Supplementary Information

Co-delivery of Hydrophilic Gemcitabine and Hydrophobic Paclitaxel into Novel Polymeric Micelles for Cancer Treatment

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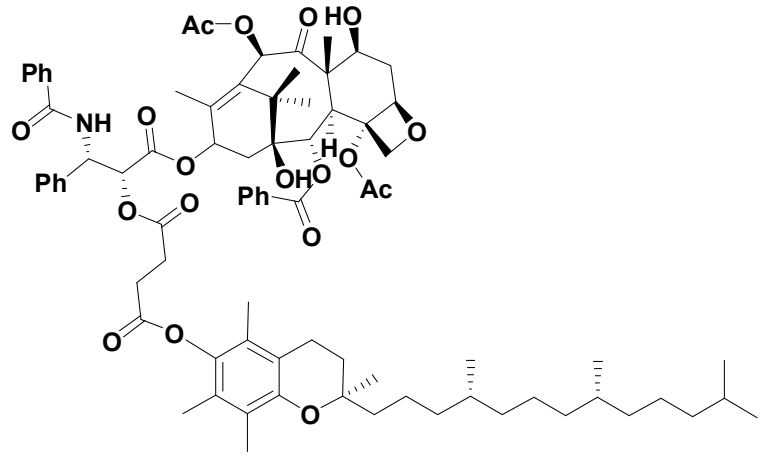
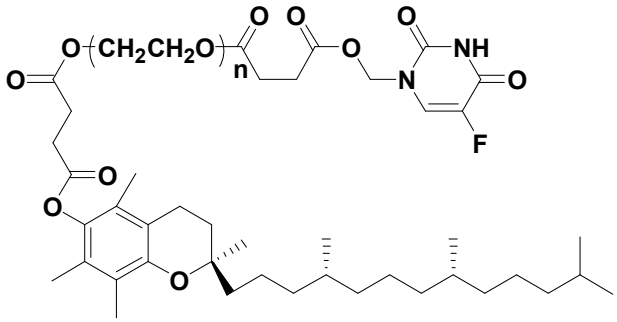


PTX-VE



SRB-VE

Fig S1. Chemical structure of PTX-VE and SRB-VE

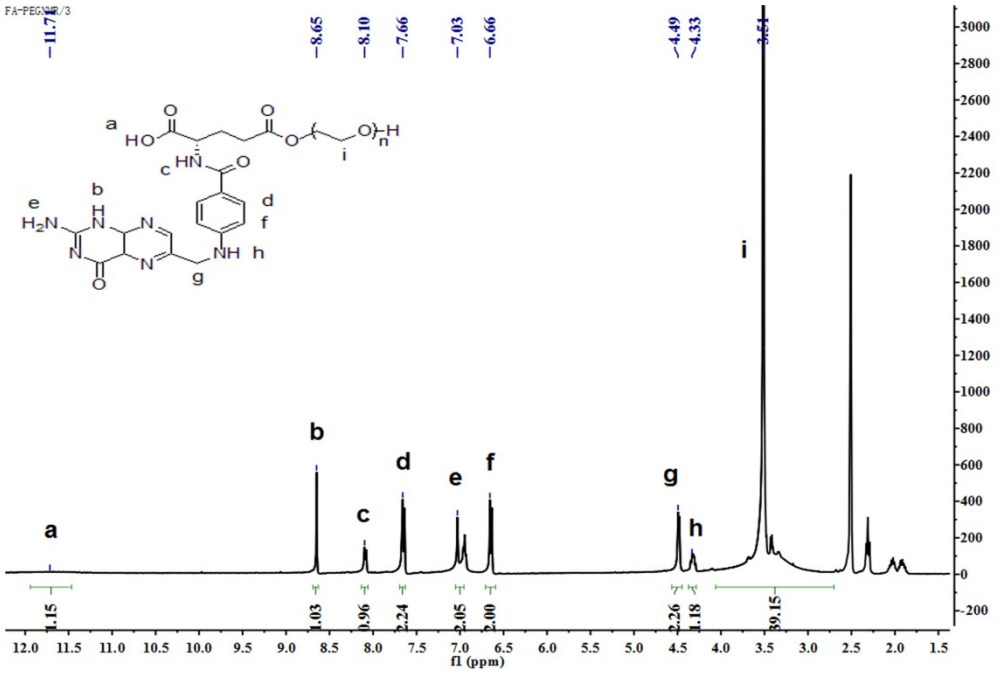


Fig S2. ^{1}H-NMR spectrum of FA-PEG

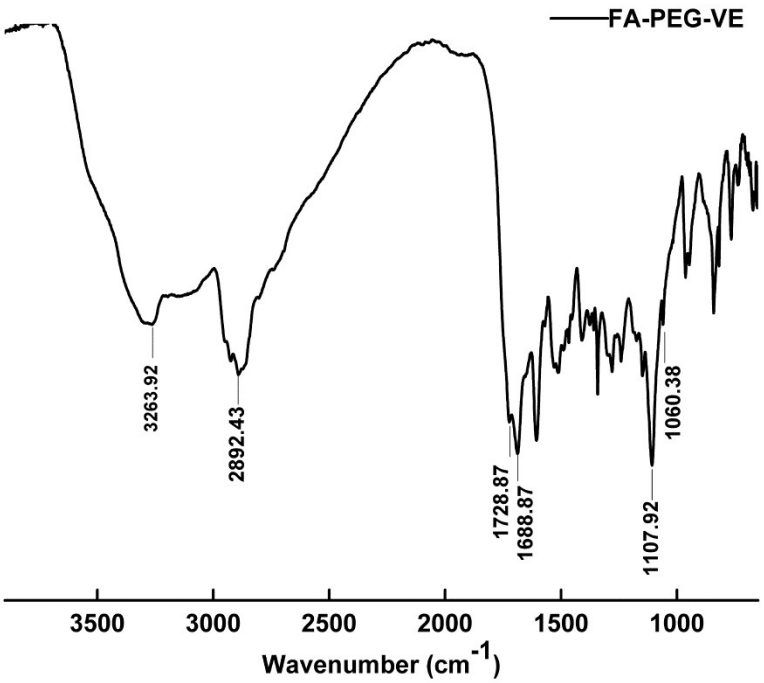


Fig S3. FTIR spectra of FA-PEG-VE

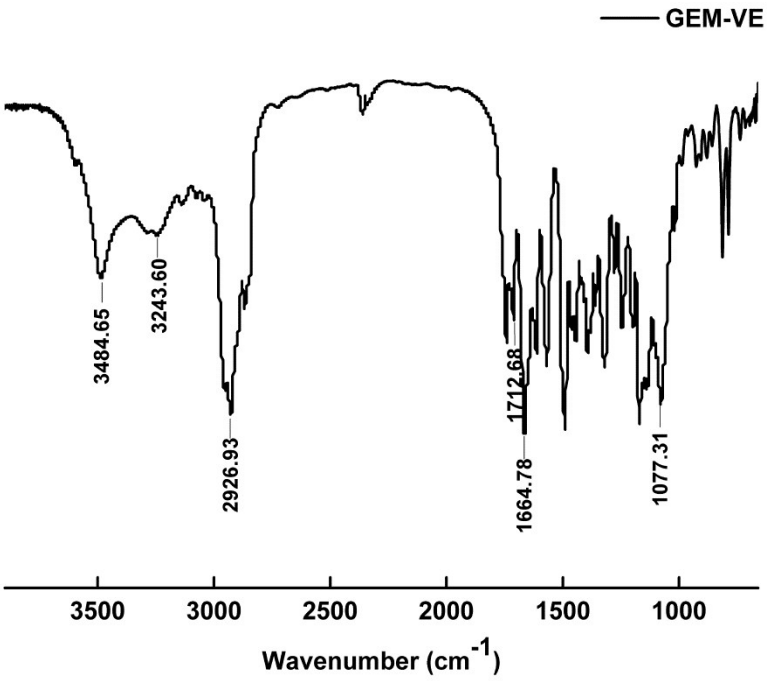


Fig S4. FTIR spectra of GEM-VE

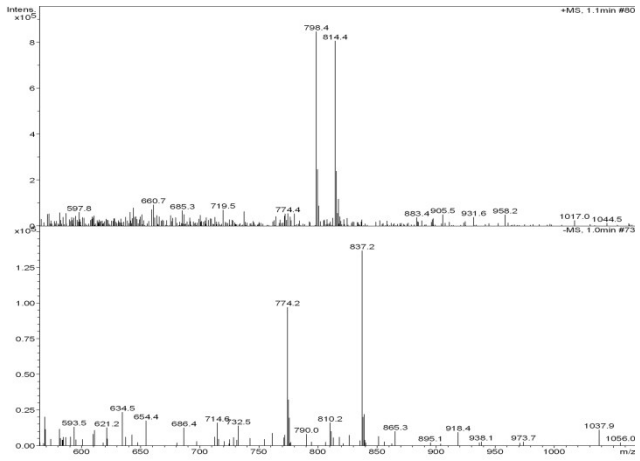


Fig S5. Mass spectra of GEM-VE

Table S1. Fluorescence intensity (I_1/I_3) ratio of pyrene in different concentrations of MPEG-PLGA and FA-PEG-VE

Concentration of materials (g/L)	MPEG-PLGA			FA-PEG-VE		
	I_1/I_3	I_1/I_3	I_1/I_3	I_1/I_3	I_1/I_3	I_1/I_3
1×10^{-6}	1.103	1.075	1.045	1.033	1.005	0.983
1×10^{-5}	1.287	1.190	1.260	1.196	1.117	1.045
5×10^{-5}	1.390	1.378	1.350	1.218	1.164	1.100
1×10^{-4}	1.433	1.410	1.424	1.136	1.180	1.077
2×10^{-4}	1.489	1.469	1.453	1.099	1.010	1.055
5×10^{-4}	1.340	1.371	1.372	0.962	0.920	0.869
1×10^{-3}	1.205	1.198	1.228	0.815	0.829	0.799