

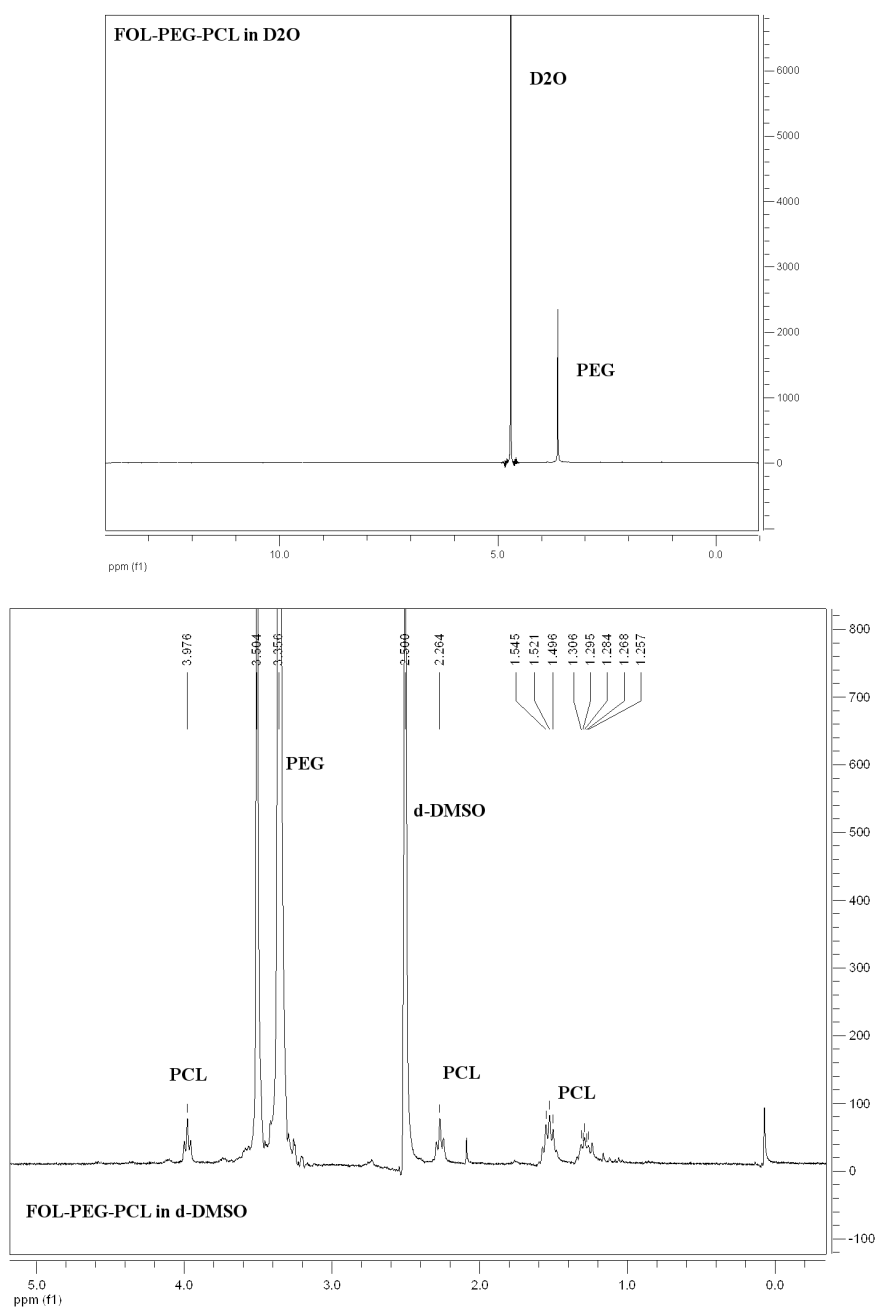


Fig. S1 The formation of micelle determined by ^1H NMR spectroscopy. FOL-PEG-PCL copolymer was dissolved in two deuterated solvents, i.e. D_2O and d -DMSO.

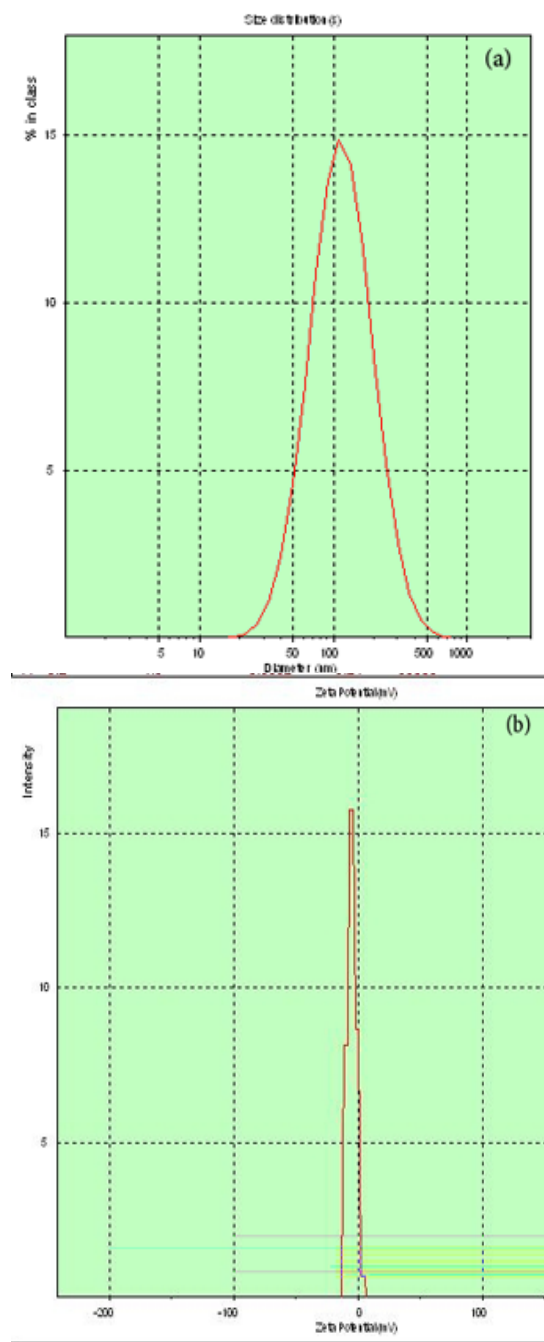


Fig. S2 The particle size distribution of star-shaped PCL-PEG-FOL micelle: size distribution (a) and zeta potential (b).

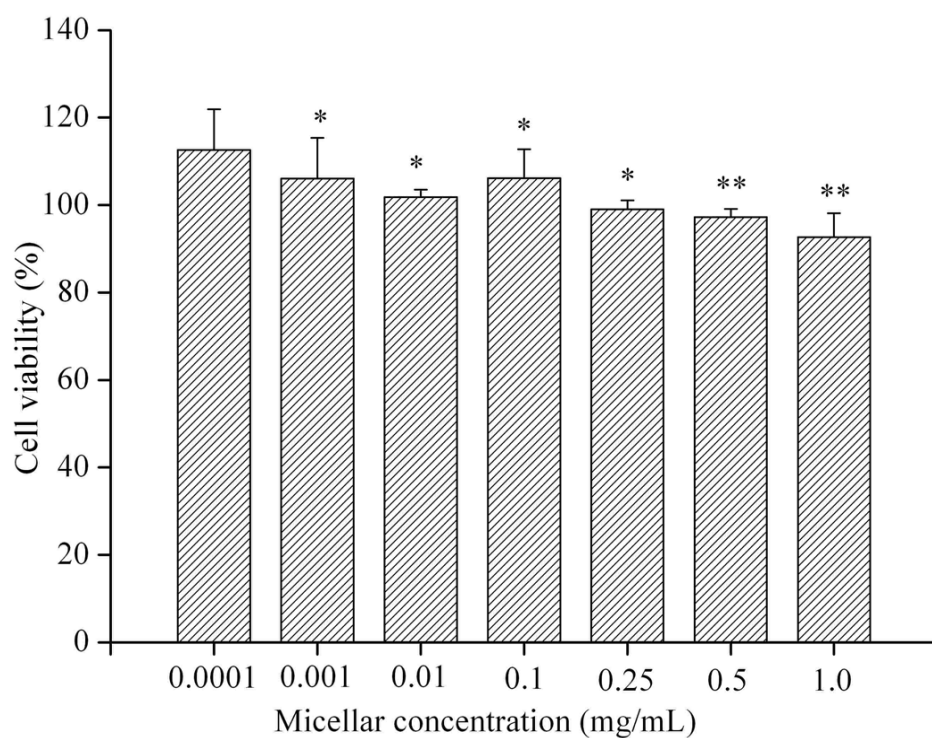


Fig. S3 The cytotoxicity of the star-shaped FOL-PEG-PCL micelle against MCF-7 cells. Data represents the mean $\pm$ standard error of the mean of four measurements.