Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Direct synthesis of thiol-terminated poly(ε-caprolactone): study on polymerization kinetics, mechanism and rare earth phenolates' structure-activity relationship

Yihuan Liu, Weijun Huang, Ning Zhu and Kai Guo*

College of Biotechnology and Pharmaceutical Engineering, State Key Laboratory of Materials-Oriented Chemical Engineering, Nanjing Tech University, Nanjing 211800, China

Corresponding author: guok@njtech.edu.cn

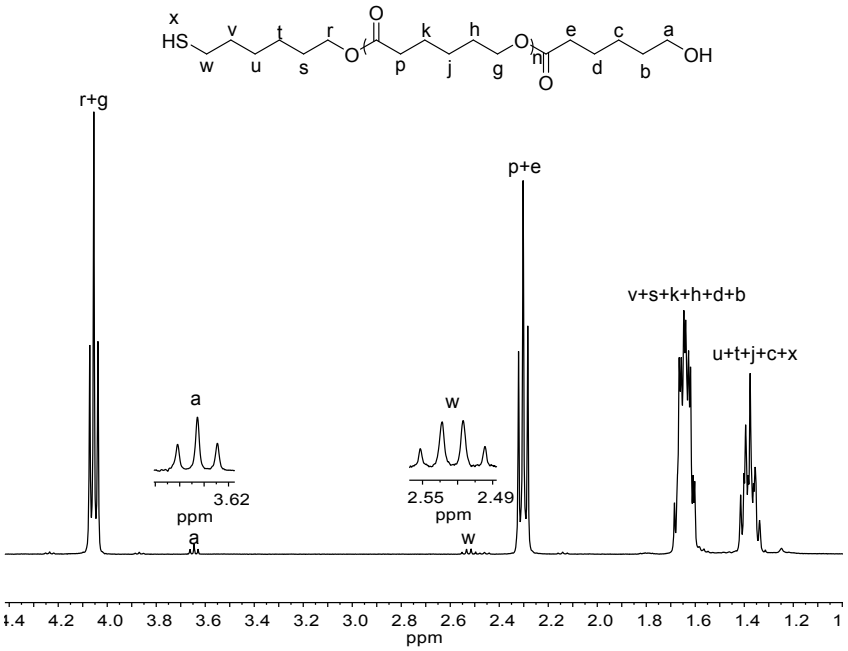

Fig. S1 ^{1}H NMR of thiol-terminated poly(ε-caprolactone) ([CL]/[MH]/[**8**] = 40/1/0.2, 1 h, [CL] = 1.7 mol/L 30 °C)

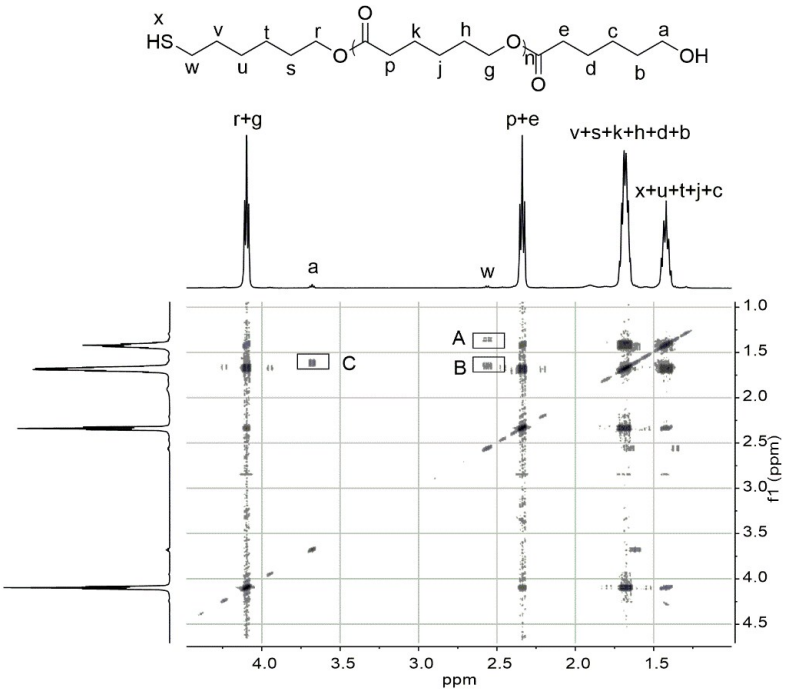

Fig. S2 ^{1}H-^{1}H COSY of thiol- terminated poly(ε-caprolactone) ([CL]/[MH]/[**8**] = 40/1/0.2, 1 h, [CL] = 1.7 mol/L 30 °C)

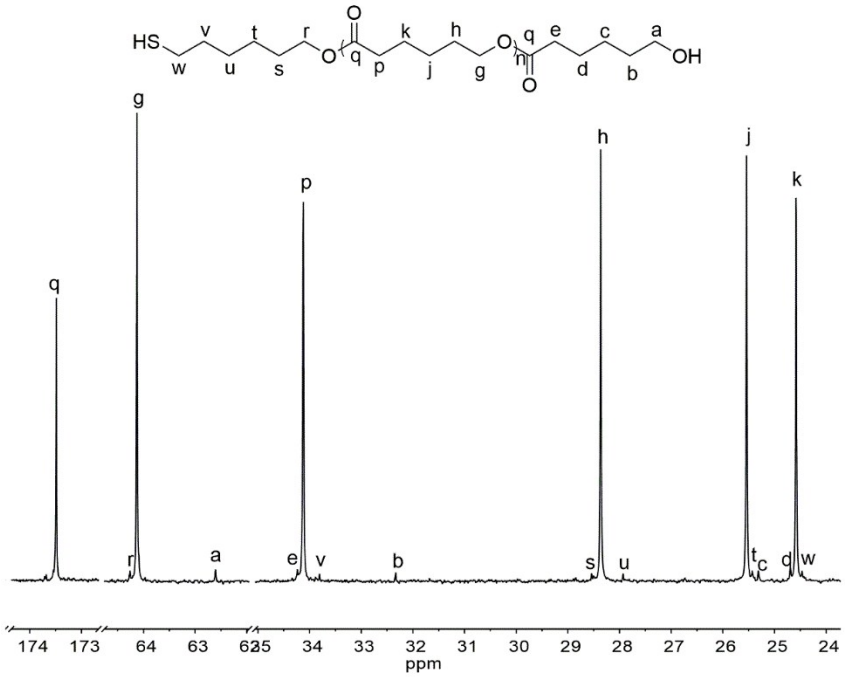

Fig. S3 ^{13}C NMR of thiol-terminated poly(ε-caprolactone) ([CL]/[MH]/[**8**] = 40/1/0.2, 1 h, [CL] = 1.7 mol/L 30 ^{o}C)