

Supplementary data

Development of cholate conjugated hybrid polymeric micelles for FXR receptor mediated effective site-specific delivery of paclitaxel

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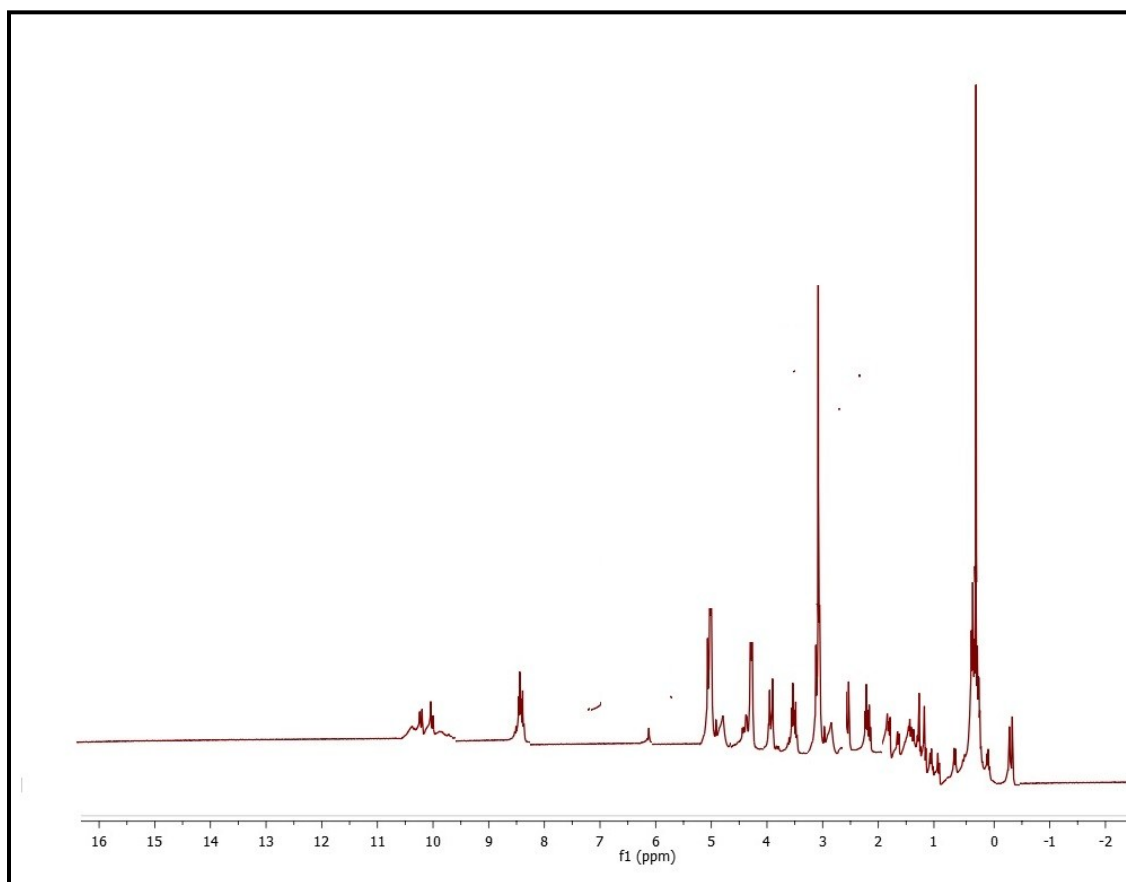


Figure S1. ¹H NMR spectrum of CA-PCPP.

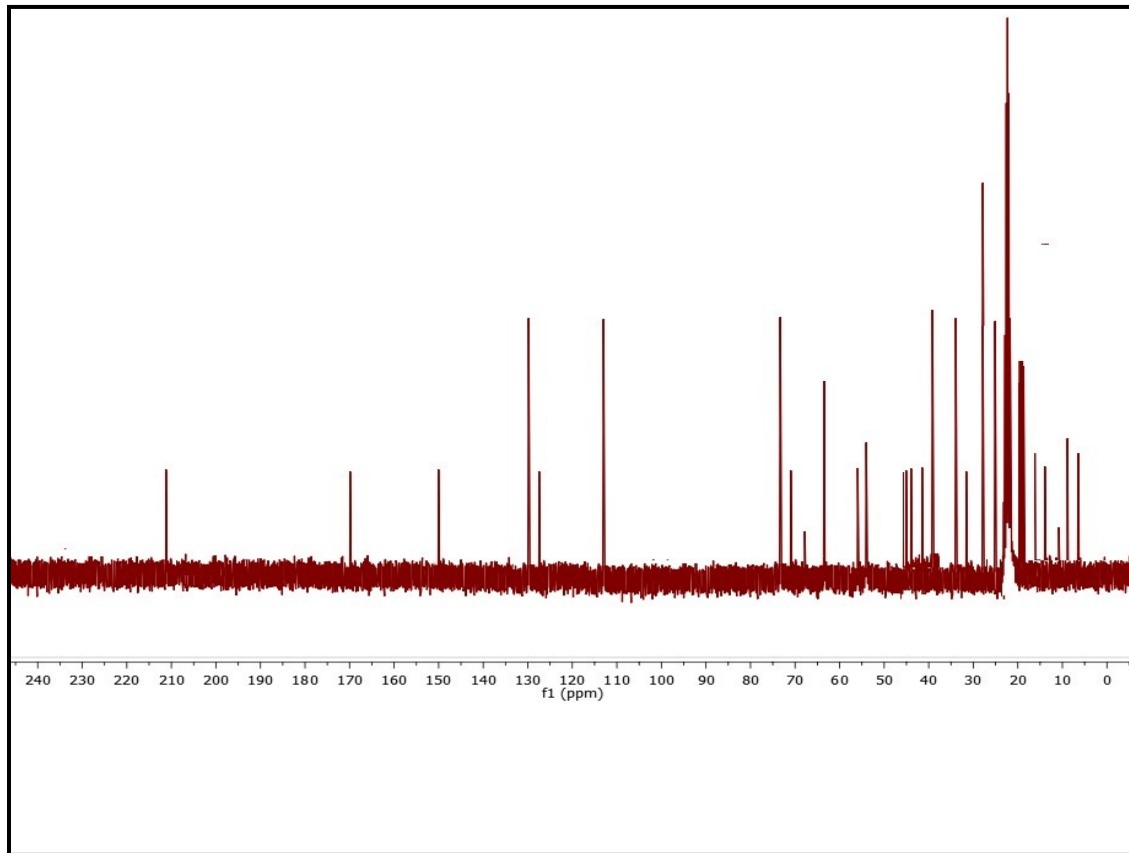


Figure S2. ^{13}C NMR spectrum of CA-PCPP.

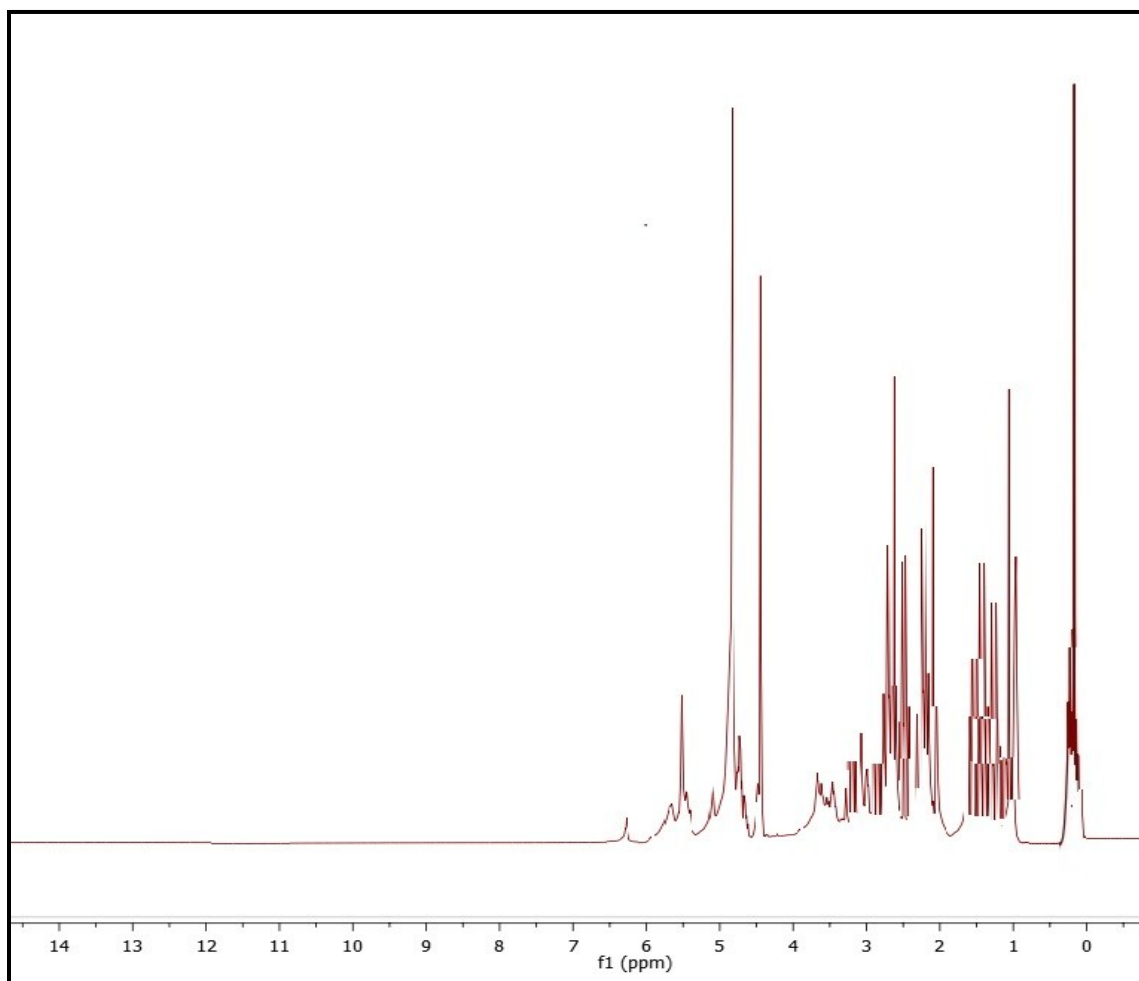


Figure S3. ^1H NMR spectrum of CA-PDADMAC.

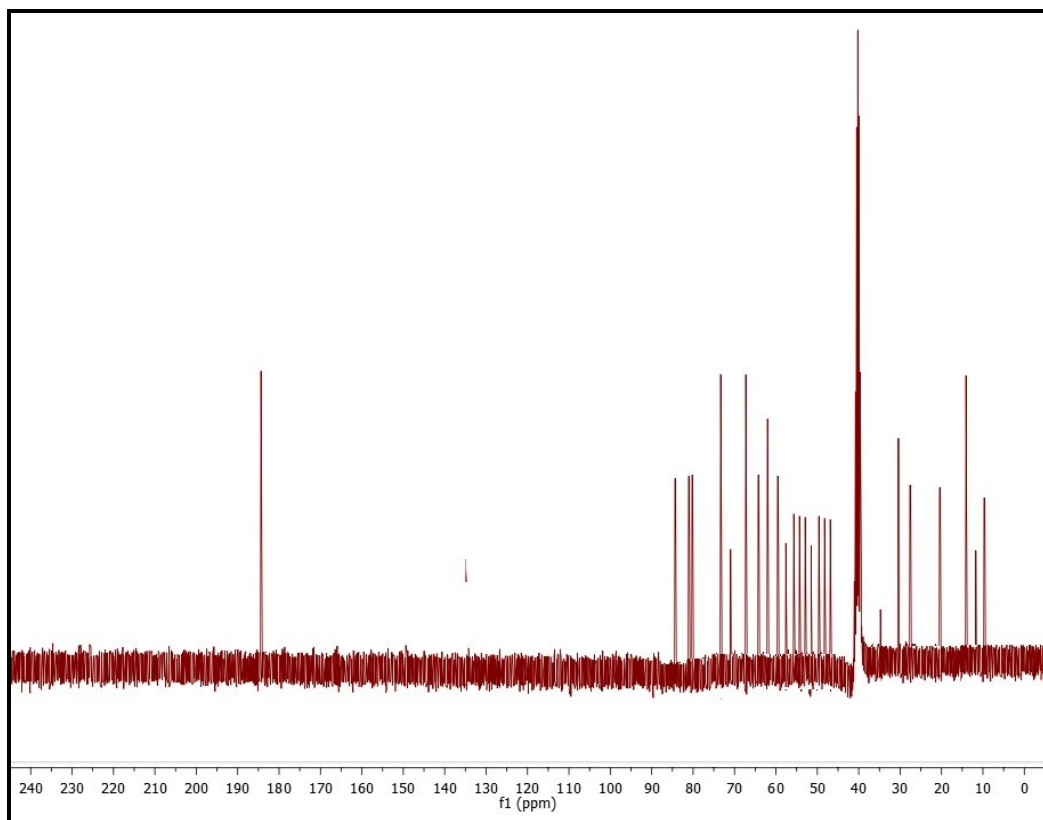


Figure S4. ^{13}C NMR spectrum of CA-PDADMAC.

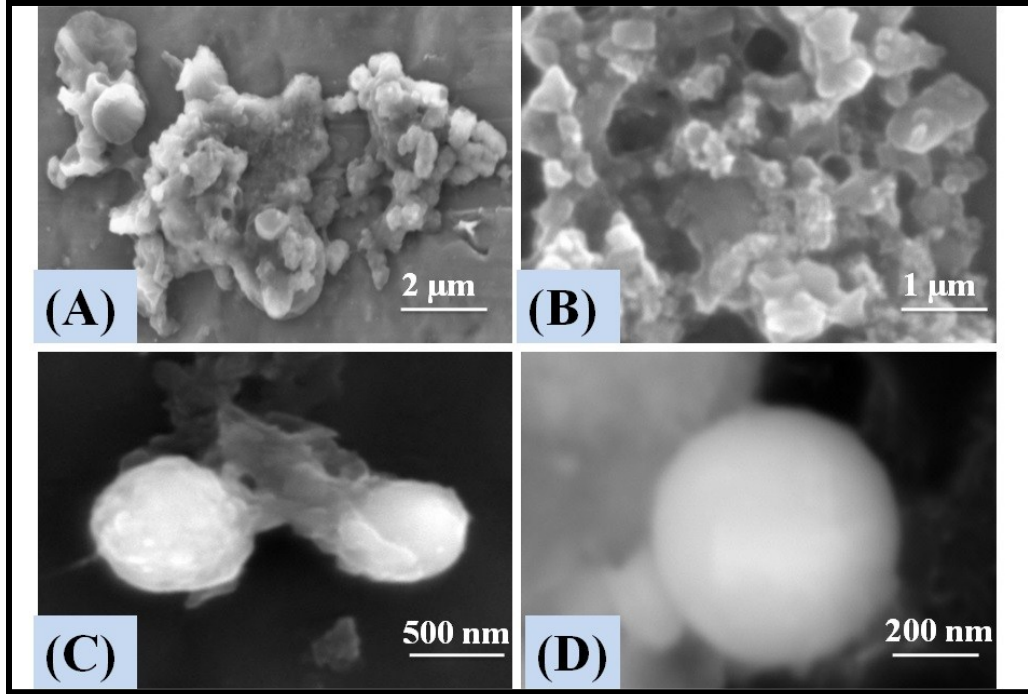


Figure. S5. SEM image of (A) CA-PCPP-PDADMAC-CA polymer (2 μm) (B) 1 μm (C) PTX loaded CA-PCPP-PDADMAC-CA (500 nm) (D) 200 nm.

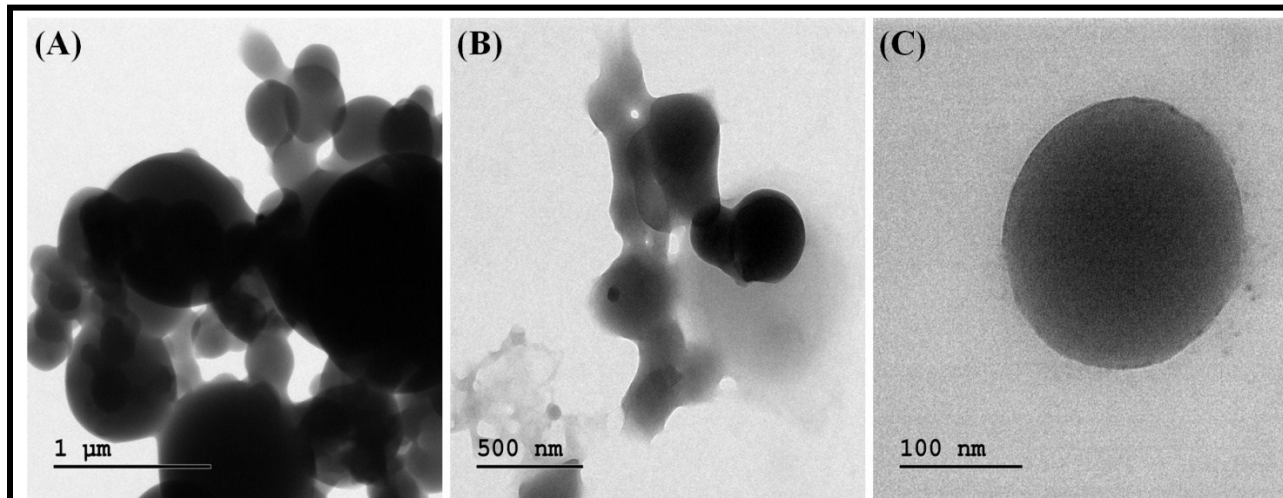


Figure. S6. HR-TEM images of PTX loaded CA-PCPP-PDADMAC-CA polymeric micelles

(A) 1 μm (B) 500 nm (C) 100 nm.

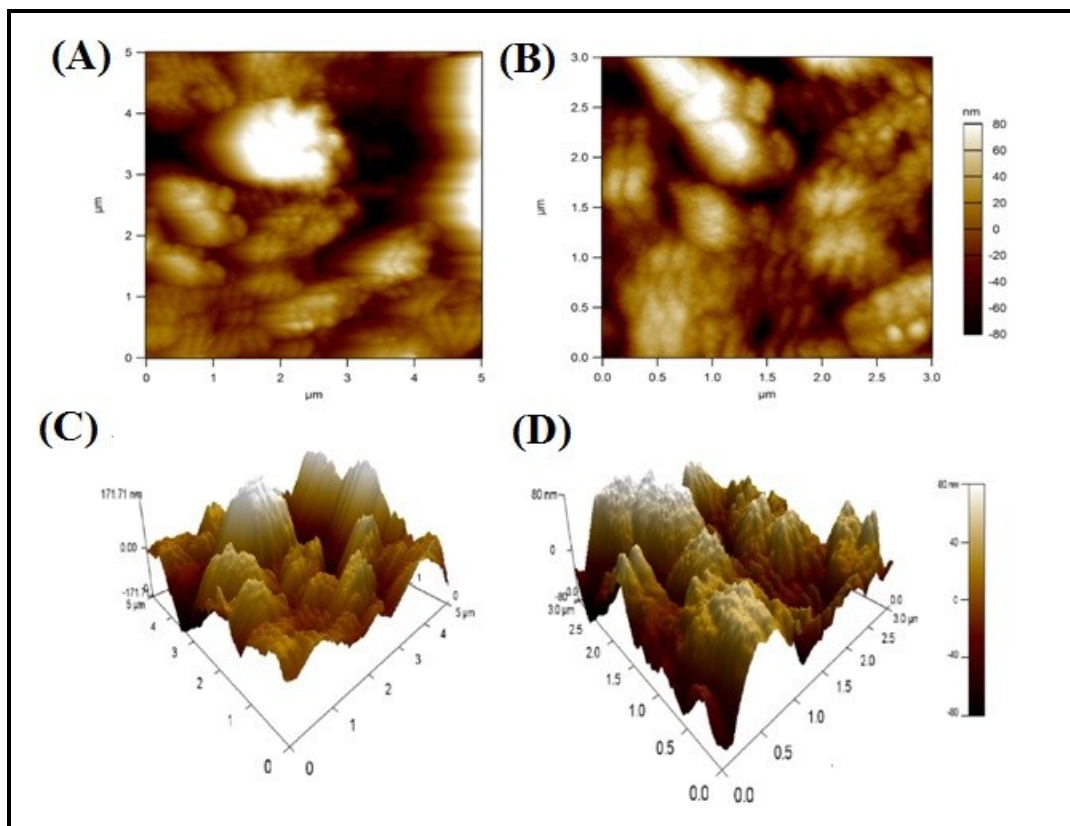


Figure. S7. AFM 2D images of (A) CA-PCPP-PDADMAC-CA polymeric micelles (B) PTX drug loaded CA-PCPP-PDADMAC-CA polymeric micelles. AFM 3D image of (C) CA-PCPP-PDADMAC-CA polymeric micelles (D) PTX drug loaded CA-PCPP-PDADMAC-CA polymeric micelles.

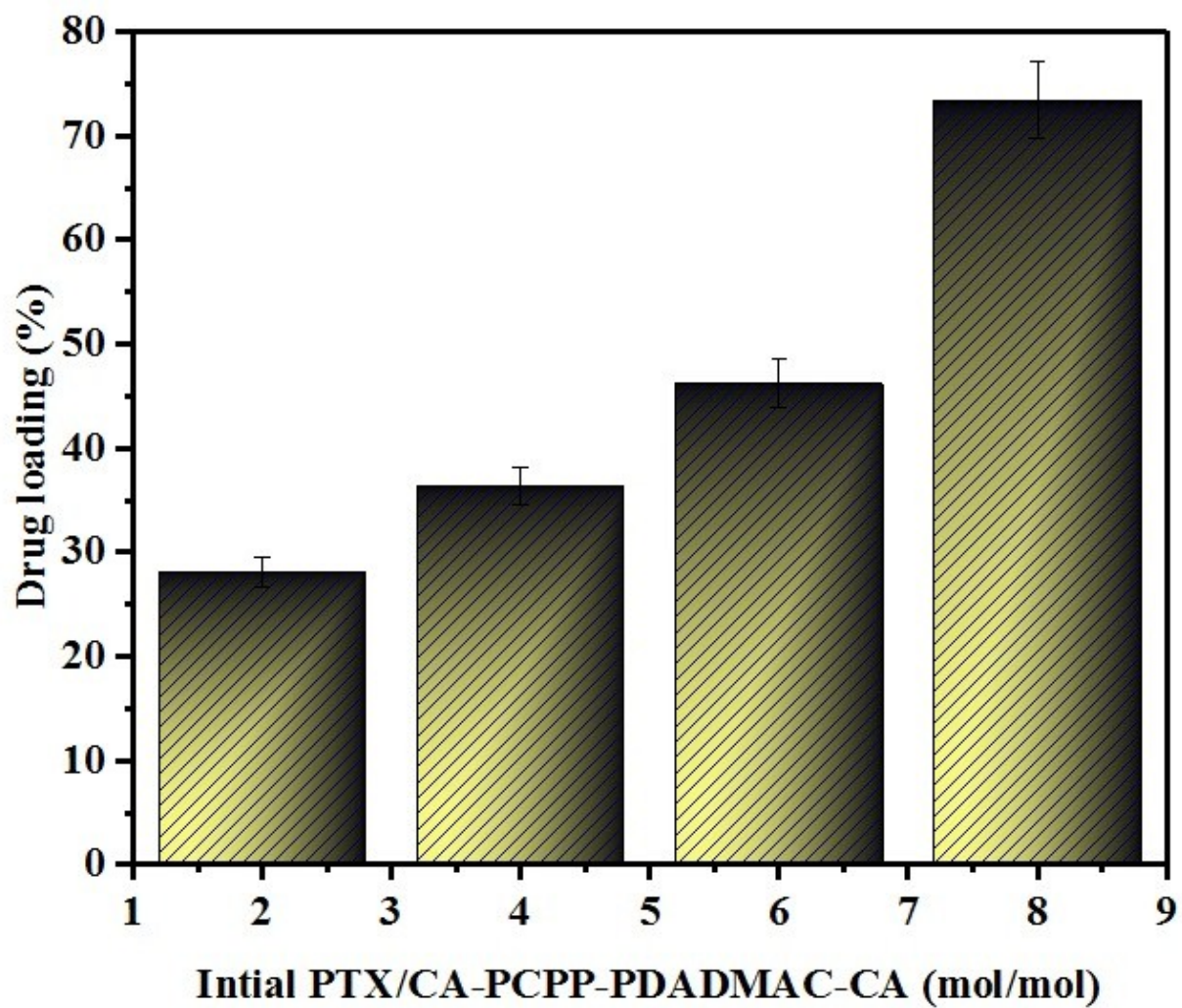


Fig. S8 Different concentration of PTX encapsulation in CA-PCPP-PDADMAC-CA