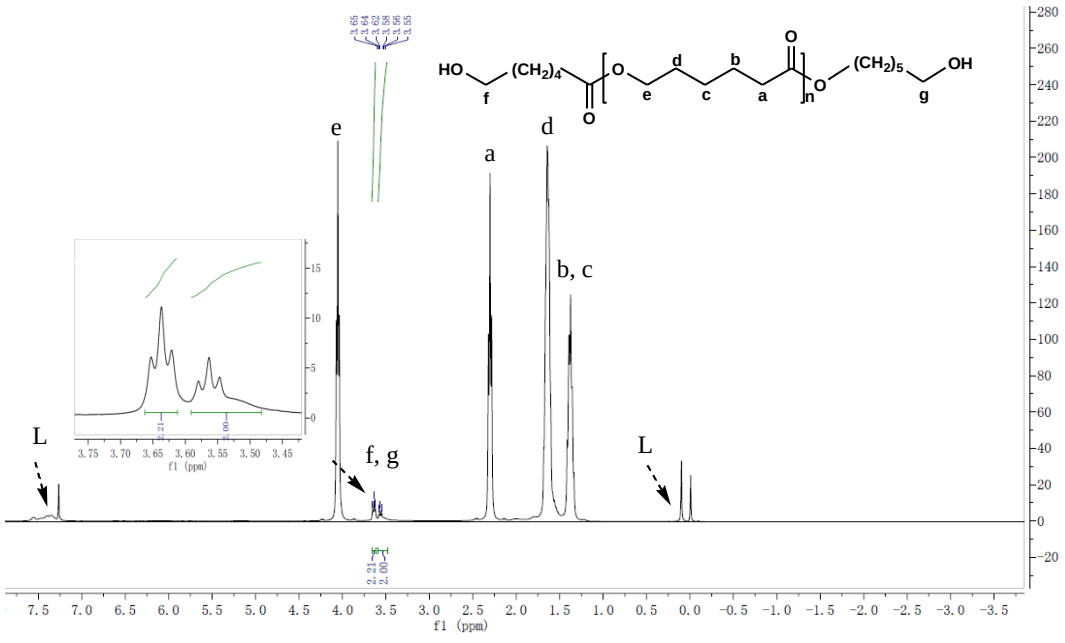

Figure 8. ^{1}H NMR spectrum of the product obtained by end group analysis of ε-CL.

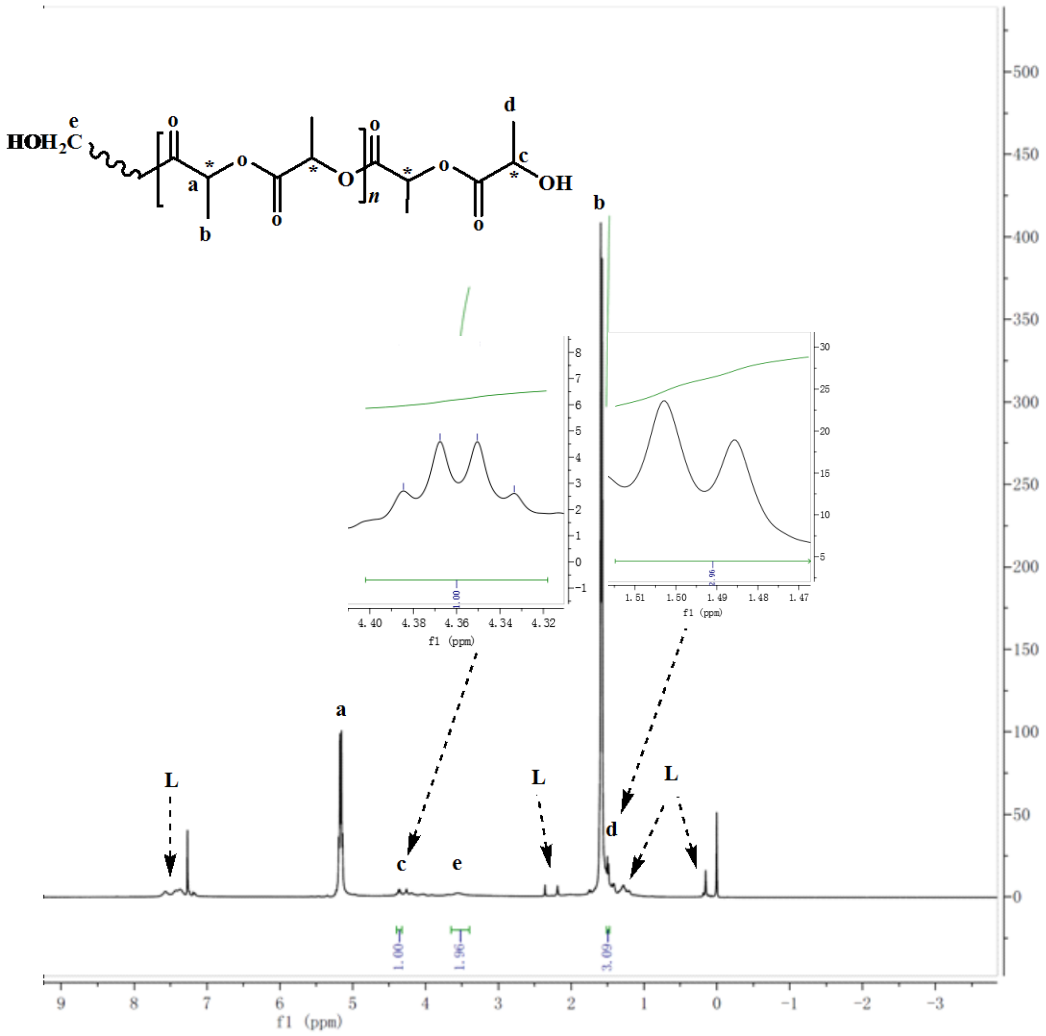

Figure 9. ^{1}H NMR spectrum of the product obtained by end group analysis of L-LA.

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