

# Supporting Information File 2

for

## **Conjugates of methylated cyclodextrin derivatives and hydroxyethyl starch (HES): Synthesis, cytotoxicity and inclusion of anaesthetic actives**

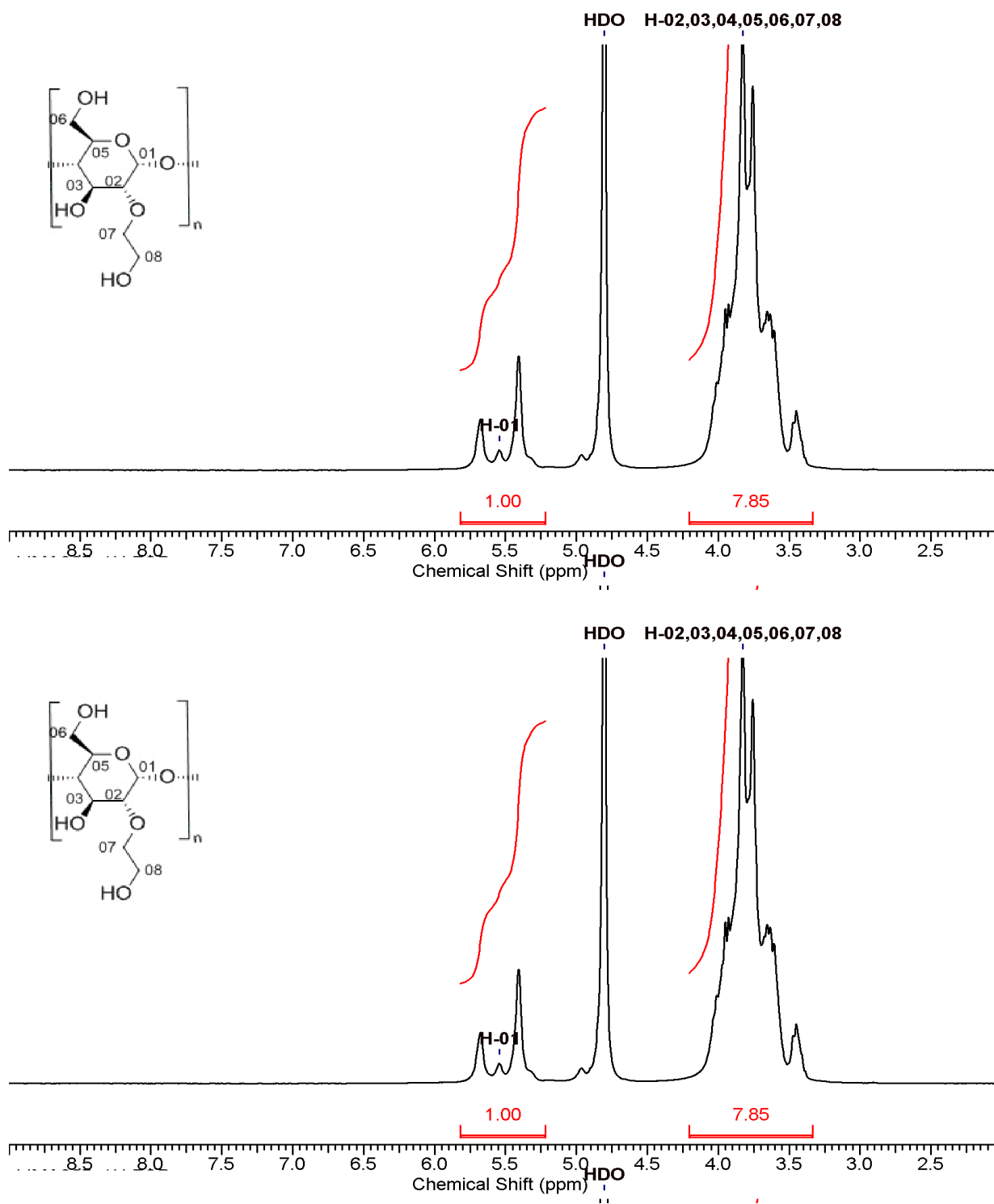
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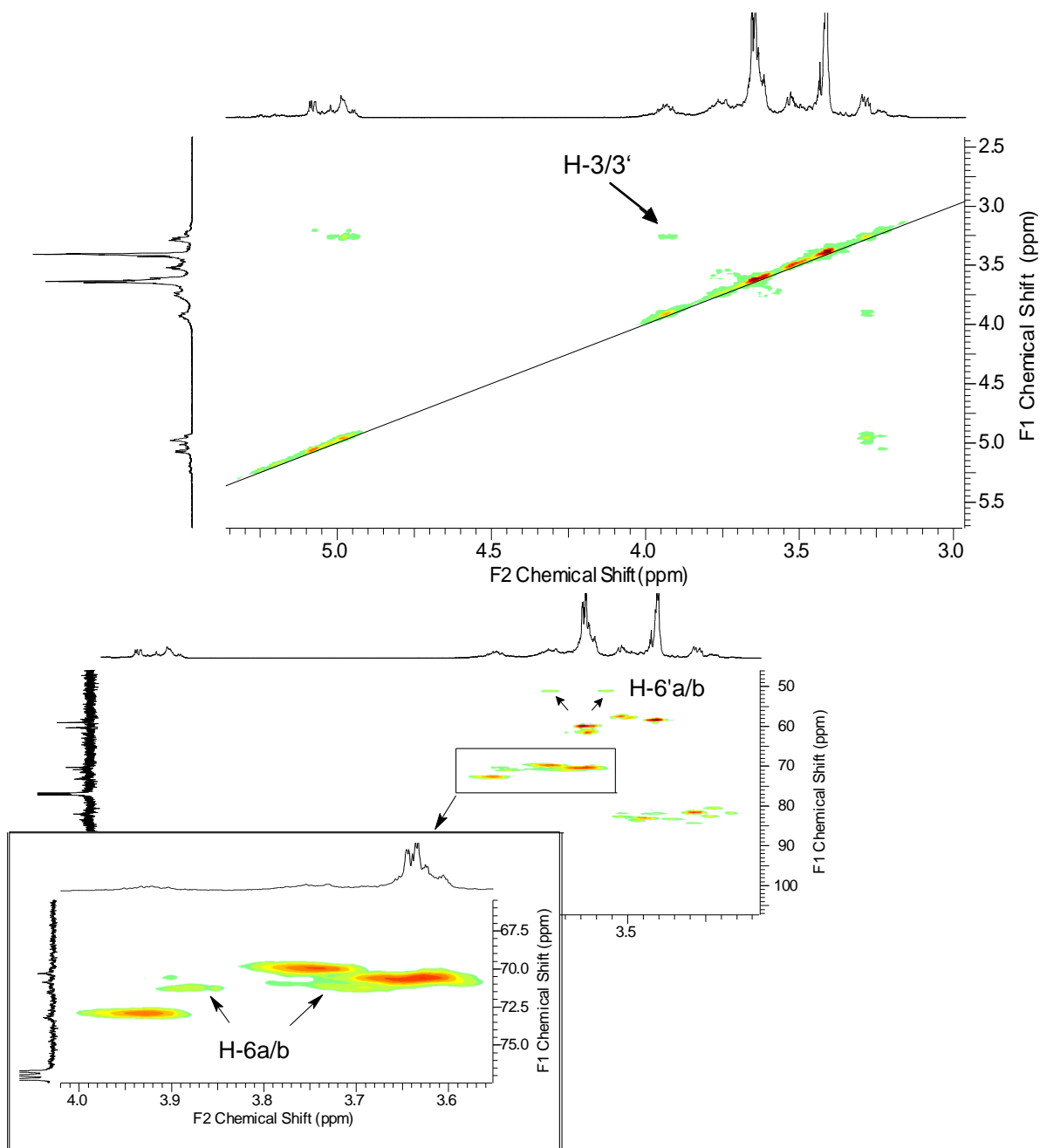
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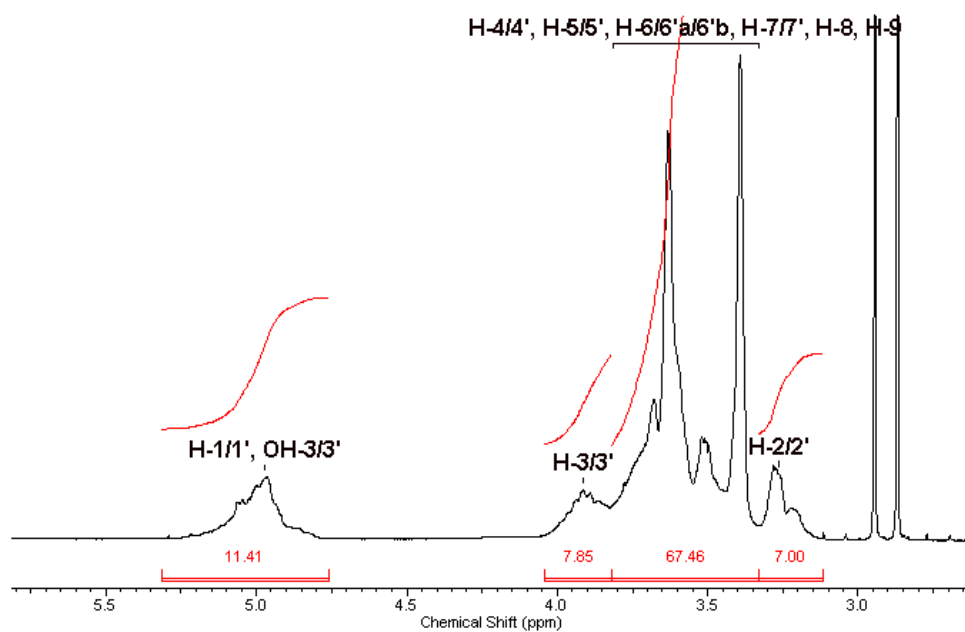
**NMR spectra of HES, 1a, 1b, 6, and IR spectra of HES, 2, 5a**



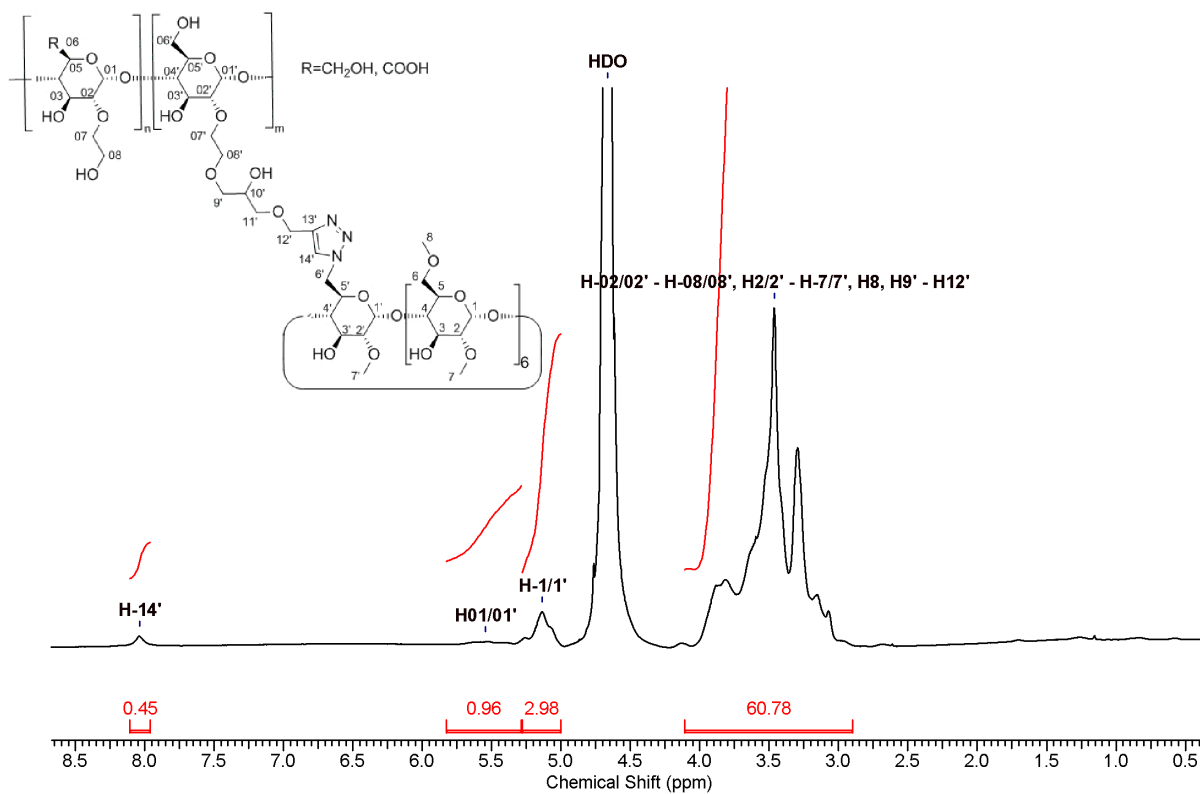
**Figure 1s.**  $^1\text{H}$  NMR of HES in  $\text{D}_2\text{O}$



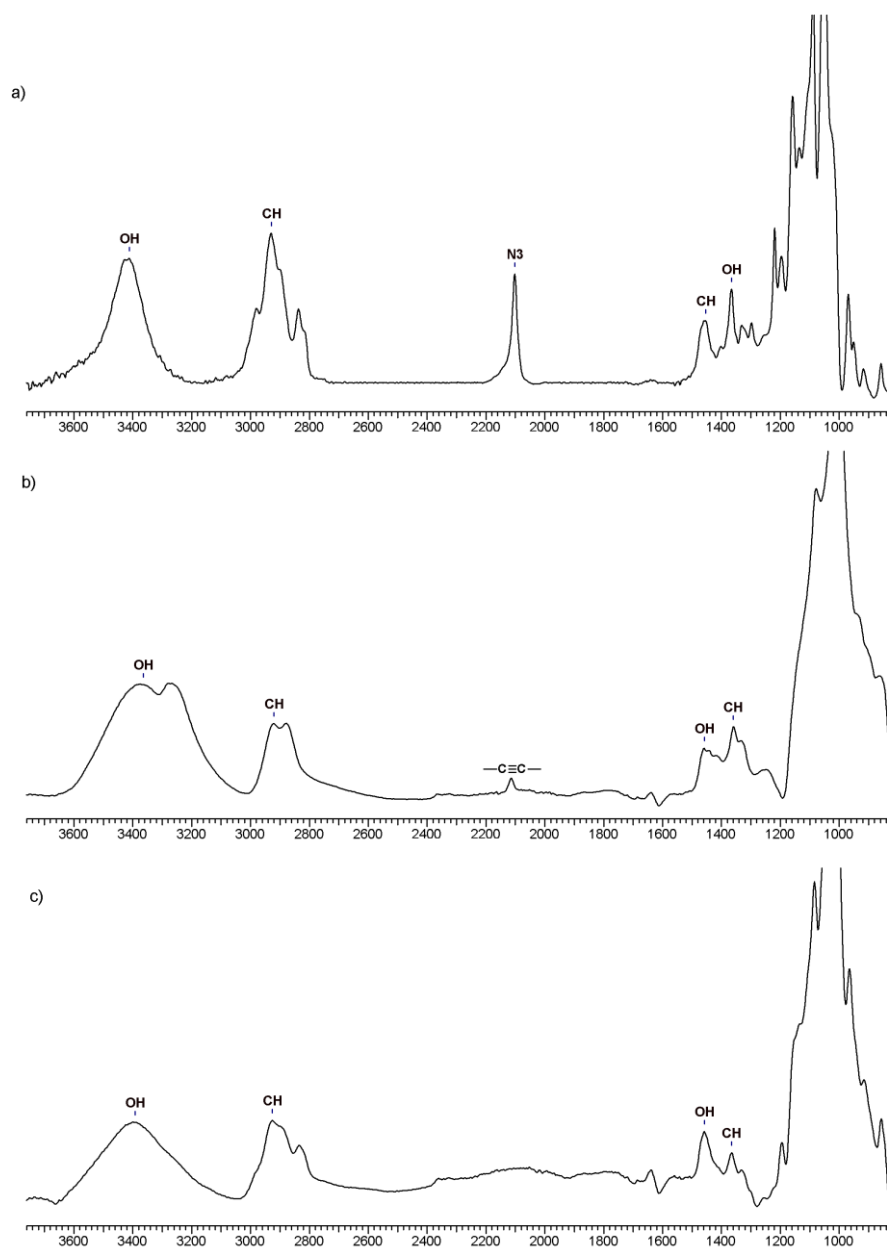
**Figure 2s.**  $^1\text{H}$ -COSY and HSQC spectra of azido functionalized DIMEB **1a** in  $\text{D}_2\text{O}$ . The HH-COSY indicates the distinct correlation between H-1/1' at 5.0 ppm, H-2/2' at 3.25 ppm and H-3/3' at 3.92 ppm.



**Figure 3s.**  $^1\text{H}$  NMR spectrum of azido functionalized RAMEB **1b** in  $\text{D}_2\text{O}$ , large signals were truncated for a better resolution of the small signals.



**Figure 4s.**  $^1\text{H-NMR}$  spectrum of conjugate of DIMEB and oxidized HES 6.



**Figure 5s.** FT-IR spectra of a) **1a**, b) propargylated HES **2** and c) conjugate of HES and DIMEB **5a**