

## Supporting Information

### PLA-Based Thermogel For The Sustained Delivery Of Chemotherapeutics In A Mouse Model Of Hepatocellular Carcinoma

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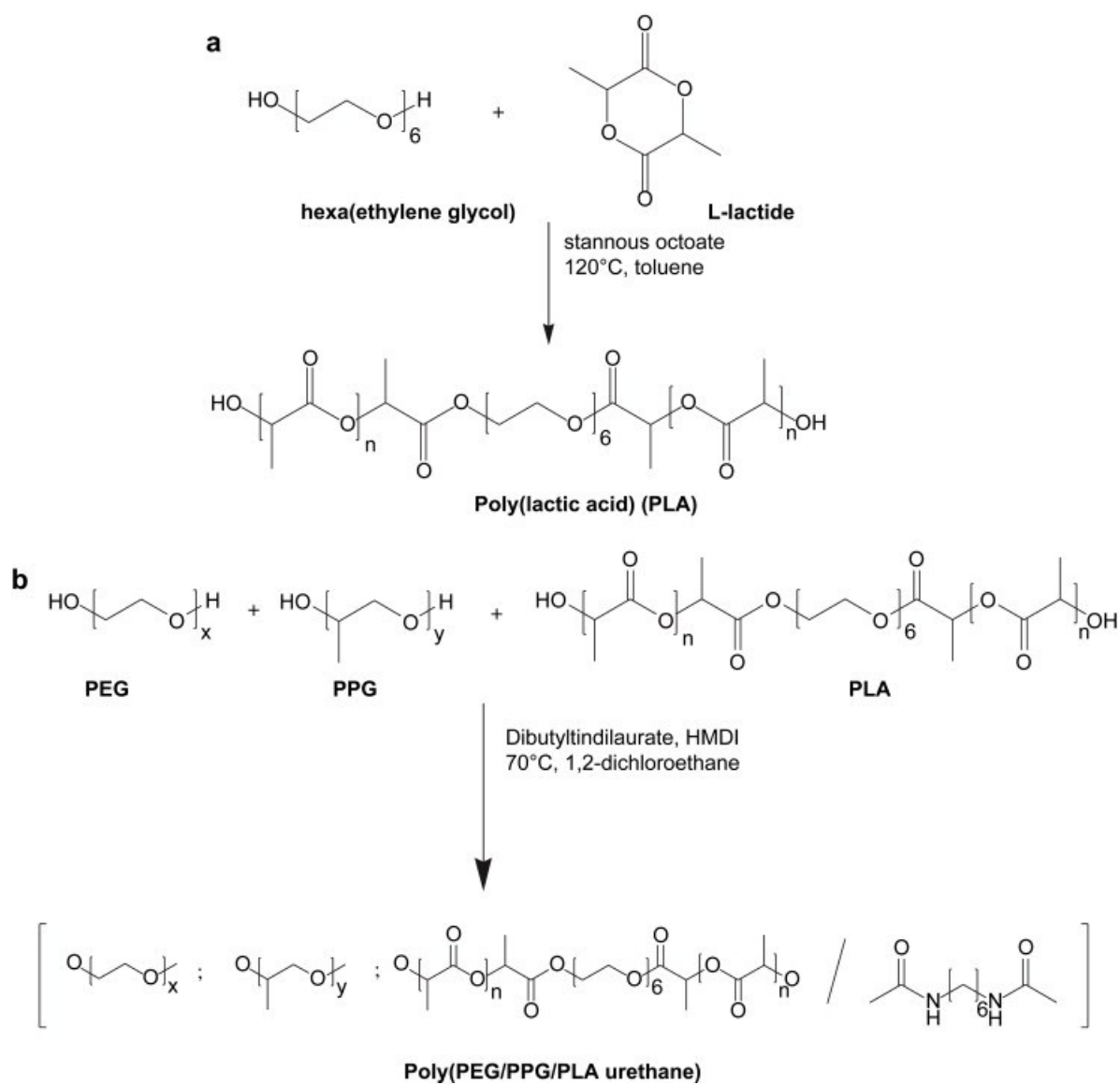
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**Keywords:** poly(lactic acid), paclitaxel, thermogelling, drug delivery



Scheme S1. Synthesis of PLA-diol and poly(PEG/PPG/PLA urethane)s.

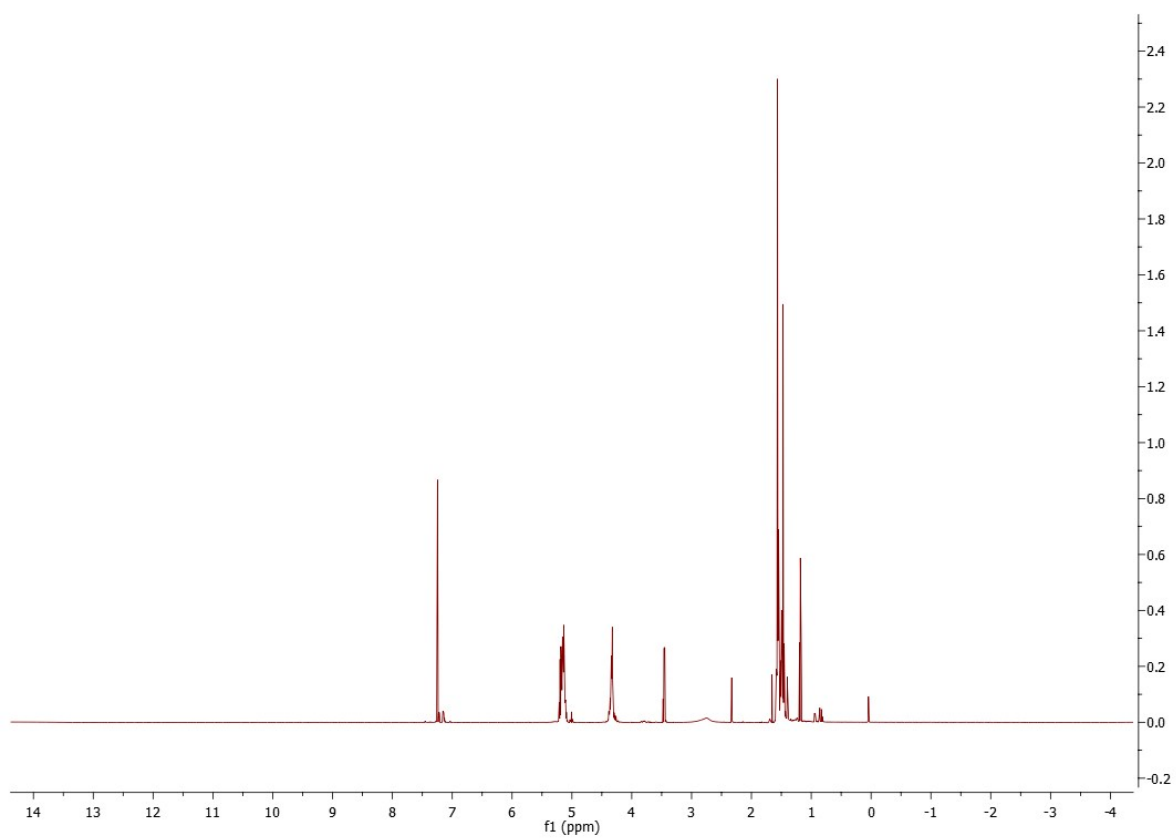


Fig. S1. A 400 MHz  $^1\text{H}$  NMR of PLA in  $\text{CDCl}_3$ .

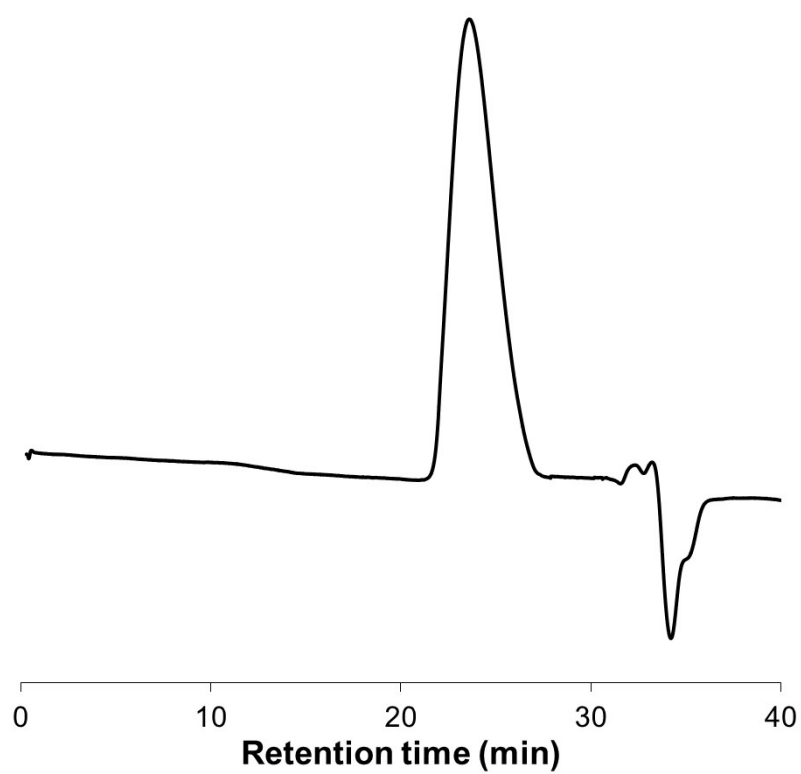


Fig. S2. GPC diagrams of PLA-diol ( $M_n$ : 1,000 g/mol)

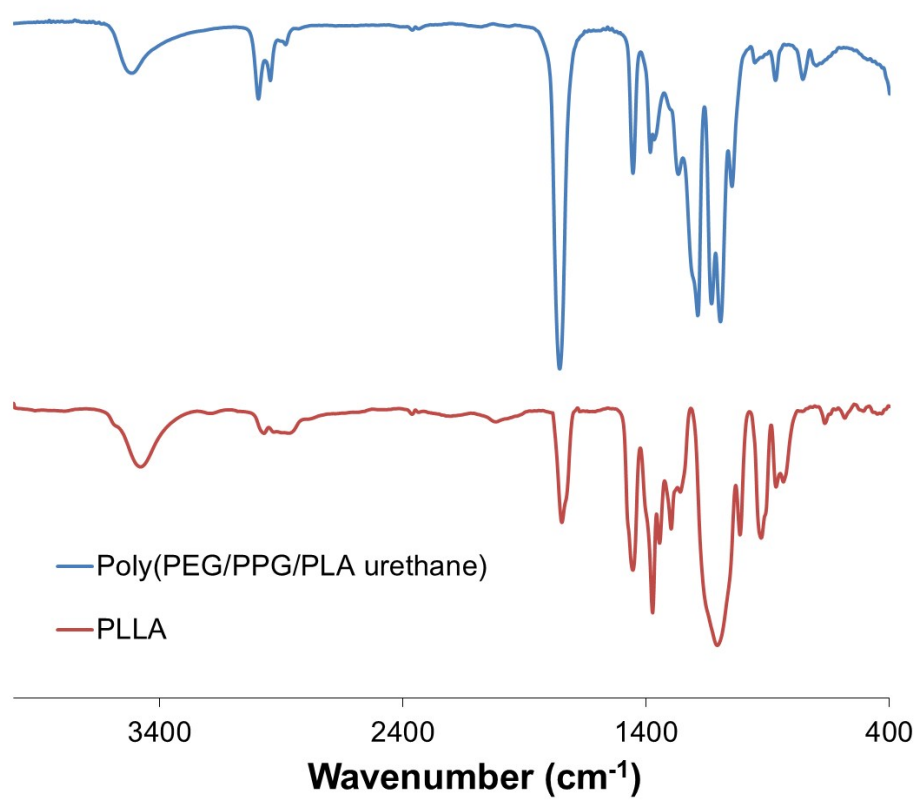


Fig. S3. FTIR spectra of Poly(PEG/PPG/PLLA urethane) and PLLA-diol

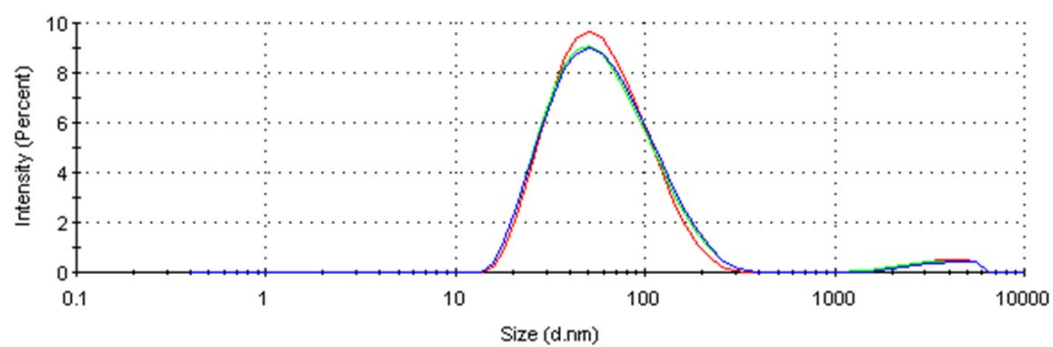


Fig S4. Particle size distribution of poly(PEG/PPG/PLA urethane)s