



Suppl. Fig. 1. ^1H NMR spectrum of PLA-50 (the number 50 indicates the designed $[\text{M}]_0/[\text{I}]_0$) in CDCl_3 initiated by $[(\text{EDBP-H})\text{Li}(\text{BnOH})]_2$ (**2**) (Table 1, entry 3). Peaks at 7.32 ppm ($\text{C}_6\text{H}_5\text{CH}_2-$) and 4.38 ($\text{HOCHMe}-$) indicate this polymer containing a benzyl alkoxy and a hydroxyl chain end.

