Supporting Information

Development of polymeric microbubbles targeted to prostate-specific membrane antigen as prototype of novel ultrasound contrast agents

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Figure S1. Characterization of intermediate **3**: ¹H-1D NMR. Spectra recorded in CDCl₃ at 600 MHz.

Figure S2. Characterization of intermediate 3: ¹H-¹H COSY. Spectra recorded in CDCl₃ at 600 MHz.

Figure S3. Characterization of intermediate **3**: ¹H-¹³C HMBC. Spectra recorded in CDCl₃ at 600 MHz.

Figure S4. Characterization of intermediate **3**: ¹H-¹³C HSQC. Spectra recorded in CDCl₃ at 600 MHz.

Figure S5. Characterization of intermediate **3**: ¹H-¹H TOCSY. Spectra recorded in CDCl₃ at 600 MHz.

Figure S6. Characterization of PLGA-PEG-DCL. ¹H-NMR with pattern signals of PLGA-PEG and of DCL (grey arrows).

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Figure S1. Characterization of intermediate 3: 1 H-1D NMR. Spectra recorded in CDCl₃ at 600 MHz.

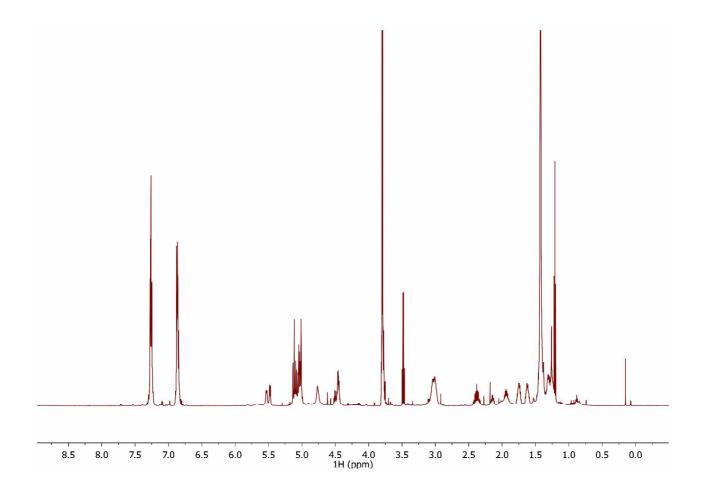


Figure S2. Characterization of intermediate **3**: ¹H-¹H COSY. Spectra recorded in CDCl₃ at 600 MHz.

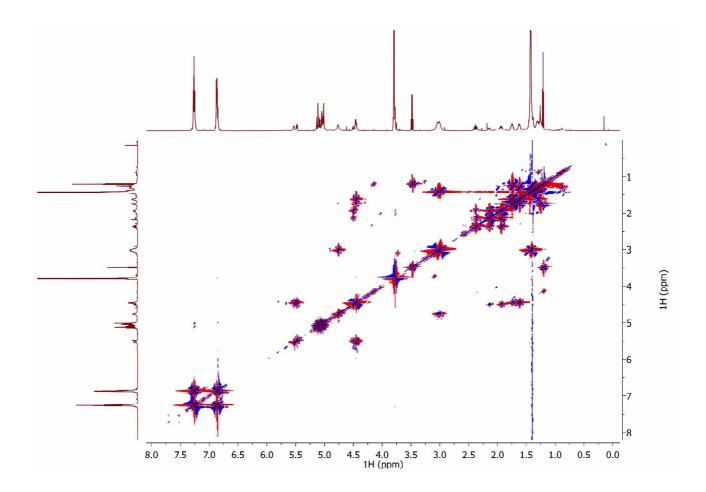


Figure S3. Characterization of intermediate **3**: $^{1}\text{H-}^{13}\text{C}$ HMBC. Spectra recorded in CDCl₃ at 600 MHz.

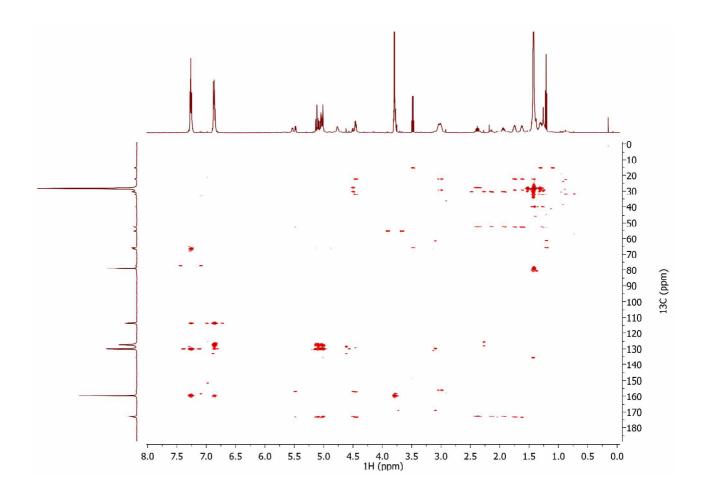


Figure S4. Characterization of intermediate **3**: ¹H-¹³C HSQC. Spectra recorded in CDCl₃ at 600 MHz.

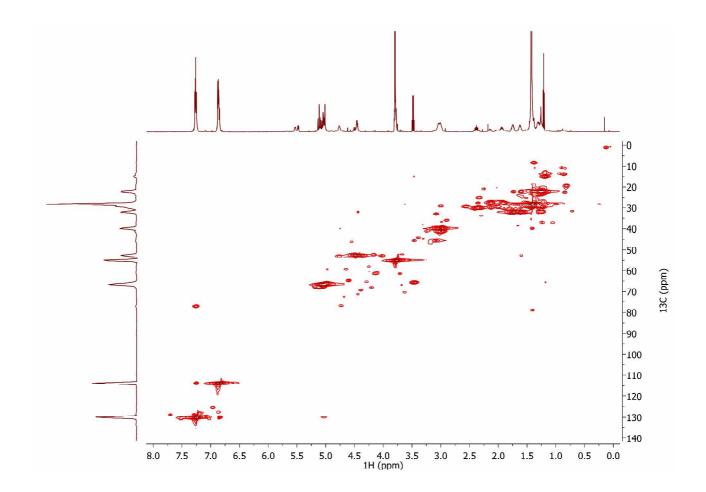


Figure S5. Characterization of intermediate **3**: $^{1}\text{H-}^{1}\text{H}$ TOCSY. Spectra recorded in CDCl₃ at 600 MHz.

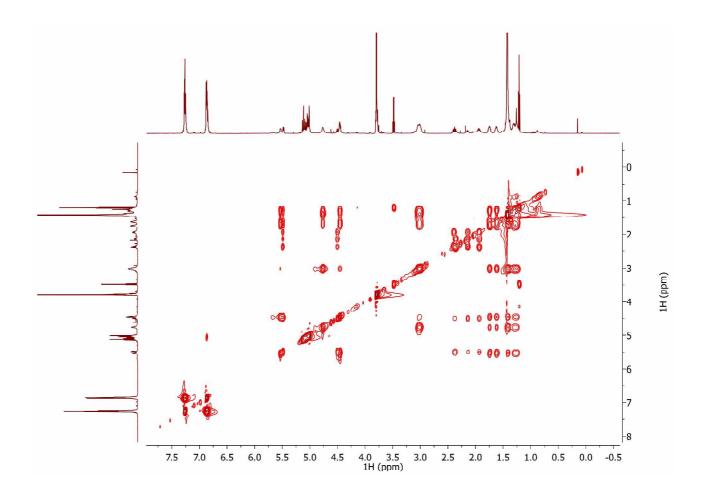


Figure S6. Characterization of PLGA-PEG-DCL. ¹H-NMR with pattern signals of PLGA-PEG fragment (**a-d**) and of DCL (grey arrows).

