Electronic Supplementary Material (ESI) for Polymer Chemistry.

Supporting Information

PET-RAFT to Expand Surface-Modification Chemistry of Melt Coextruded Nanofibers

Justin D. Hochberg, David M. Wirth, and Jonathan K. Pokorski*

Department of NanoEngineering, University of California San Diego, Jacobs School of Engineering, La Jolla, California 92093, United States

Email Address: jpokorski@ucsd.edu

Phone Number: 858-246-3183

Address: 9500 Gilman Dr., SME Building 243J, La Jolla, California 92093, United States

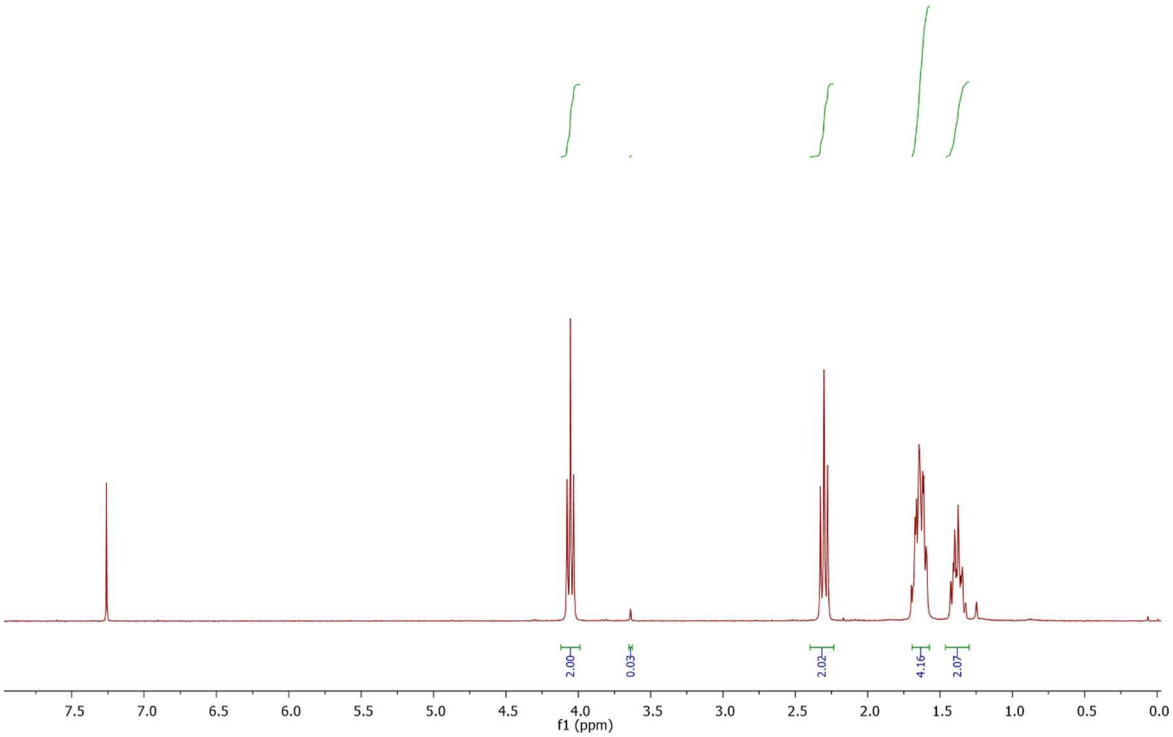

Figure S1. NMR of isolated PCL nanofibers. PCL: ^{1}H NMR (300 MHz, CDCl3), δ(ppm): 4.06 (2H, t), 2.30 (2H, t), 1.65 (4H, quint), 1.39 (2H, quint). PEO: ^{1}H NMR (300 MHz, CDCl3), δ(ppm): 3.64 (0.03H, s)

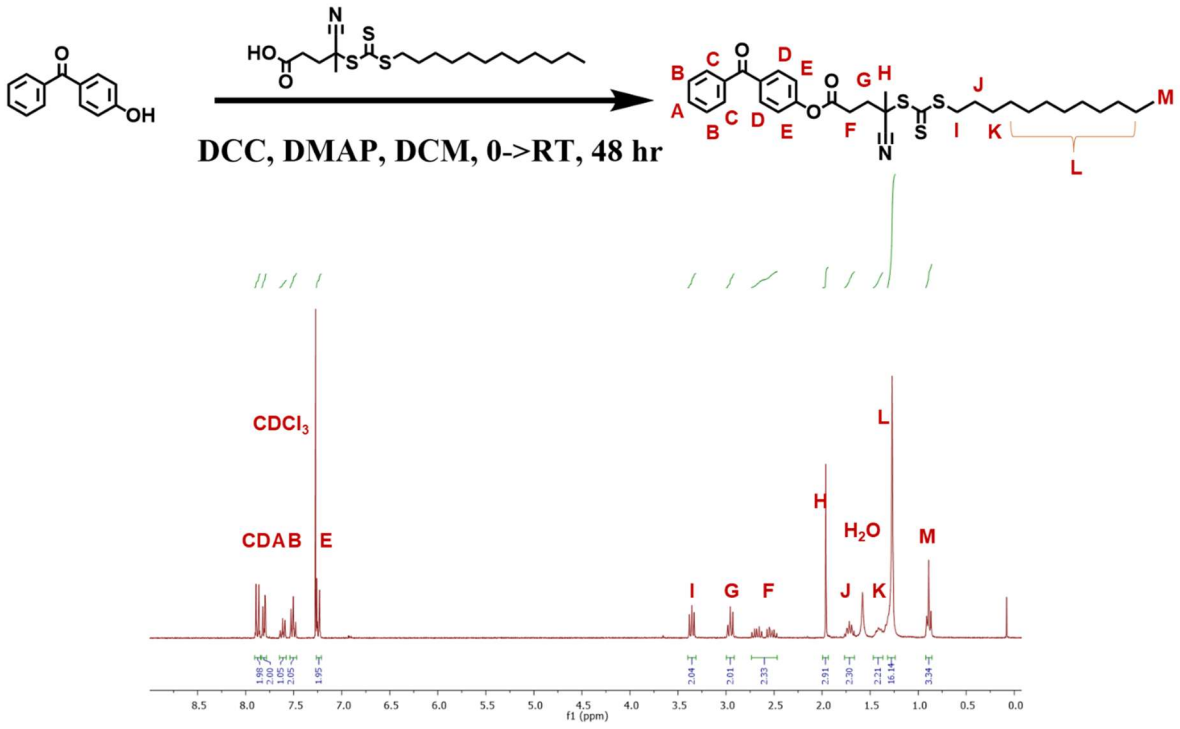

Figure S2. Synthesis of benz-CTA. (A) Chemical scheme of benz-CTA synthesis. (B) ^{1}H NMR (300 MHz, CDCl3) of benz-CTA.