Electronic Supplementary Material (ESI) for RSC Advances.

Supporting information

Supramolecular Prodrug Micelles Based on the Complementary Multiple Hydrogen Bonds as Drug Delivery Platform for Thrombosis Therapy

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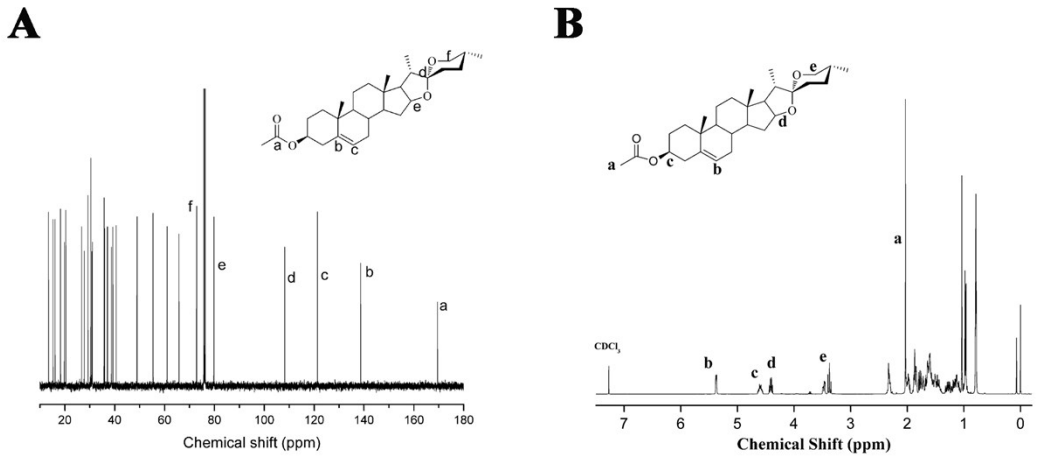

Fig. S1. ^{13}C NMR and ^{1}H NMR spectrum of compound 2 in $CDCl_3$. (A) ^{13}C NMR (B) ^{1}H NMR

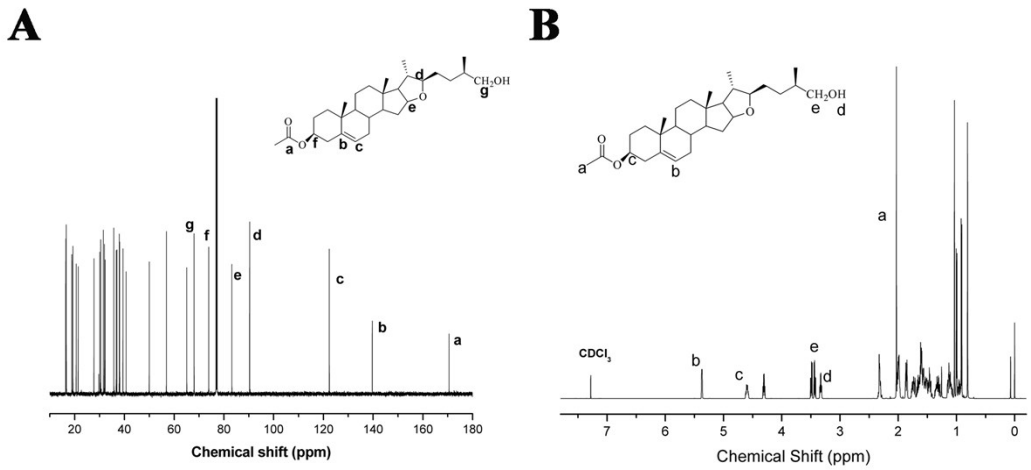

Fig. S2. ^{13}C NMR and ^{1}H NMR spectrum of compound 3 in $CDCl_3$. (A) ^{13}C NMR (B) ^{1}H NMR

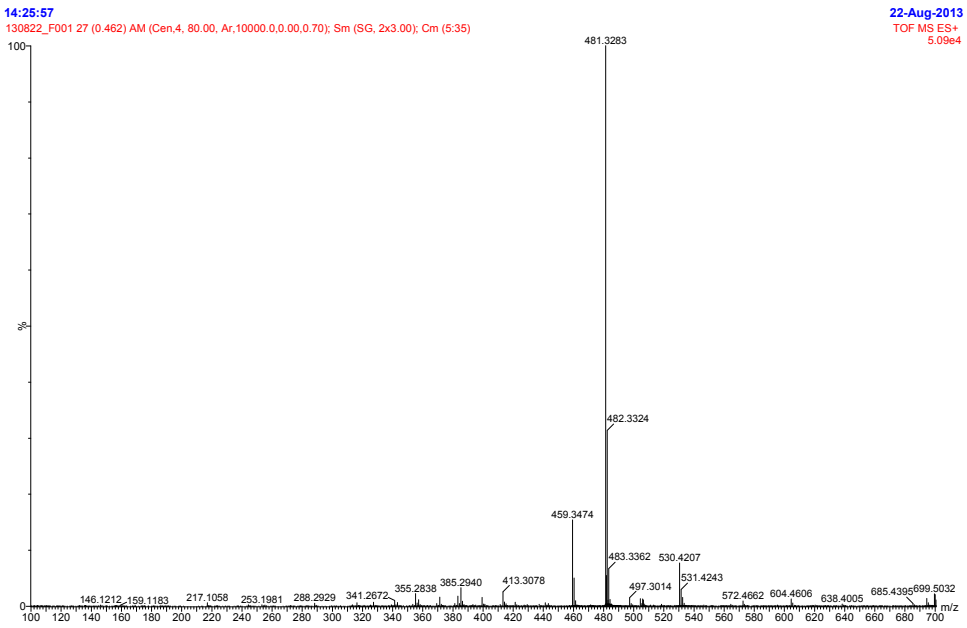

Fig. S3. Mass spectrum of compound 3.

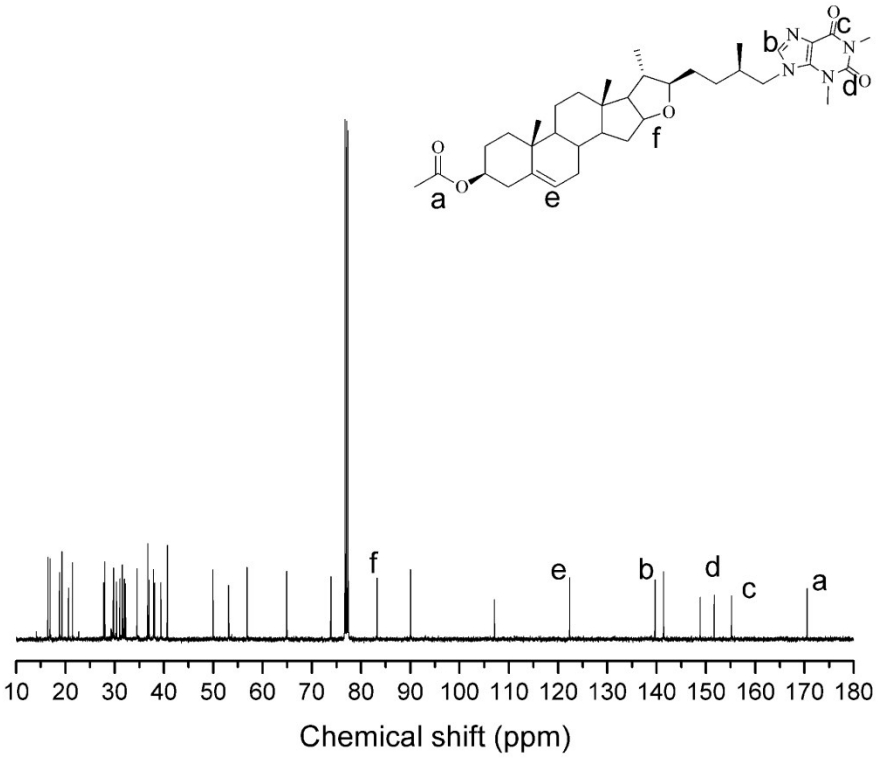

Fig. S4. ^{13}C NMR of D-T in $CDCl_3$.

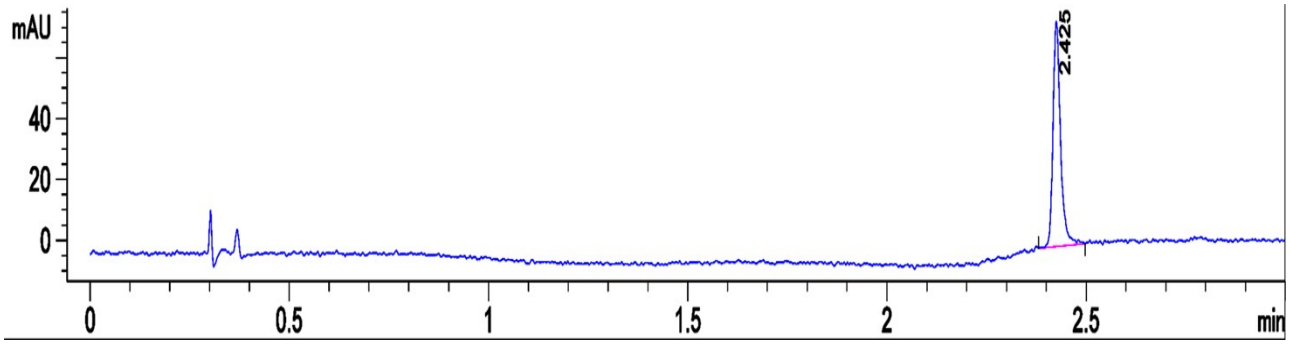

Fig. S5. The LC profile of D-T.

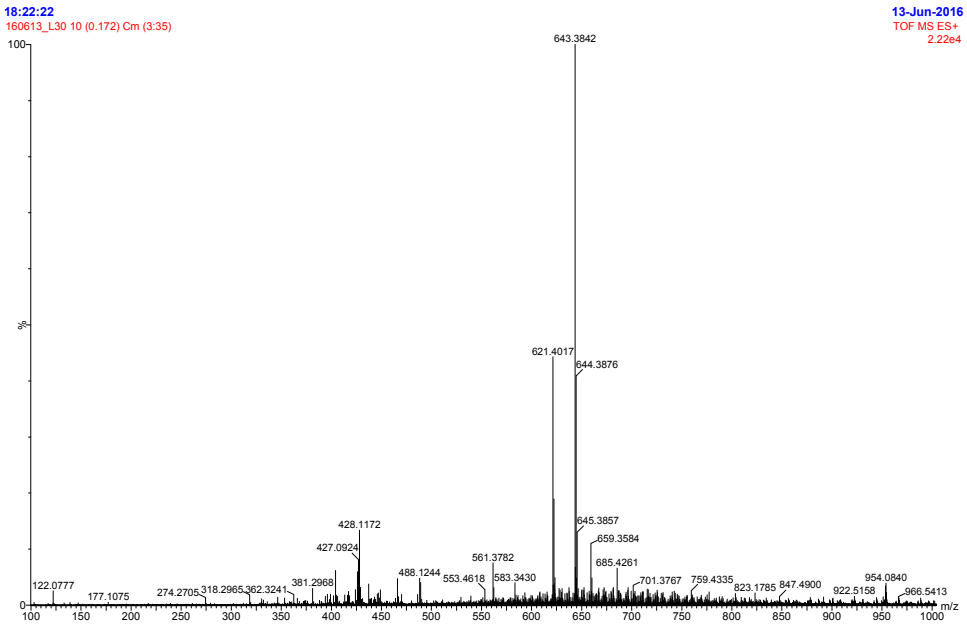

Fig. S6. Mass spectrum of D-T.

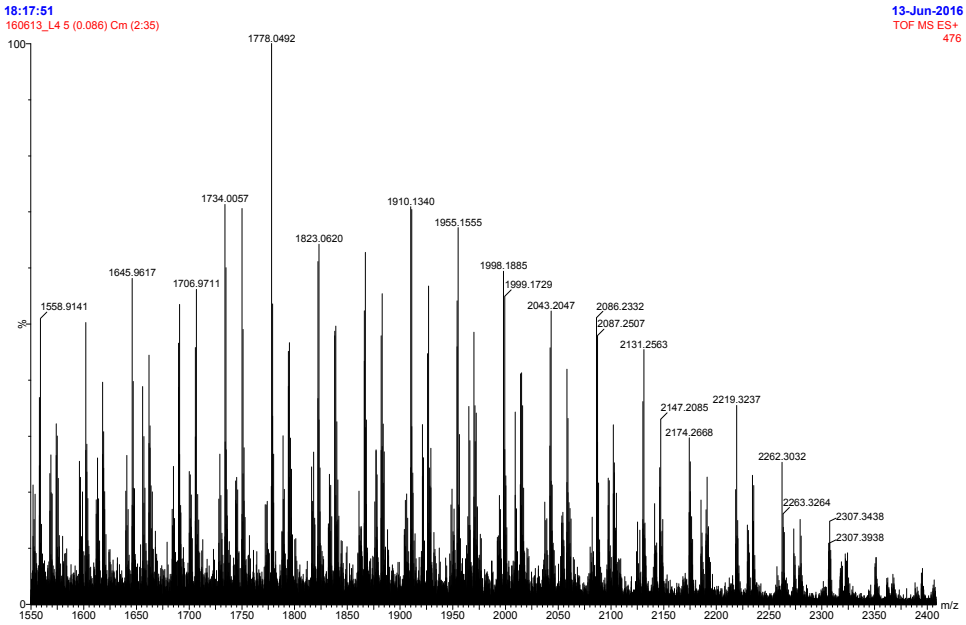

Fig. S7. Mass spectrum of PEG-U.

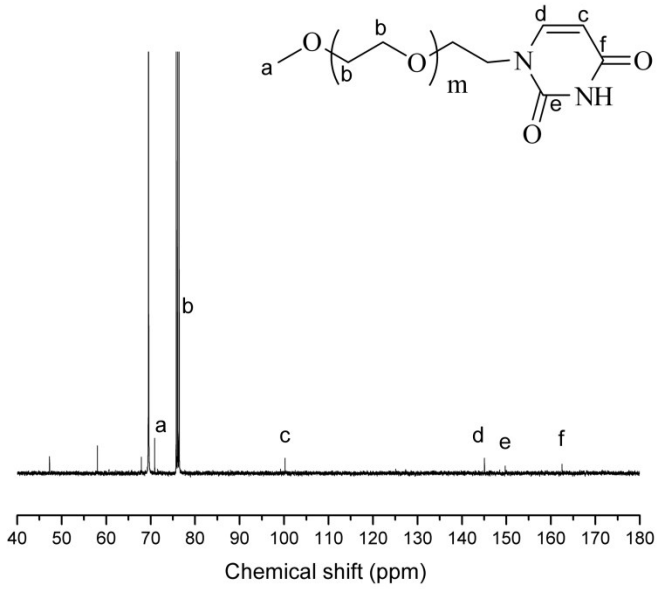

Fig. S8. ^{13}C NMR of uracil-terminated poly(ethylene glycol) (PEG-U) in $CDCl_3$.

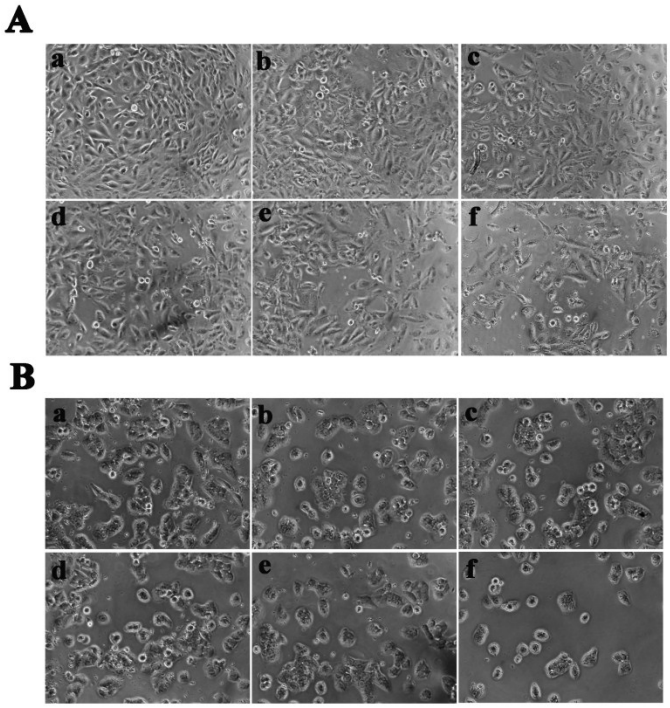

Fig. S9. Incubation with the prodrug micelles and diosgenin for 24 h inhibited the proliferation of and resulted in a morphological change in HK-2 and LO2 cells. (A) Incubation with the prodrug micelles and diosgenin for 24 h inhibited the proliferation of and resulted in a morphological change in HK-2 cells: (a)/(b) Control; (b)/(c) cells treated with 10 uM and 50 uM prodrug micelles; (e)/(f) cells treated with 10 uM and 50 uM diosgenin (B) Incubation with the prodrug micelles and diosgenin for 24 h inhibited the proliferation of and resulted in a morphological change in LO2 cells: (a)/(b) Control; (b)/(c) cells treated with 10 uM and 50 uM prodrug micelles; (e)/(f) cells treated with 10 uM and 50 uM diosgenin.