

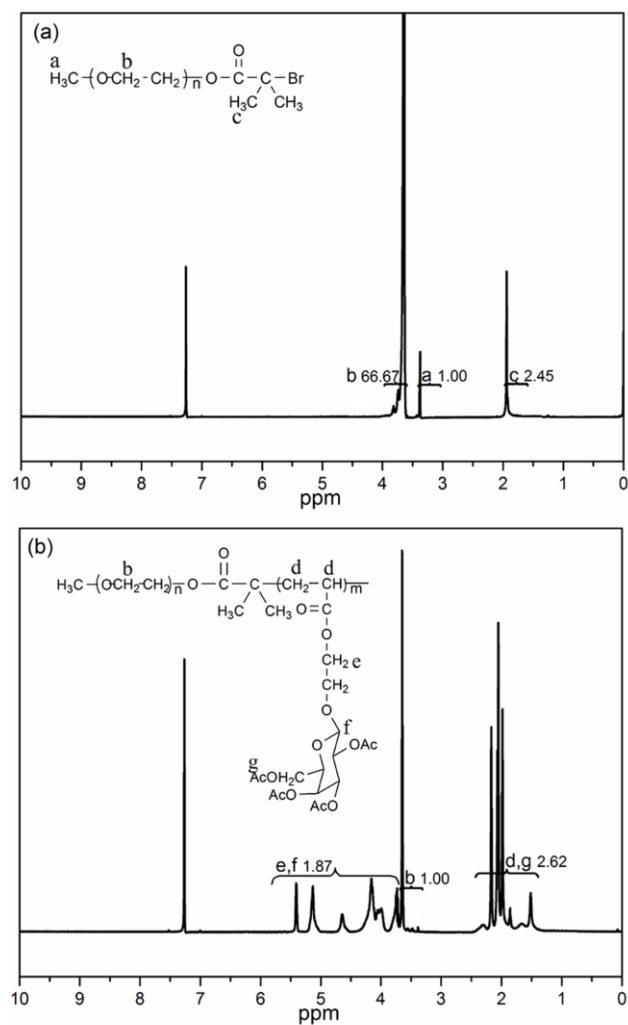


Fig. S1. ^1H NMR spectra of (a) PEG-Br and (b) PEG-*b*-PAEAcG in CDCl_3 .

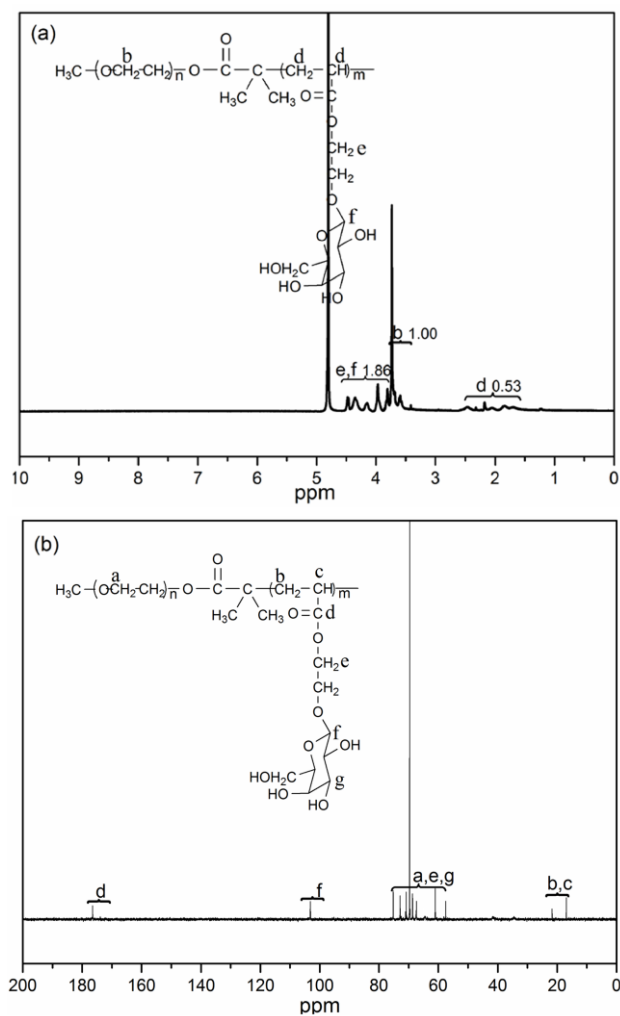


Fig. S2. (a) ^1H NMR and (b) ^{13}C NMR spectra of PEG-*b*-PAEG in D_2O .

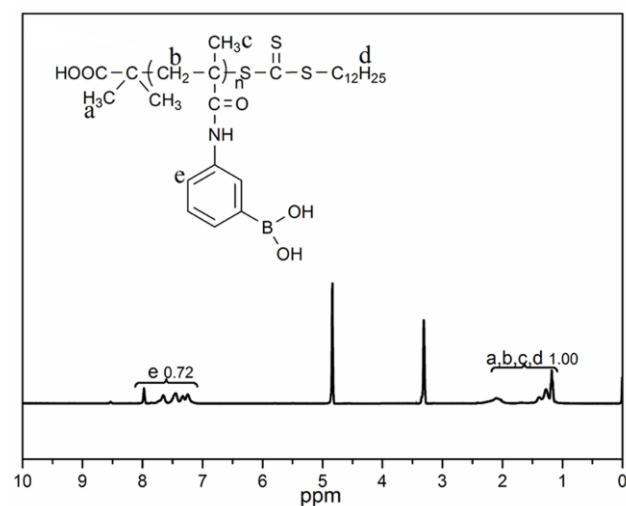


Fig. S3. ^1H NMR spectrum of PMAPBA in methanol- d_4 .

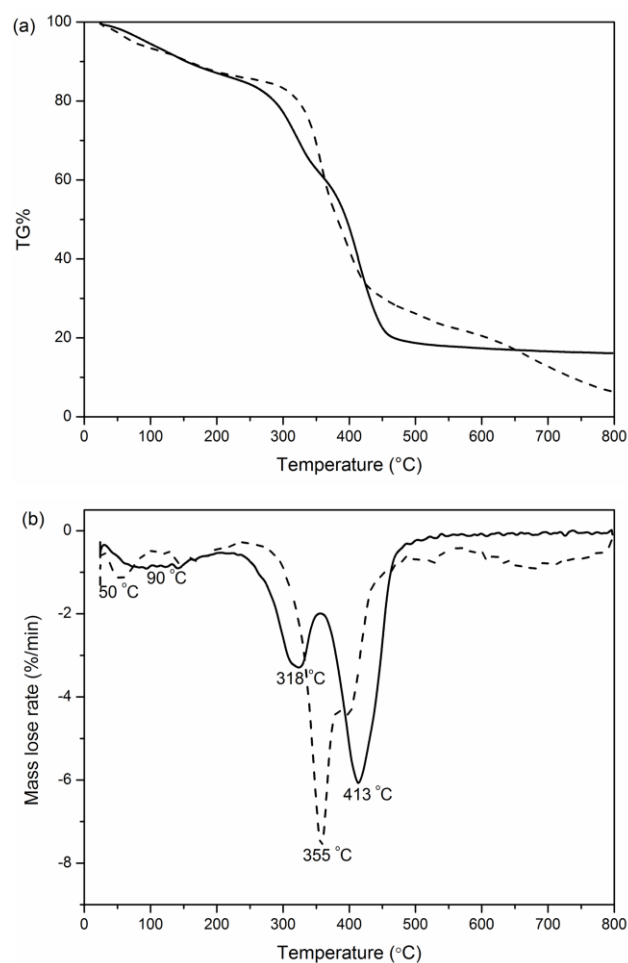


Fig. S4. Thermal analysis of PMAPBA/PEG-*b*-PAEG nanoparticles (dashed line) and the solid mixture of PMAPBA and PEG-*b*-PAEG (solid line): (a) TG; (b) DTG.