

# Synthesis, Characterization, and Antimicrobial Evaluation of Random Poly(ester-Carbonate)s Bearing Pendant Primary Amine in the Main Chain

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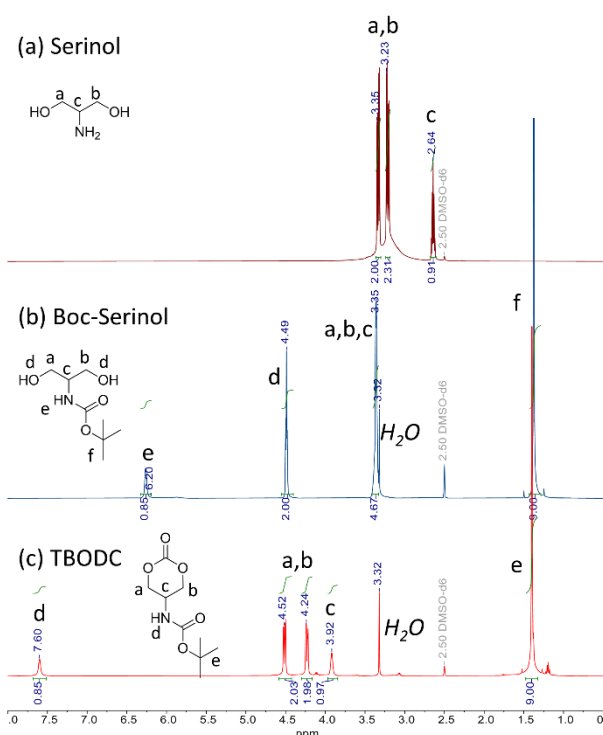


Figure S1.  $^1\text{H}$  NMR spectra of serinol (a), Boc-serinol (b) and TBODC(c)( $\text{DMSO-}d_6$ , 400 MHz).

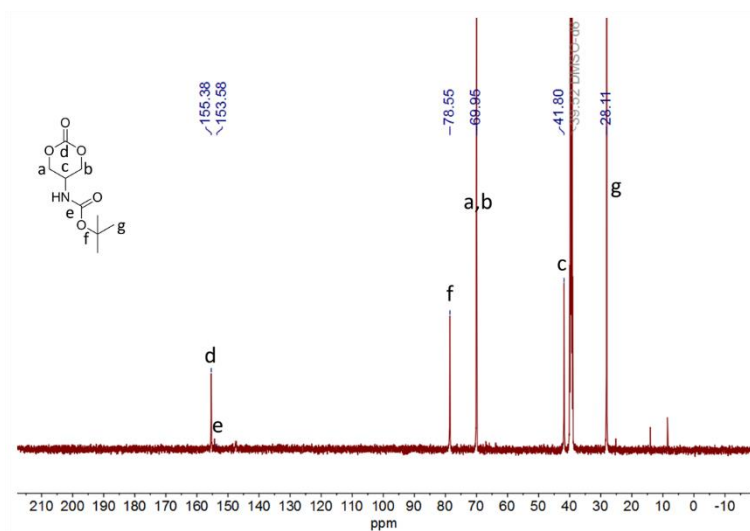


Figure S2.  $^{13}\text{C}$  NMR spectrum of TBODC ( $\text{DMSO-}d_6$ , 100 MHz)

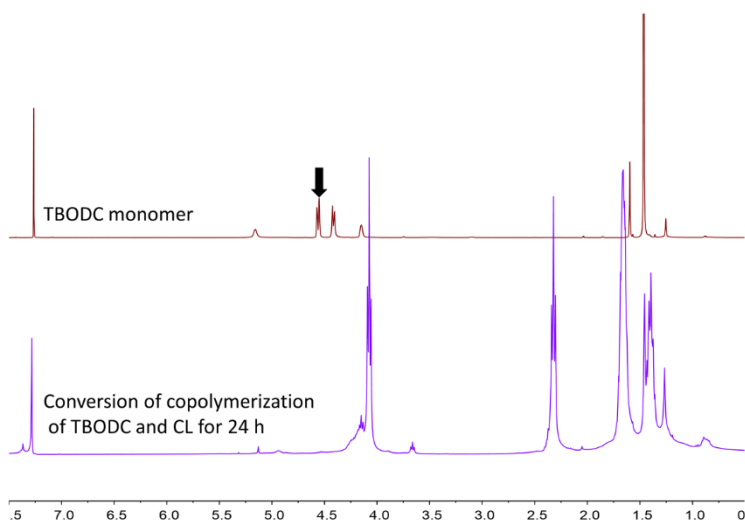


Figure S3. Investigation of copolymerization time of TBODC and CL.

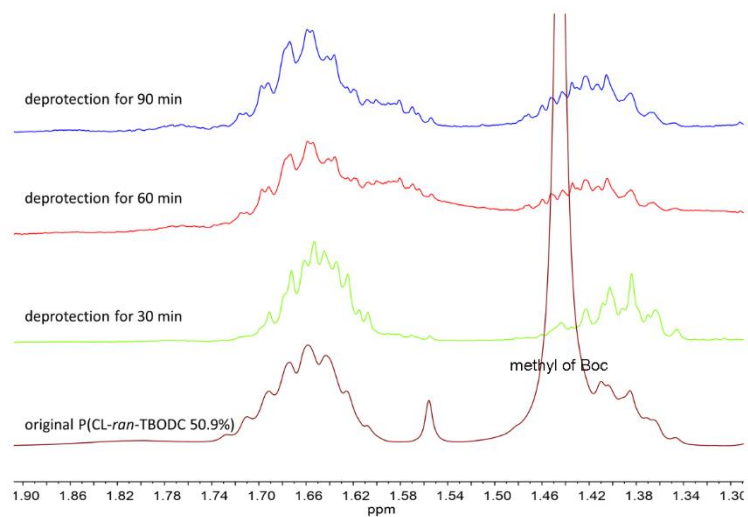


Figure S4.  $^1\text{H}$  NMR spectra of P(CL-ran-TBODC 50.9%) after deprotection for certain time