Synthesis, characterization and reactivity of single-site aluminium amides bearing benzotriazole phenoxide ligands: Catalysis for ring-opening polymerization of lactide and carbon dioxide/propylene oxide coupling

Chen-Yu Li, Dei-Cheng Liu and Bao-Tsan Ko*

**Fig. S1** $^1$H NMR spectrum of PLLA-50 (Table 2, entry 5) in CDCl$_3$.

**Fig. S2** Homonuclear decoupled $^1$H NMR spectrum (400 MHz, CDCl$_3$) of the methine region of PLA-100 (Table 2, entry 12) prepared from rac-LA polymerization initiated by 3 in toluene at 80 °C.
Fig. S1 $^1$H NMR spectrum of PLLA-50 (Table 2, entry 5) in CDCl$_3$. 

![NMR spectrum diagram]

The spectrum shows peaks at various ppm values, indicating the presence of different chemical groups in the PLLA-50 sample.
Fig. S2 Homonuclear decoupled $^1$H NMR spectrum (400 MHz, CDCl$_3$) of the methine region of PLA-100 (Table 2, entry 12) prepared from rac-LA polymerization initiated by 3 in toluene at 80 °C.