

Electronic Supplementary Information

Synthesis and Characterization of Elastic Star Shape- Memory Polymers as Self-Expandable Drug-Eluting Stent

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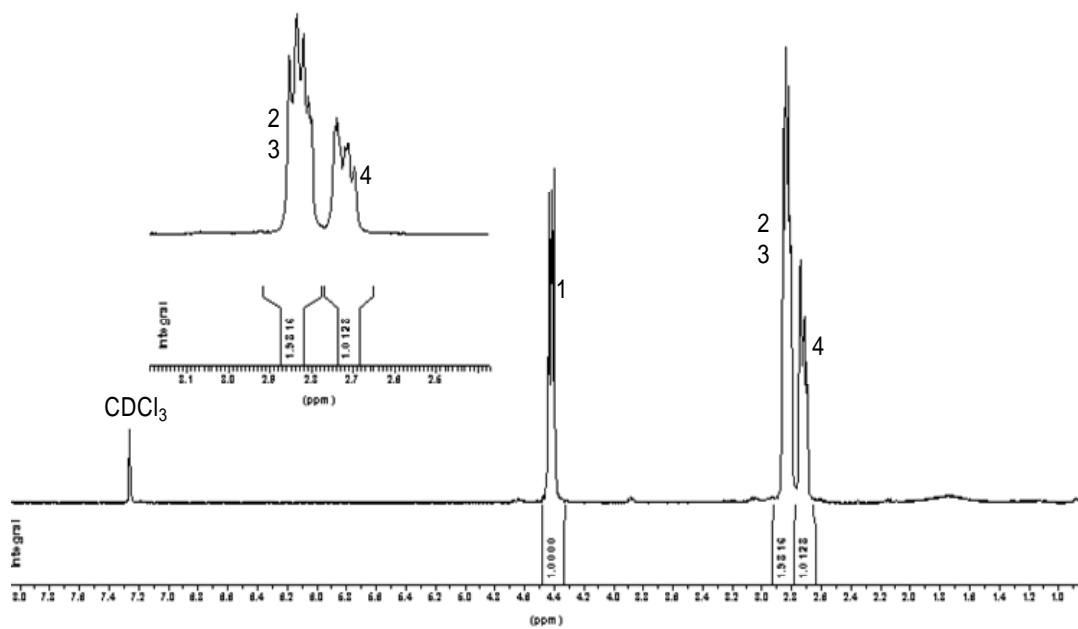
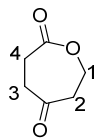


Figure S1. ^1H NMR spectrum of OPD in CDCl_3 at 298K.

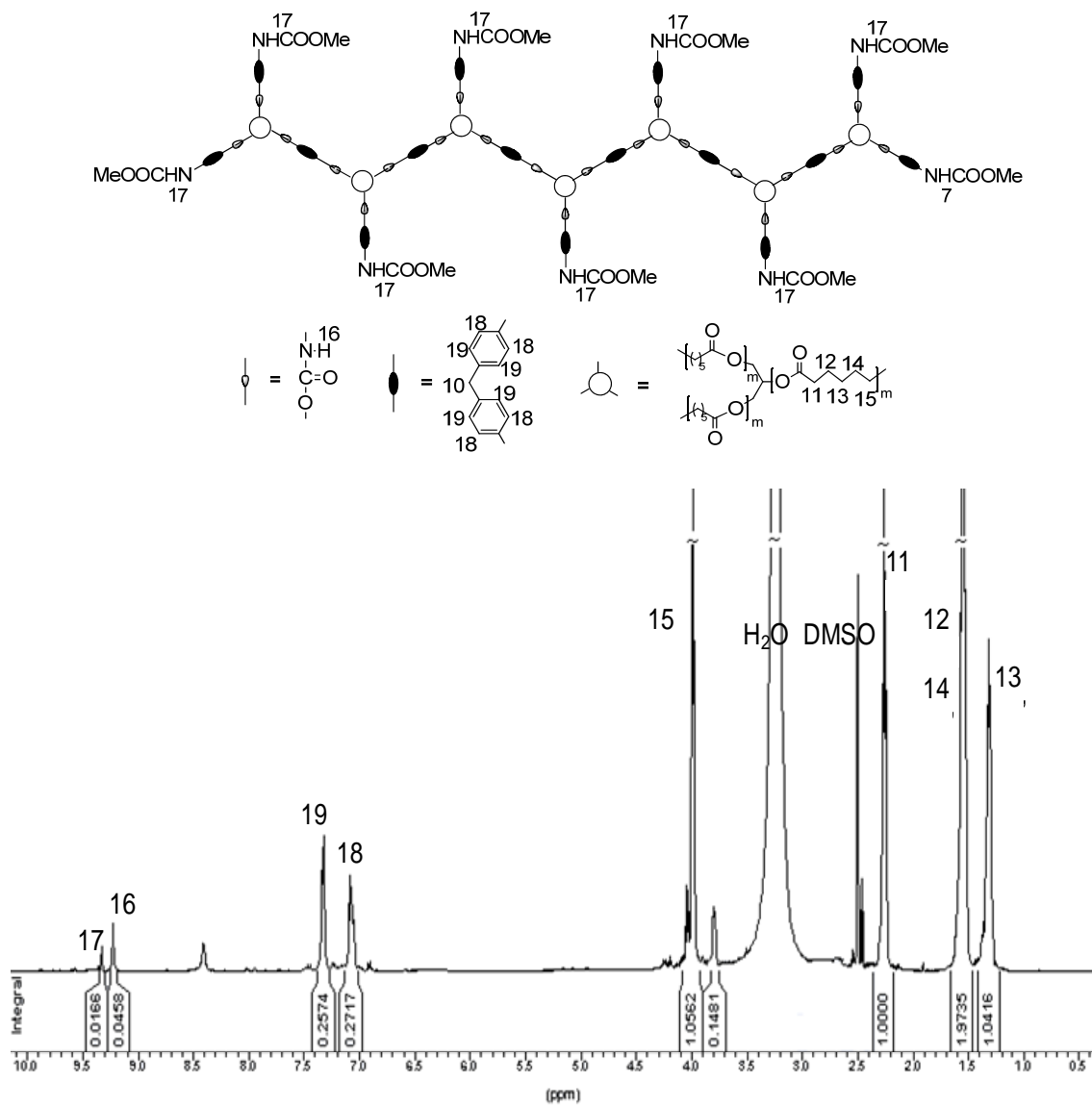


Figure S2. ¹H NMR spectrum of HPCLI in DMSO-*d*₆ at 333 K.

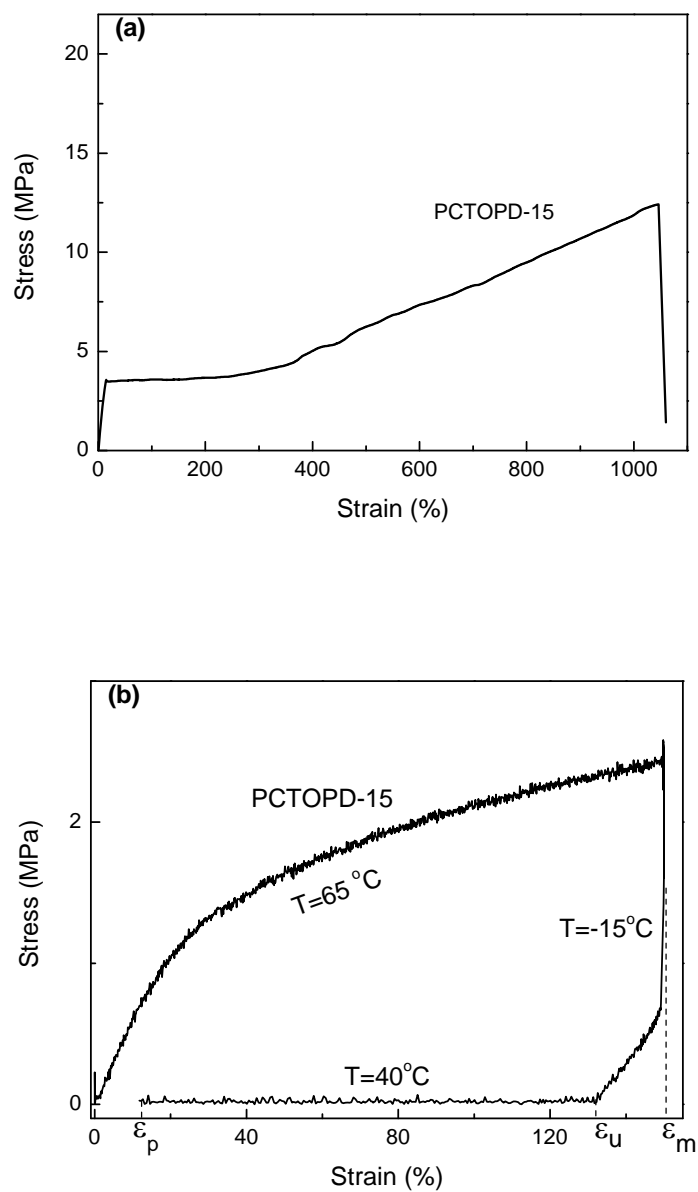


Figure S3. a) Strain-stress curve of PCTOPD-15 at room temperature; b) Strain-stress curve of PCTOPD-15 from cyclic thermomechanical tensile tests with ϵ_m of 150%. The film was elongated to ϵ_m of 150% at 65°C , cooled down to -15°C , kept at -15°C and unloaded, and then heated to 40°C

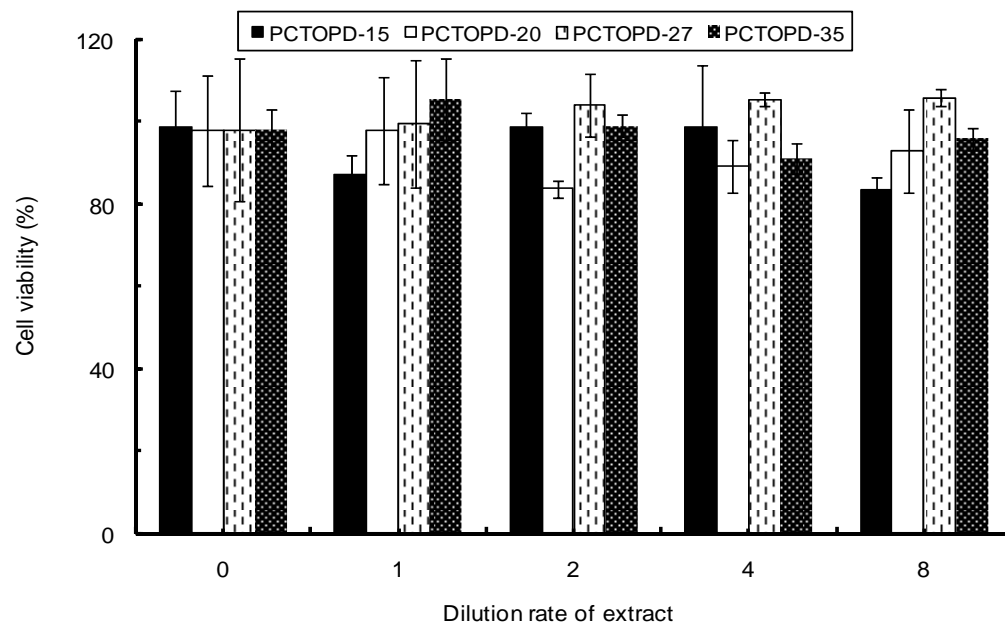


Figure S4. Viability of L929 cells after 3 days incubation in different concentrations of aqueous extracts of PCTOPD films.