

Effects of the molecular weight and molar ratio of poly(2-ethyl-oxazoline)-based lipid on the pH sensitivity, stability, and antitumor efficacy of liposomes

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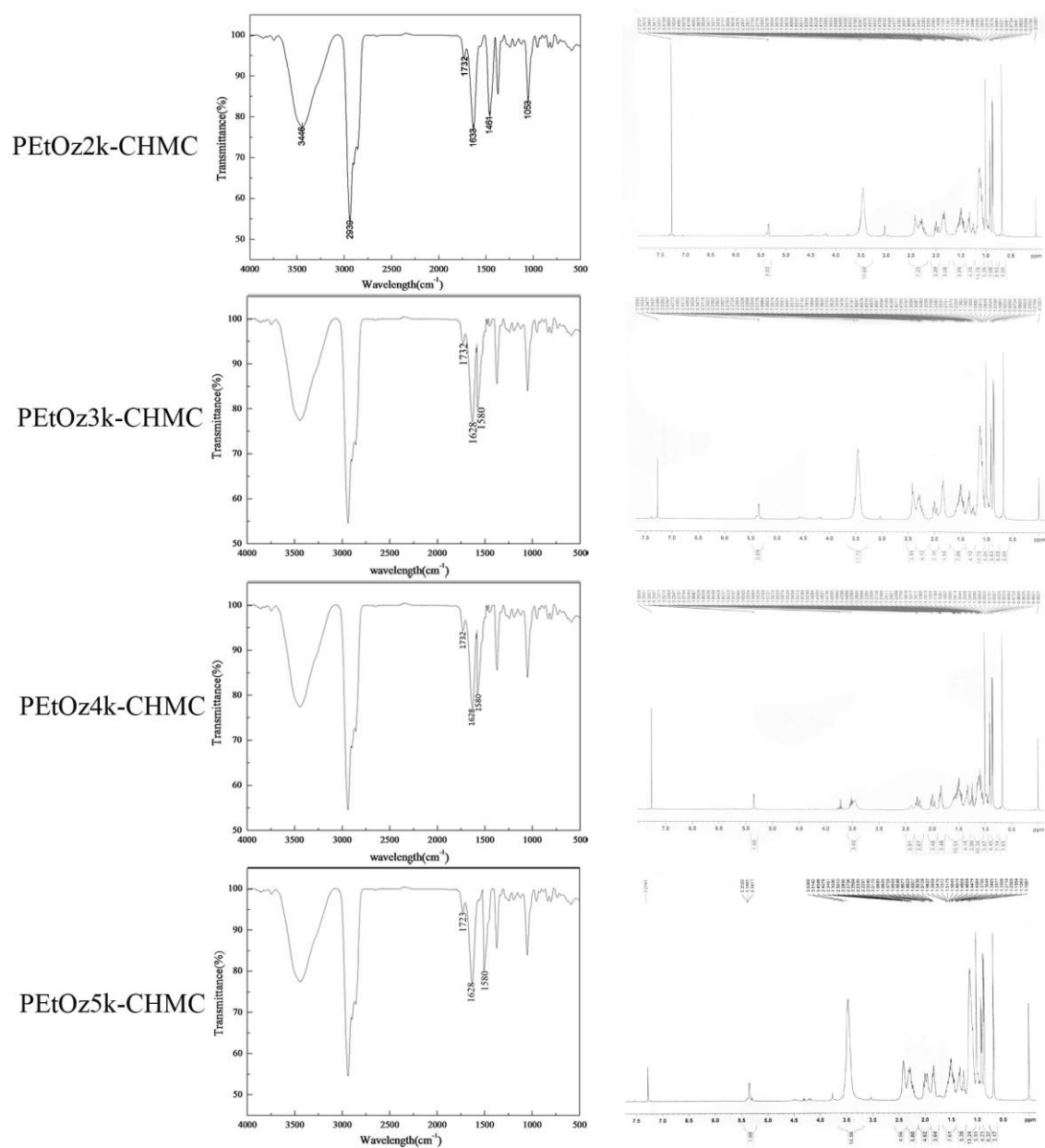


Figure S1. FT-IR spectrum and ^1H NMR spectrum of PEtOz-CHMC with different molecular weights.

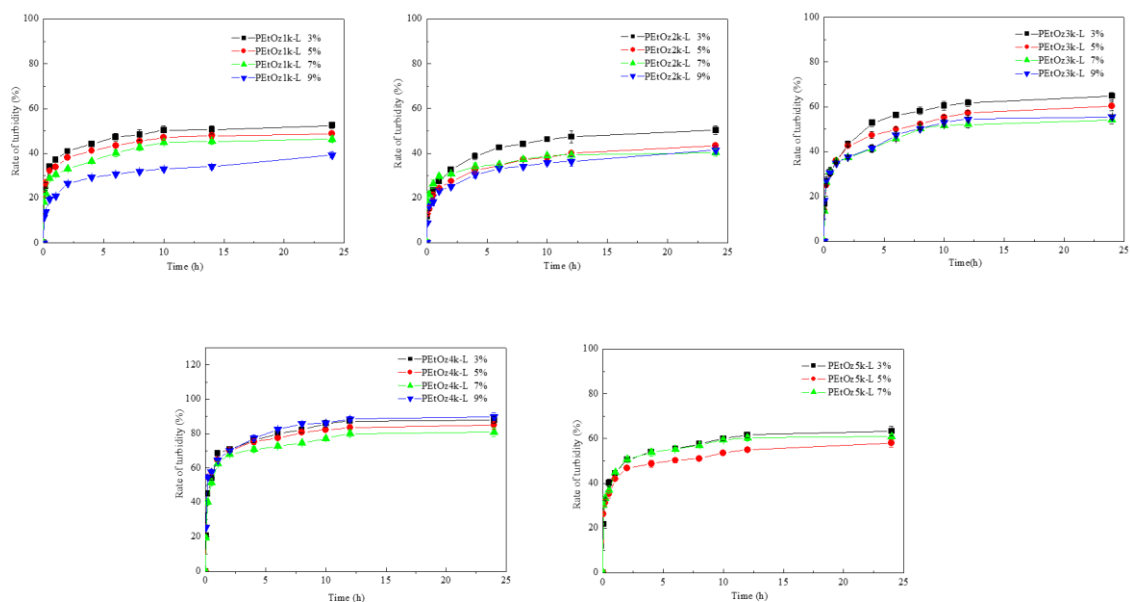


Figure S2. Changes in the turbidity of liposomes when incubated in 3 mM CaCl_2 for different time.

The images in figure show the appearance of different molecular weights and molar ratios PEtOz-coated liposomes incubated with CaCl_2 solution for 24 h. Data are represented as the mean \pm S.D. (n=3).

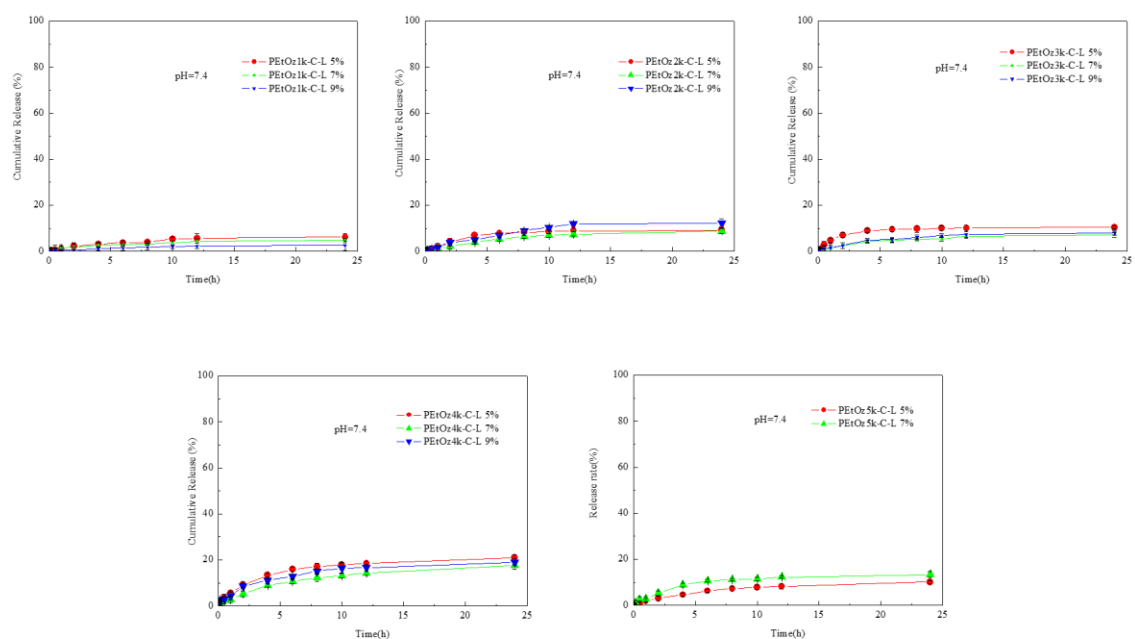


Figure S3. Drug release profiles for calcein-load liposomes modified by PEtOz-CHMC with different molecular weights and molar ratios at pH 7.4 after 24 h incubation. Data are represented as the mean \pm S.D. (n=3).

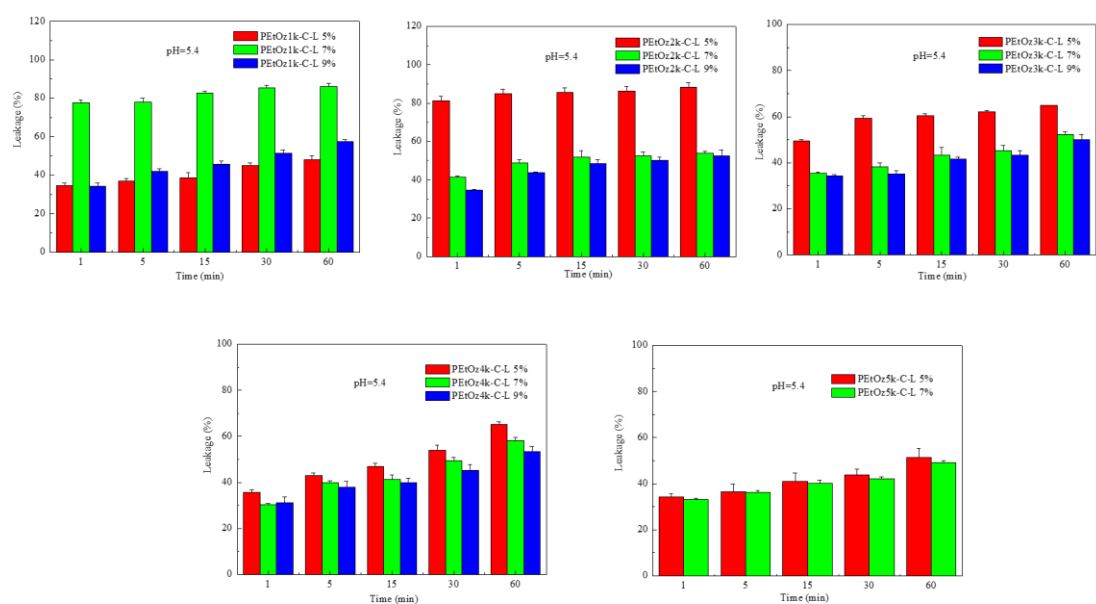


Figure S4. pH-dependent calcein release from calcein-load liposomes modified by PEtOz-CHMC with different molecular weights and molar ratios at pH 5.4 after 60 min incubation. Data are represented as the mean \pm S.D. (n=3).

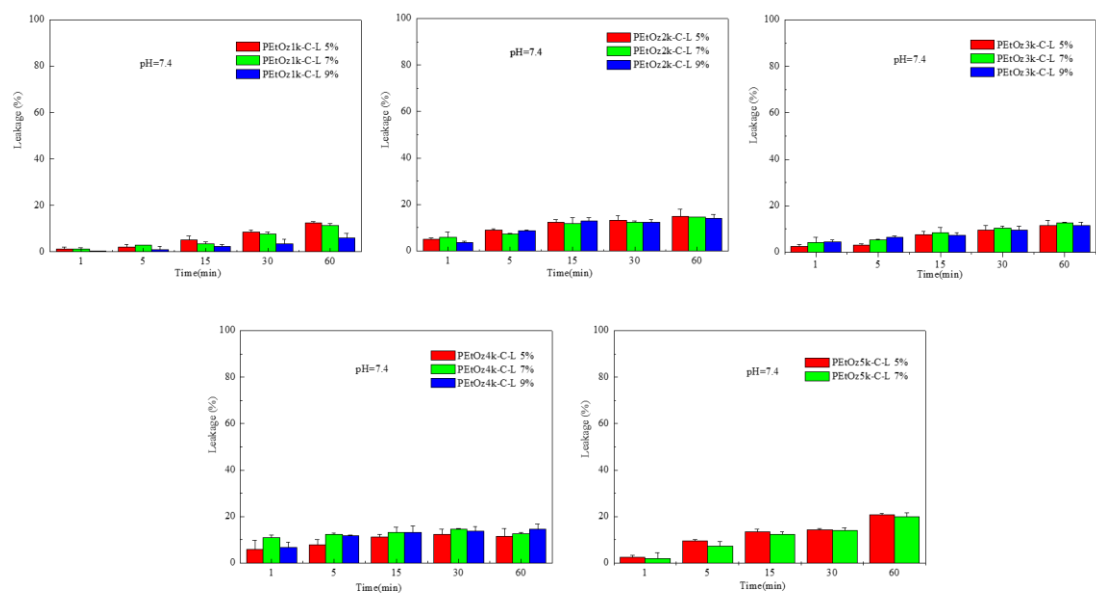


Figure S5. Calcein release from calcein-load liposomes modified by PEtOz-CHMC with different molecular weights and molar ratios at pH 7.4 after 60 min incubation. Data are represented as the mean \pm S.D. (n=3).