Supporting Information

Facile Synthesis of Fluorescent Hyper-Crosslinked β-Cyclodextrin-Carbon Quantum Dot Hybrid Nanosponges for Tumor Theranostic Application with Enhanced Anti-Cancer Efficacy

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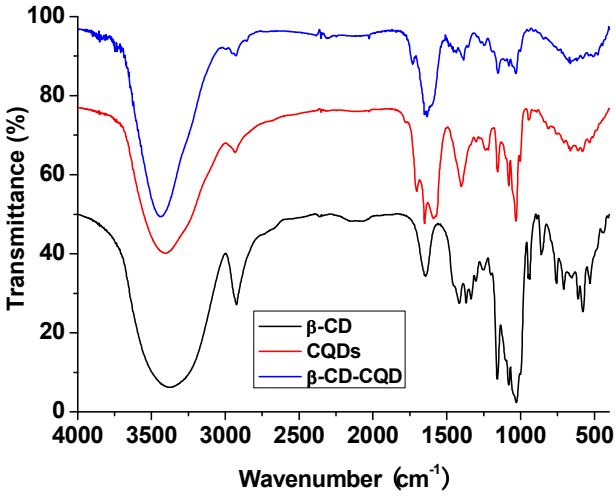
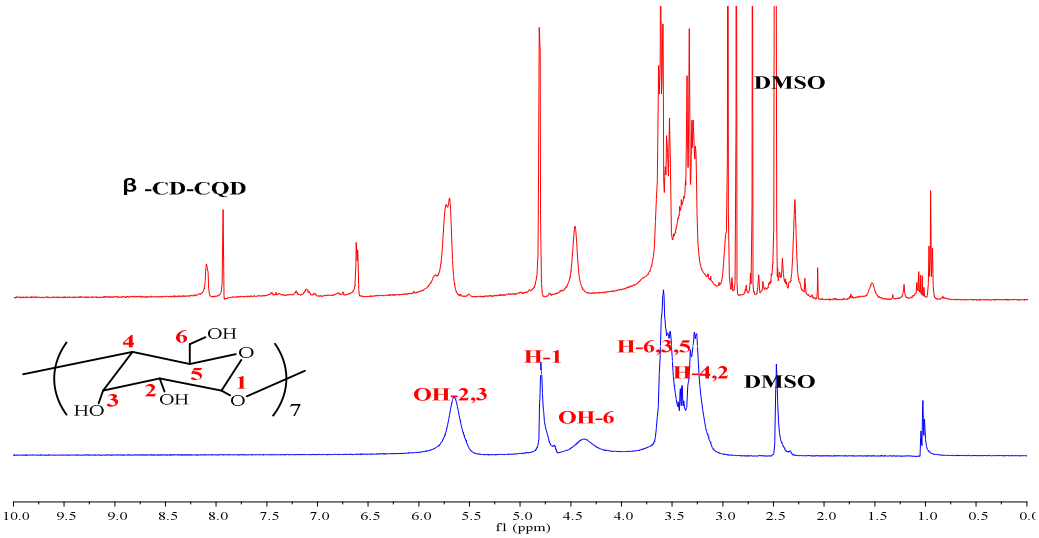
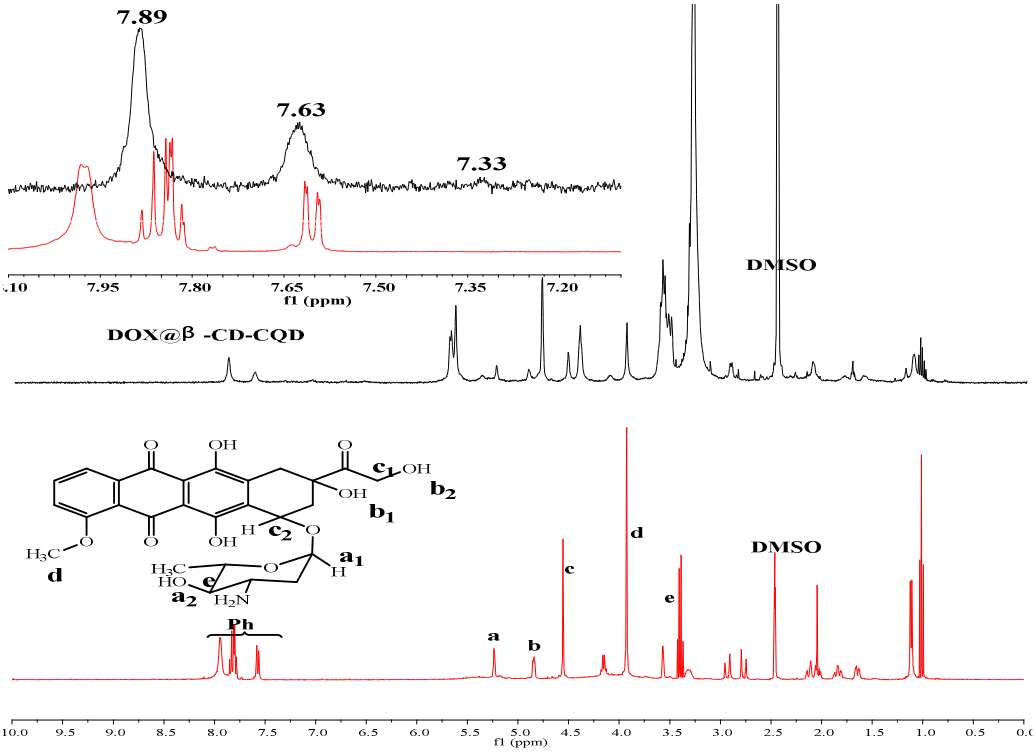


Fig. S1. FT-IR spectra of β-CD, CQDs, and β-CD-CQD hybrid nanosponges.



(a)



(b)

Fig. S2. ^{1}H NMR spectra of (a) β-CD and β-CD-CQD nanosponges, (b) DOX and DOX@β-CD-CQD nanosponges.

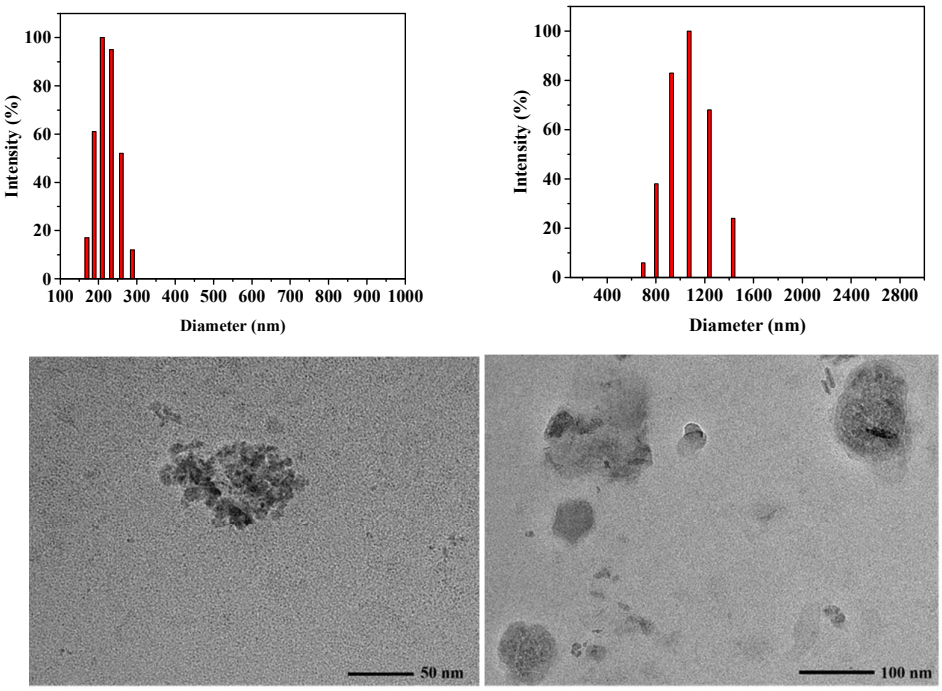


Fig. S3. DLS analysis and TEM images of the β-CD-CQD hybrid nanosponges prepared with the mass feeding ratio between CQDs and β-CD of 1:2 (left) and 1:10 (right).

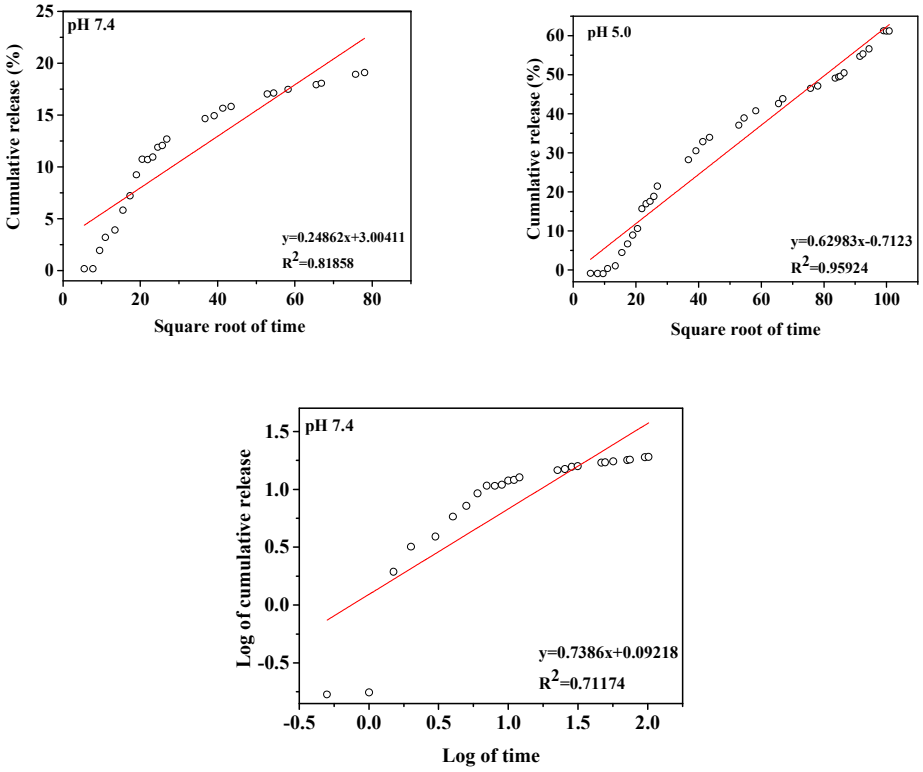


Fig. S4. Fitted plots of the DOX release from DOX@β-CD-CQD theranostic nanomedicine under different conductions with Higuchi and Korsmeyer-Peppas models.