

Electronic Supplementary Information

Thermoresponsive 2-Hydroxy-3-Isopropoxypropyl Hydroxyethyl Cellulose with Tunable LCST for Drug Release

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Supplementary data__GPC Experimental

The molecular weights and molecular weight distribution of HIPEC were measured on an Agilent Technologies 1200 series gel permeation chromatograph equipped with two columns (ultrahydrogel 1000 7.8 mm×300 mm and ultrahydrogel 250 7.8 mm × 300 mm). Sample was dissolved in 1 mL of eluent (concentration 0.1%, w/w). Injection volume was 100 μ L. H₂O was used as the eluent at a flow rate of 1 mL/min at 20 °C.

Supplementary data__¹H-NMR, ¹³C-NMR, and 2D HSQC NMR spectra

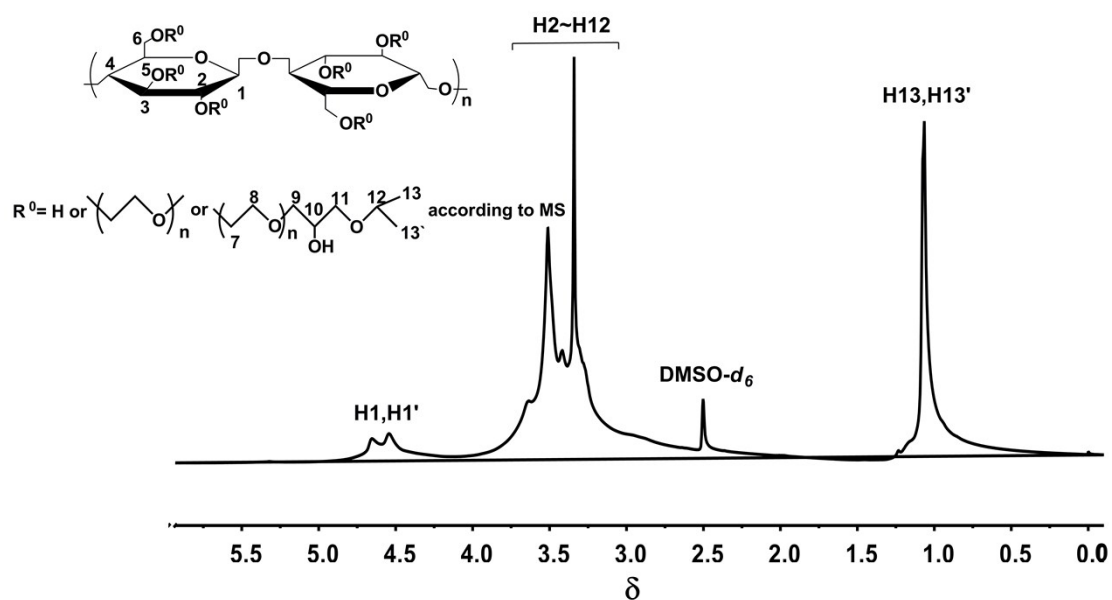


Figure S1. ¹H-NMR spectra of HIPEC-3 recorded in DMSO-*d*₆

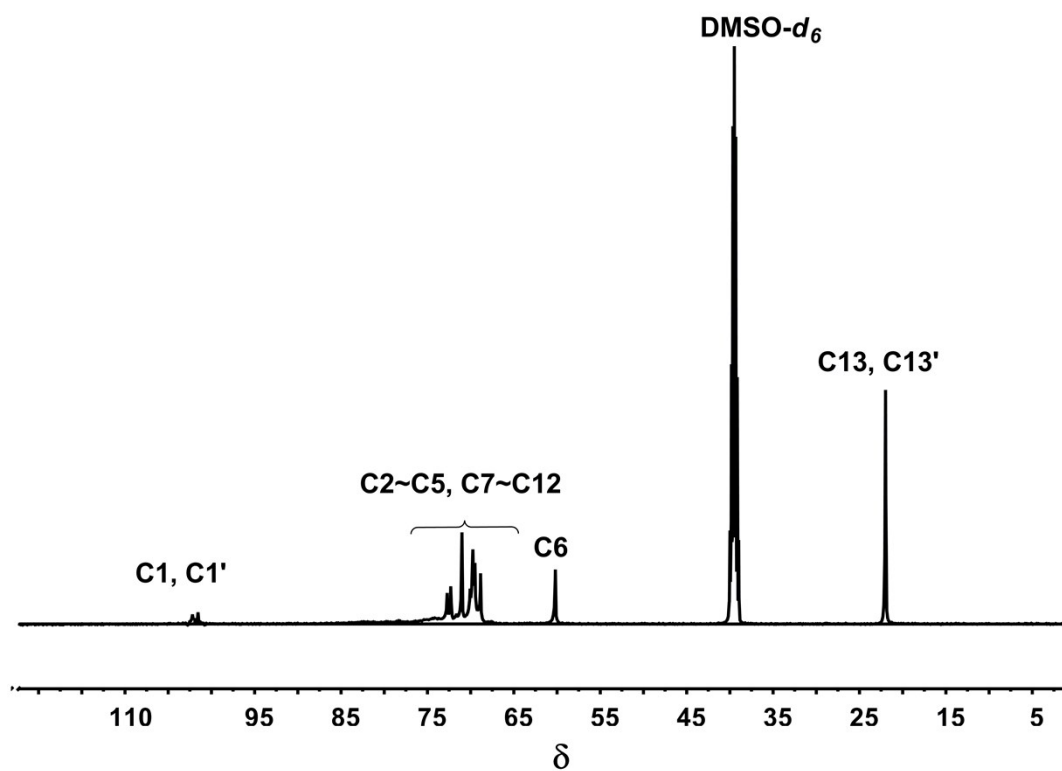


Figure S2. ^{13}C -NMR spectra of HIPEC-3 recorded in $\text{DMSO-}d_6$

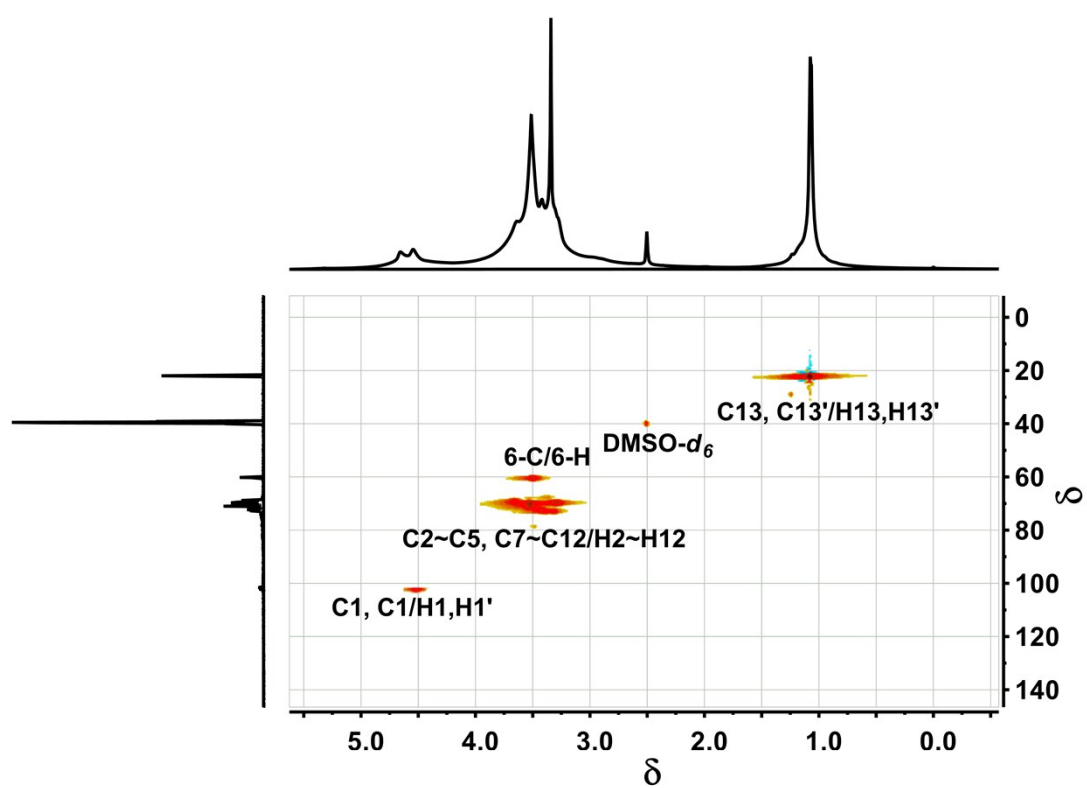


Figure S3. 2D HSQC NMR spectra of HIPEC-3 recorded in $\text{DMSO-}d_6$