

# Supporting Information

## Poly(ortho ester amides): Acid-labile Temperature-responsive Copolymers for Potential Biomedical Applications

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## Supporting Information

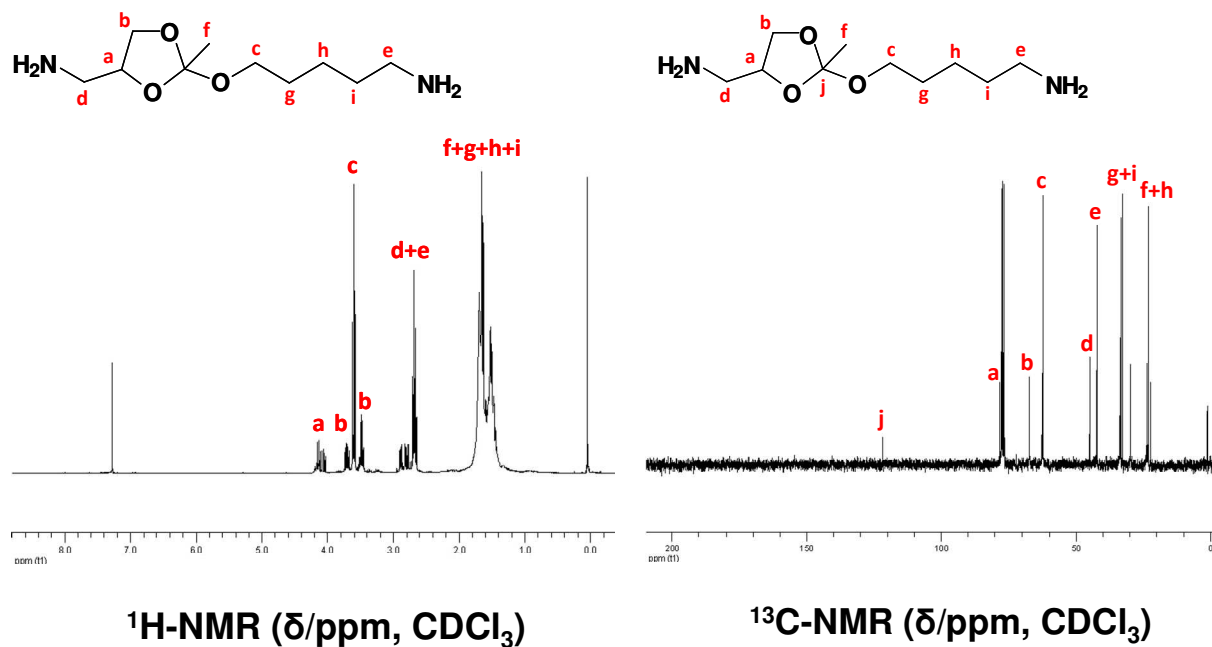


Figure S1.  $^1\text{H}$  and  $^{13}\text{C}$ -NMR spectra of ortho ester diamine monomer.

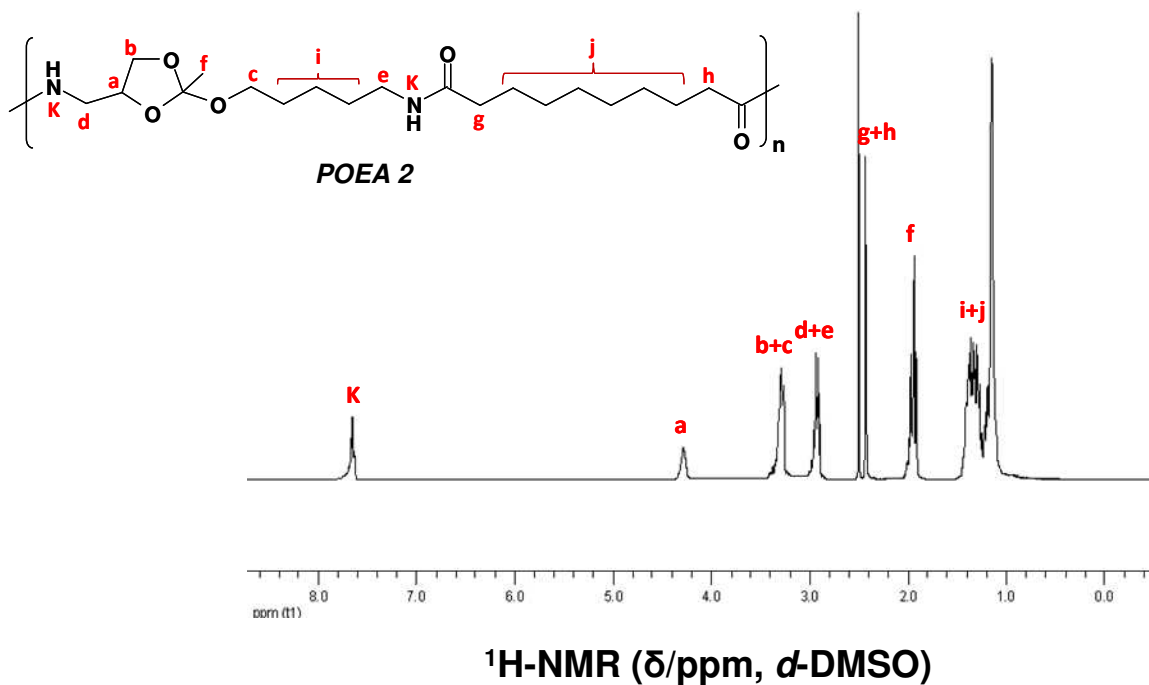
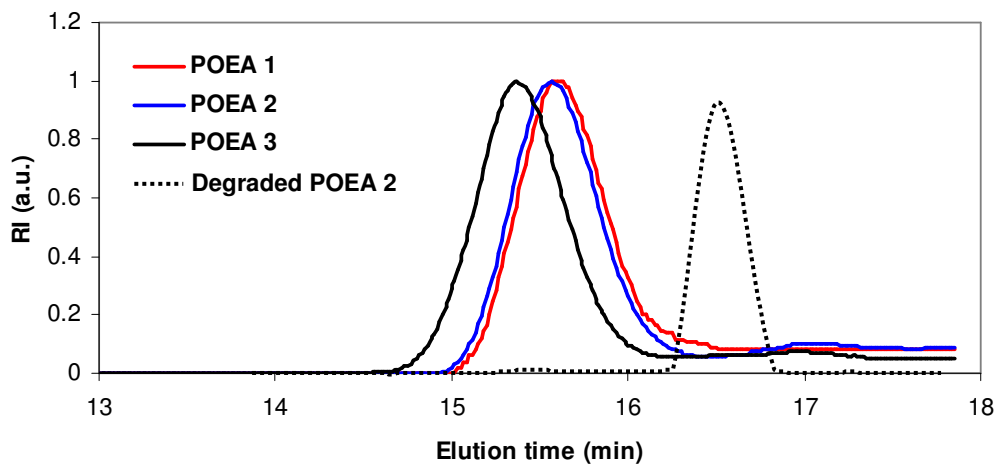
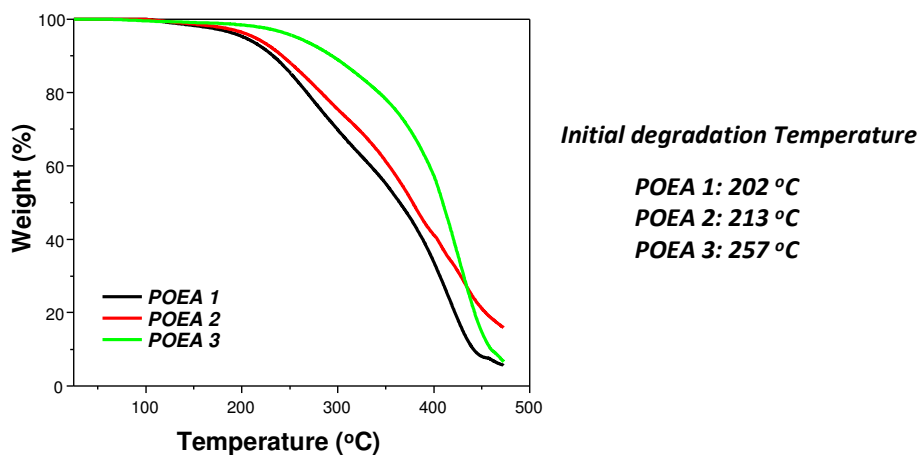


Figure S2. A representative  $^1\text{H}$  NMR spectrum of POEA.

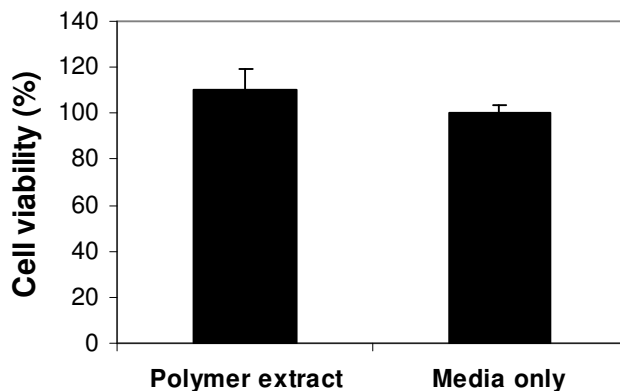


**Figure S3.** GPC profiles of POEA polymers and degraded POEA 2. Mobile phase: methanol/TEA (1%).

Molecular weight determination was based on PEG standards.



**Figure S4.** TGA thermograms of POEA polymers.



**Figure S5.** Viability of NIH3T3 fibroblasts in the presence of polymer extract (POEA 2).