

Supplementary Information

Maleimidation of dextran and the application in designing Dextran-Camptothecin Conjugate

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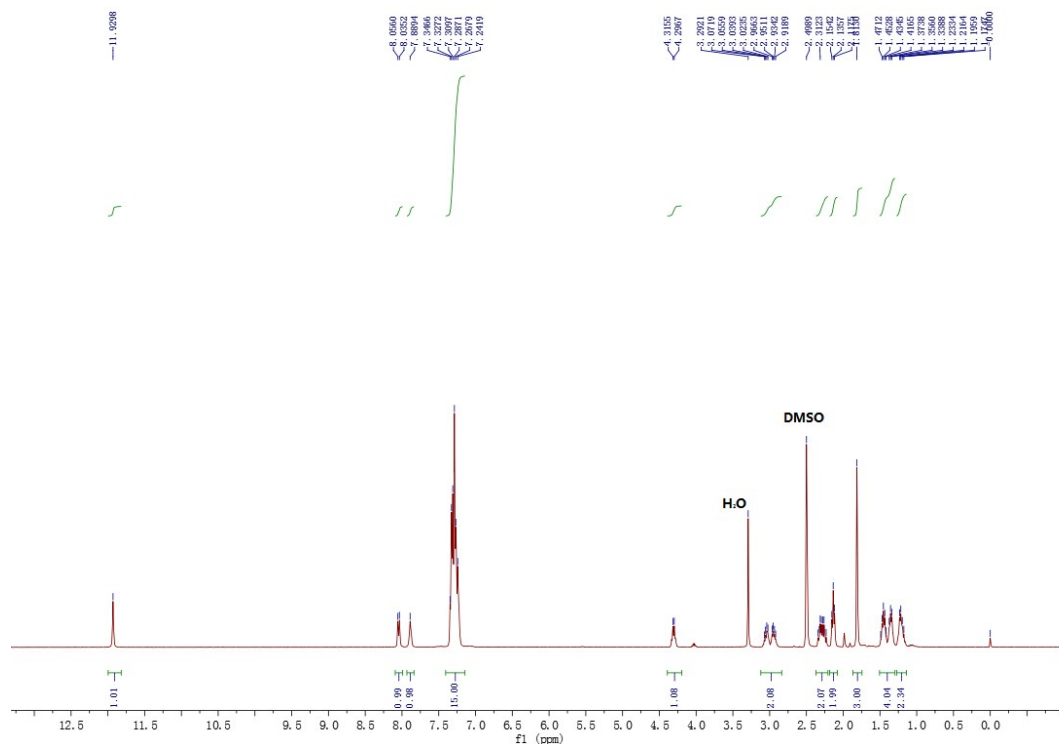
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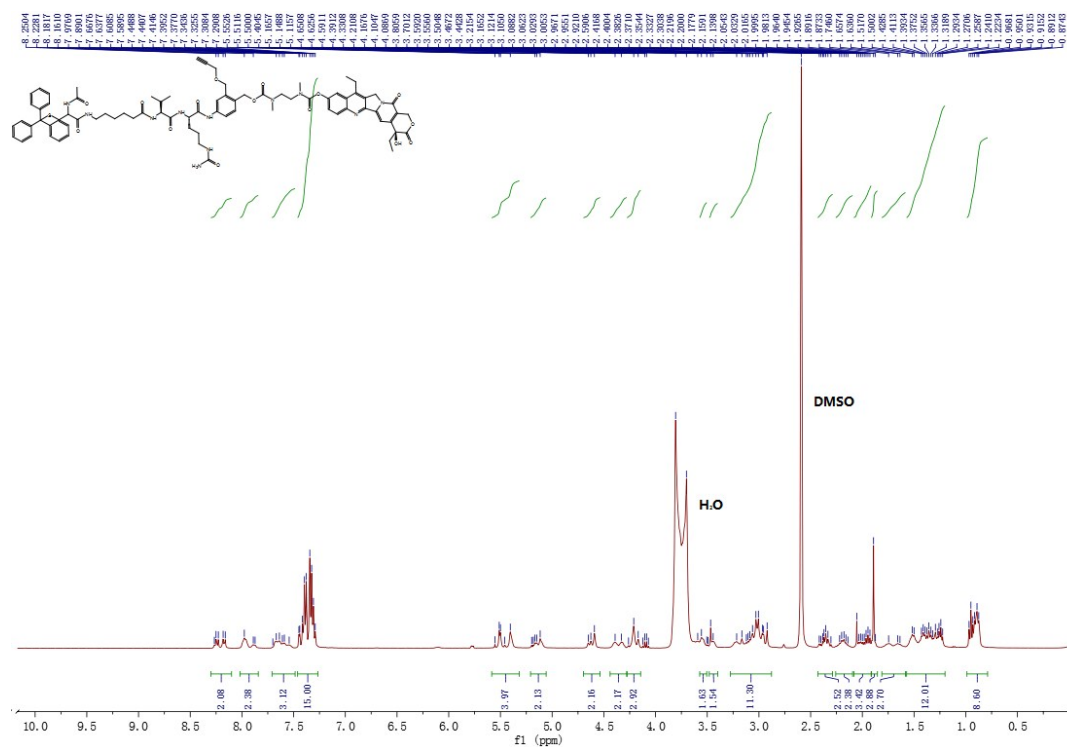
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¹³ C-NMR	S3
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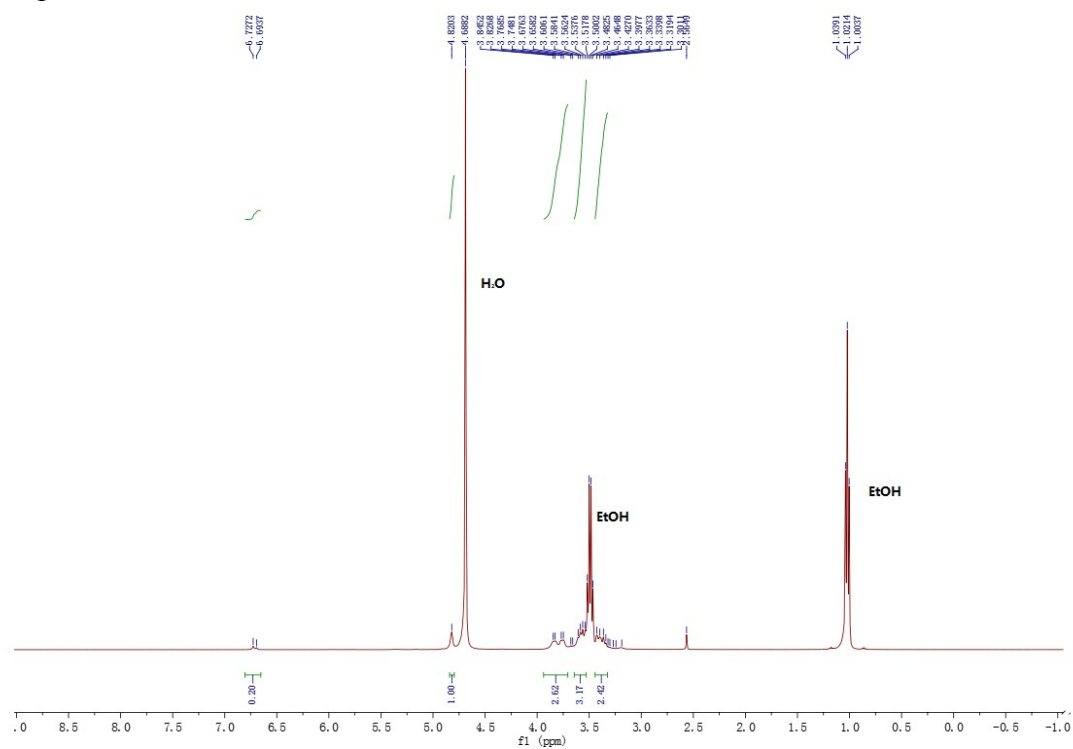
¹H spectra of compound **7**, DMSO-*d*₆



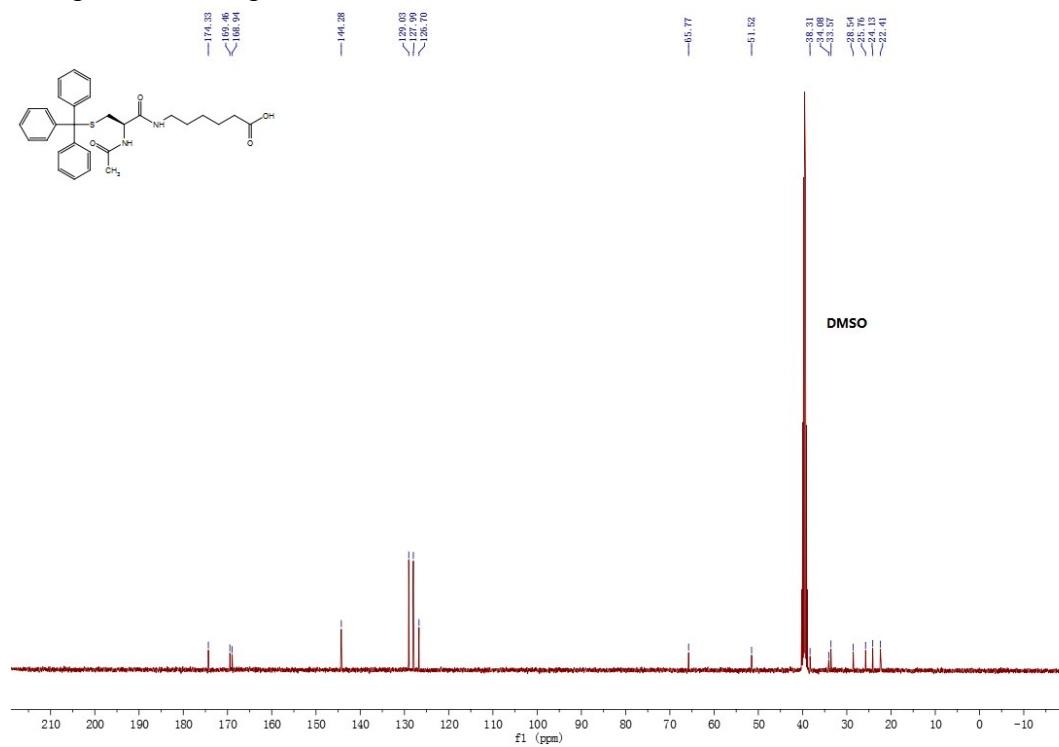
¹H spectra of compound **9**, DMSO-*d*₆, D₂O



¹H spectra of **Dextran-Mal**, D₂O



¹³C spectra of compound **7**, DMSO-*d*₆



The UV-vis absorption spectra

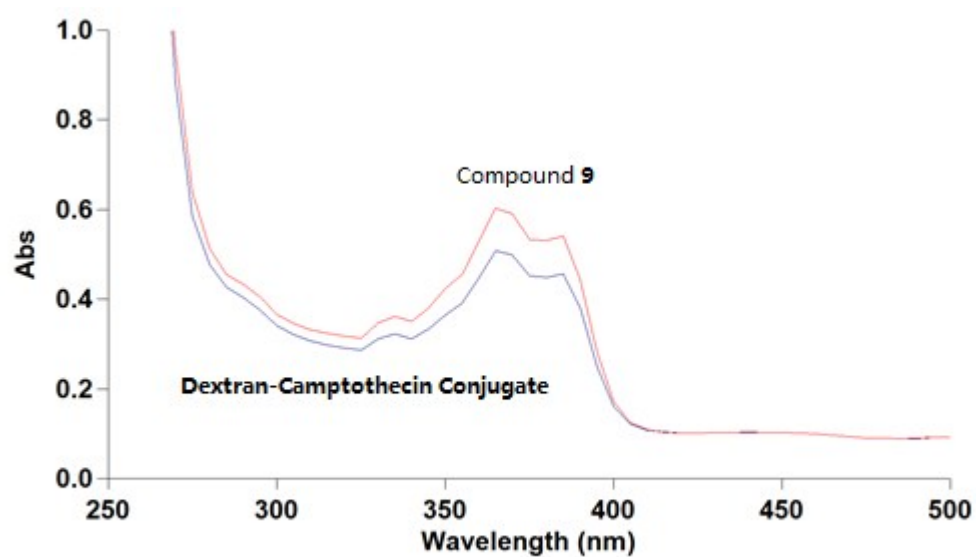


Figure S1. The UV-vis absorption spectra of **Dextran Camptothecin Conjugate** and Compound **9**

The standard curve of compound 9

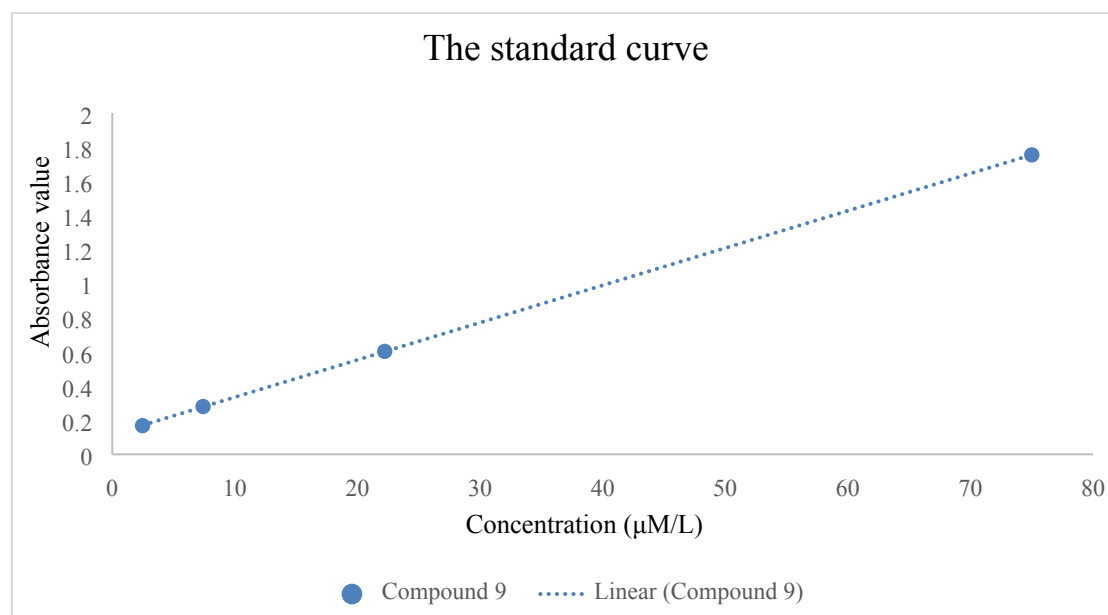


Figure S2. The standard curve of compound **9**

The size distribution

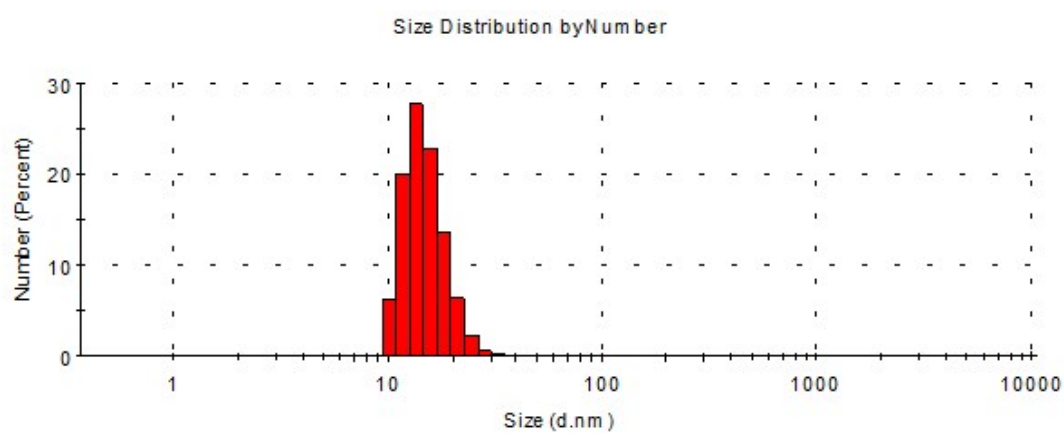


Figure S3. The size distribution of **Dextran-Mal** with a concentration of 1 mg/mL.

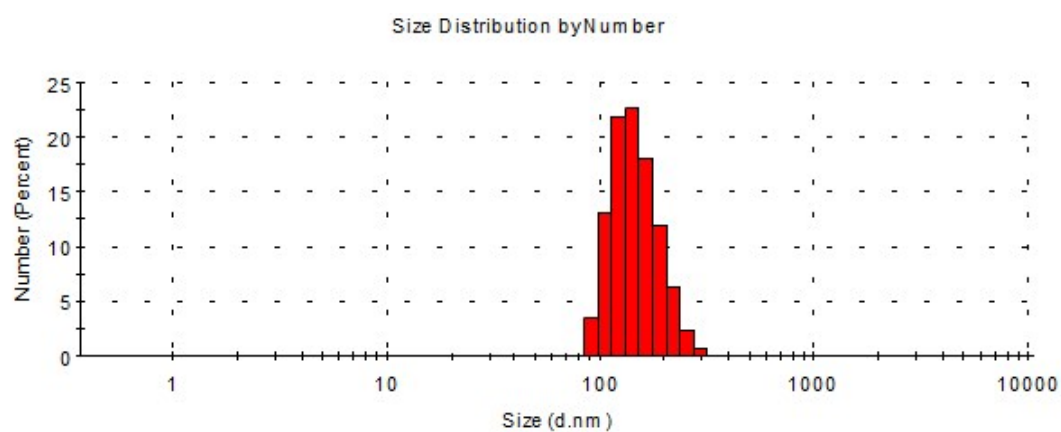


Figure S4. The size distribution of **Dextran-Camptothecin Conjugate** with a concentration of 0.03 mg/mL.

In vitro cell-proliferation assay

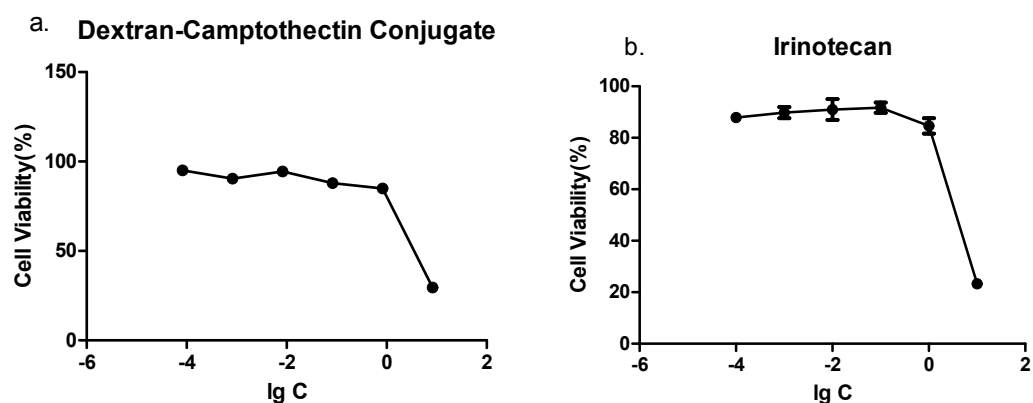


Figure S5. In vitro cytotoxicity assay data on Hela cells

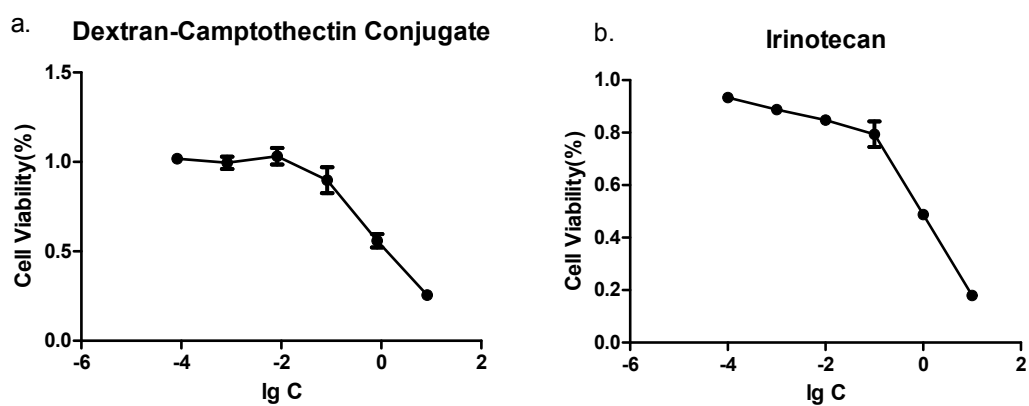


Figure S6. In vitro cytotoxicity assay data on HCT-116 cells

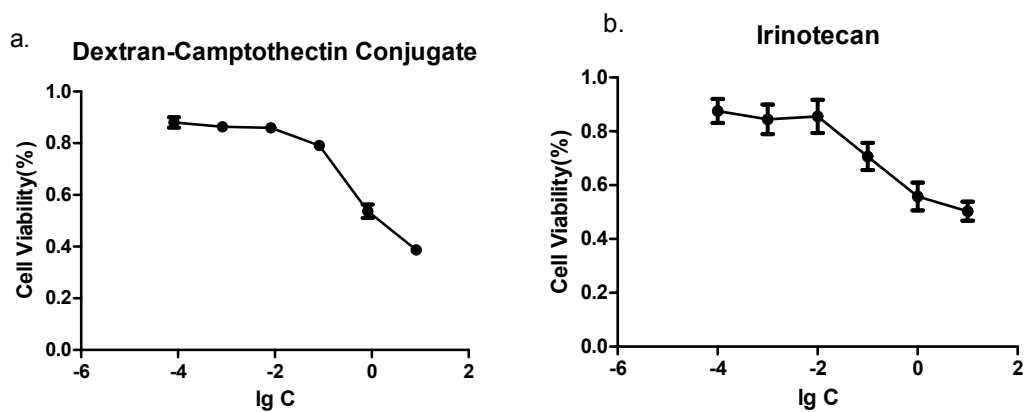


Figure S7. In vitro cytotoxicity assay data on HepG2 cells