

Electronic Supplementary Information

Linear and Three-arm Star Hydroxytelechelic Poly(Benzyl β -Malolactonate)s: A Straightforward One-step Synthesis through Ring-Opening Polymerization

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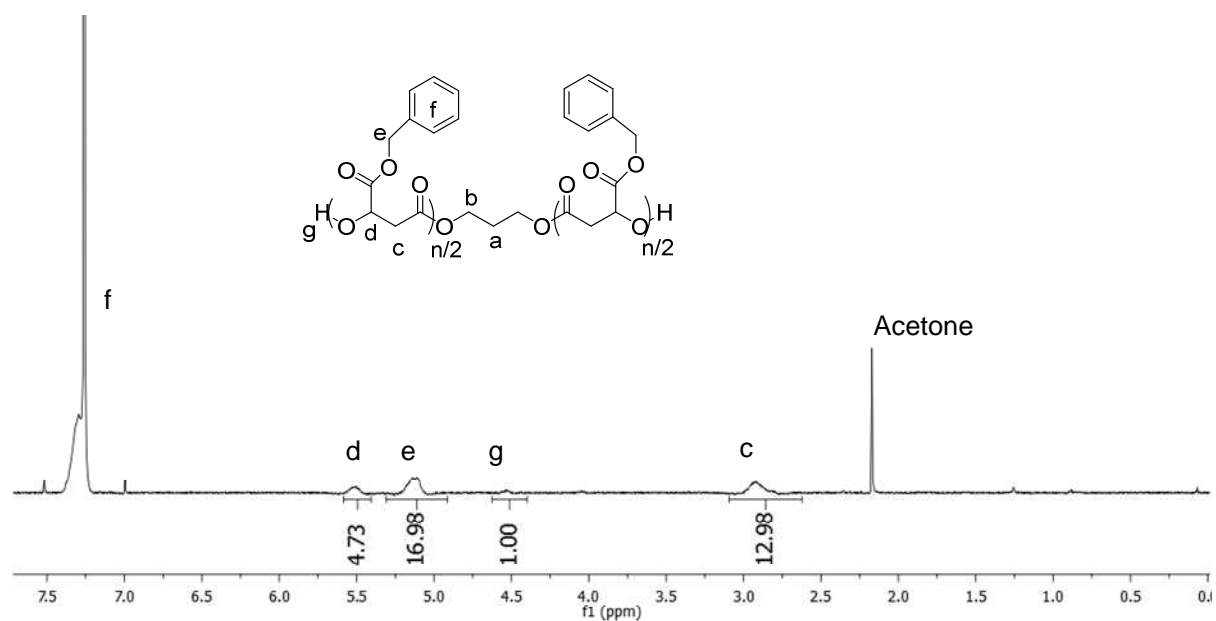


Figure S1. ^1H NMR spectrum (CDCl_3 , 400 MHz, 25 °C) of a PMLA^{Be} diol synthesized by ROP of MLA^{Be} catalyzed by $\text{Bi}(\text{OTf})_3$ in presence of 5 equiv. of 1,3-propane diol as initiator (Table 1, entry 2).

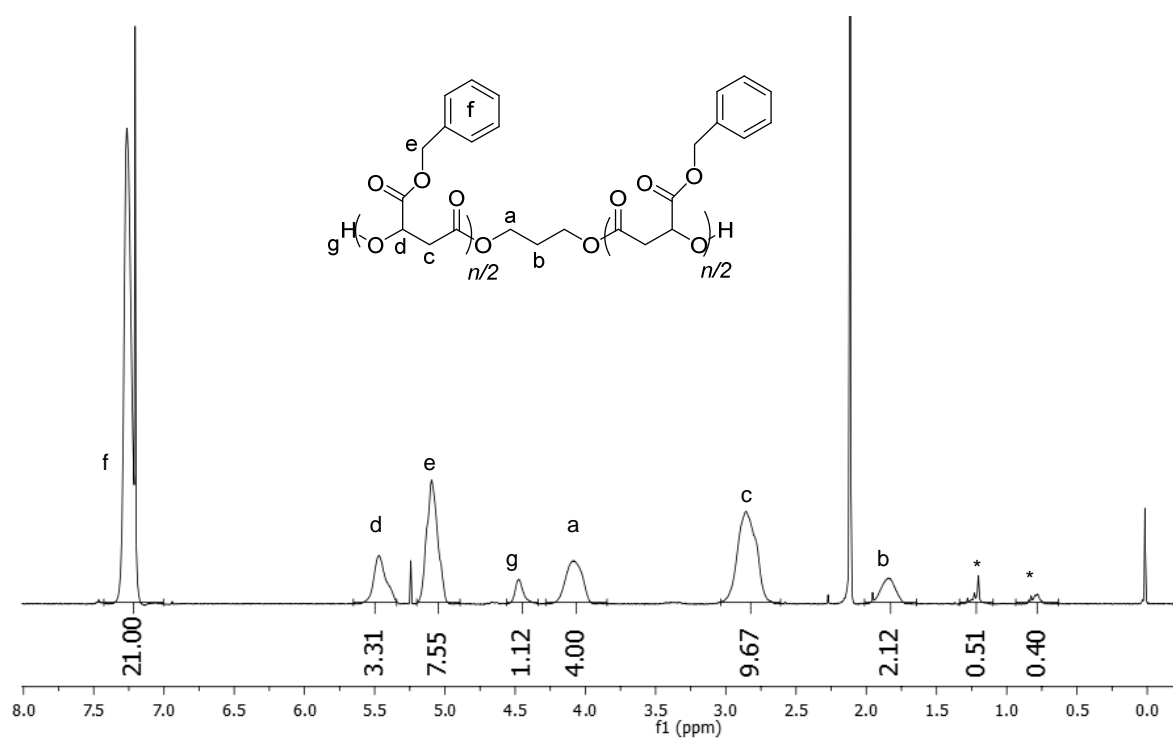


Figure S2. ^1H NMR spectrum (CDCl_3 , 400 MHz, 25 °C) of a PMLA^{Be} diol synthesized by ROP of MLA^{Be} catalyzed by MSA in presence of 5 equiv. of 1,3-propane diol as initiator (Table 1, entry 13).