

Supplementary Data

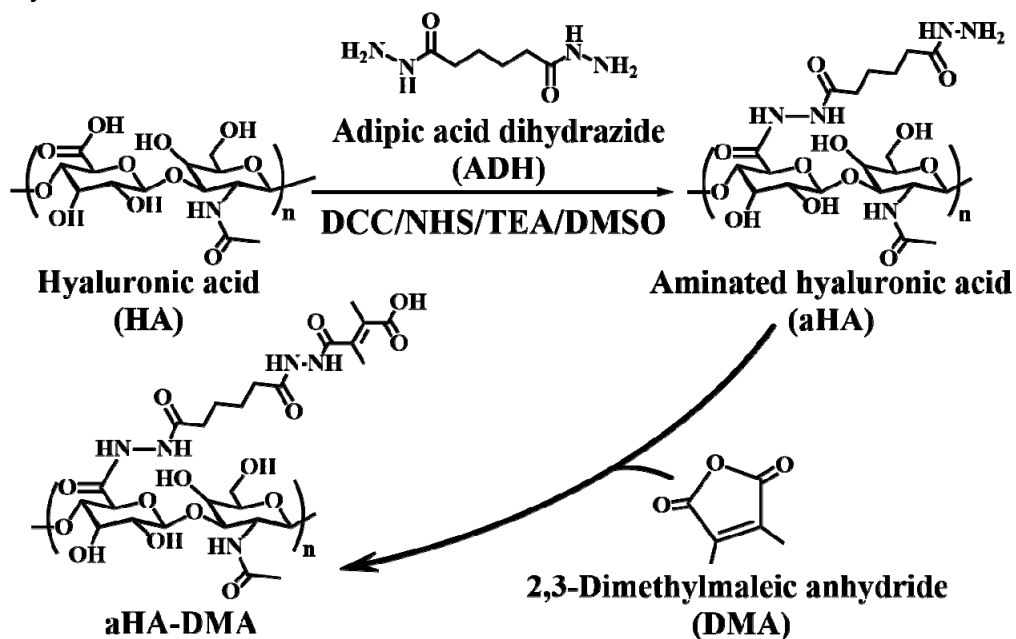
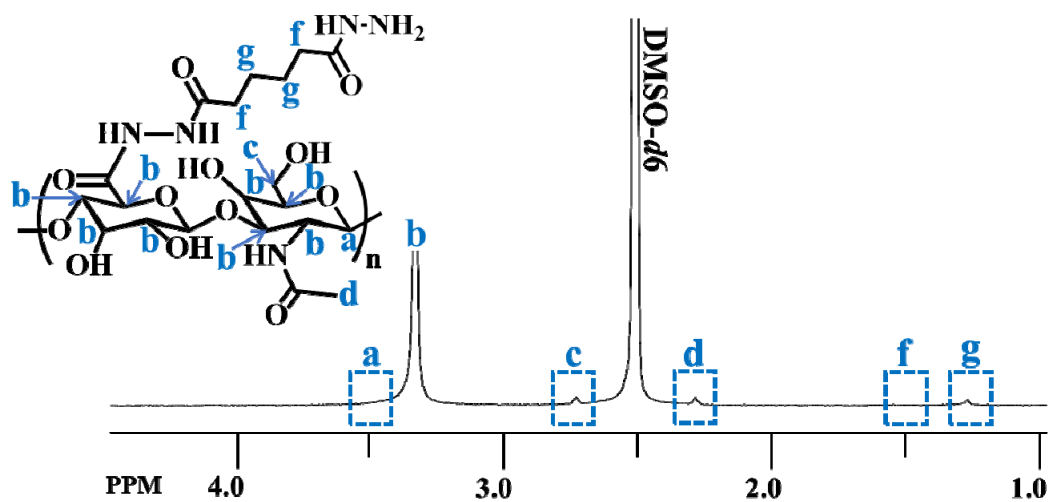


Figure S1. Synthesis procedure of aHA-DMA.

Figure S2. ¹H-NMR peaks of aHA.

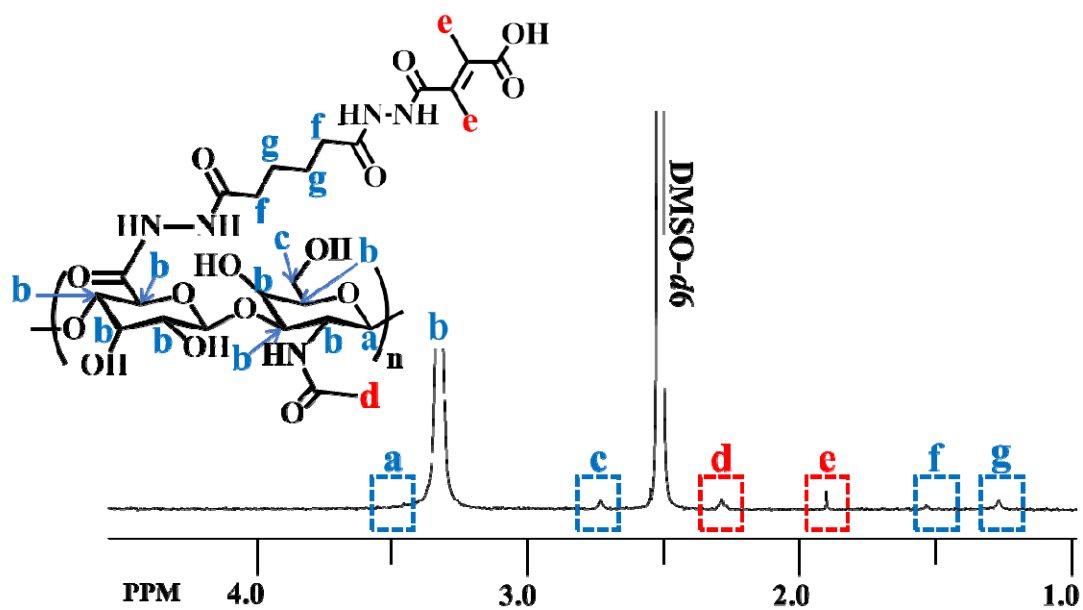


Figure S3. ¹H-NMR peaks of aHA-DMA_{0.60}.

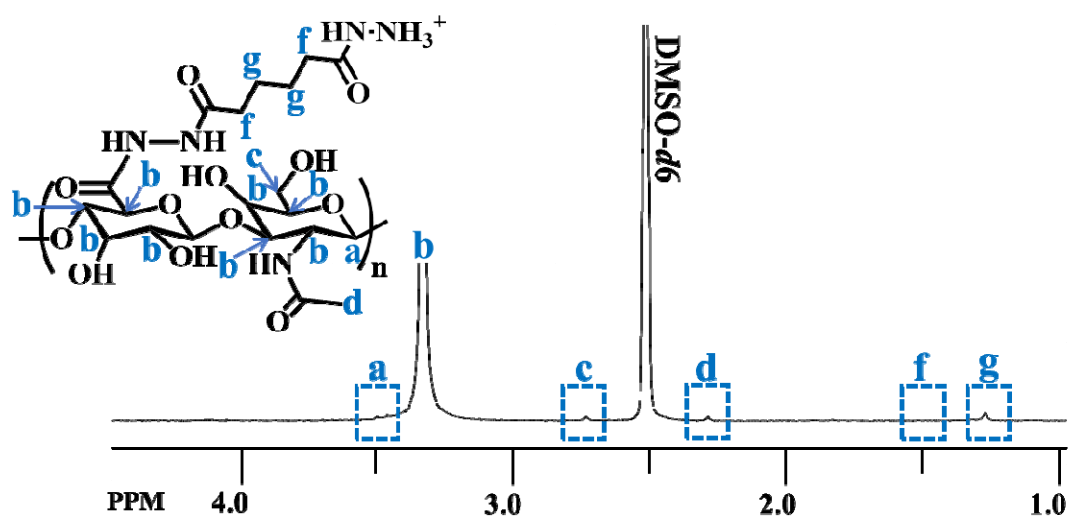


Figure S4. ^1H -NMR peaks of DMA-detached aHA.

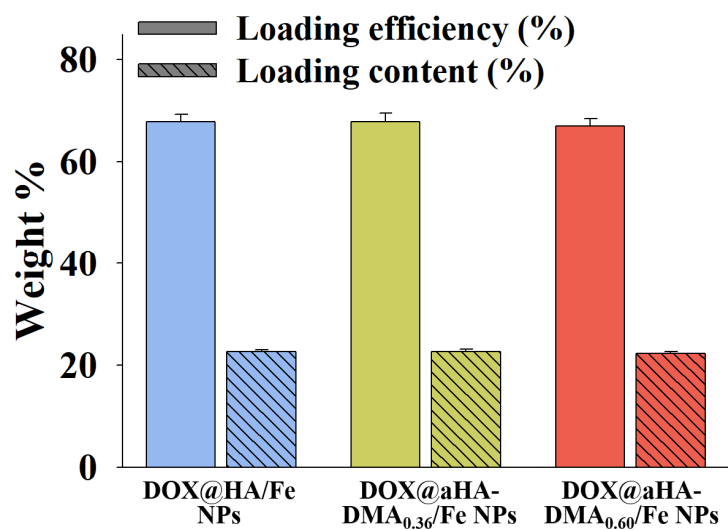


Figure S5. DOX loading efficiency and loading content of DOX@HA/Fe NPs, DOX@aHA-DMA_{0.36}/Fe NPs, and DOX@aHA-DMA_{0.60}/Fe NPs (n=3, as multiple experiments).