

Supporting information

for

Chiral recognition of macromolecules with cyclodextrins: pH- and thermosensitive copolymers from *N*-isopropylacrylamide and *N*-acryloyl-D/L-phenylalanine and their inclusion complexes with cyclodextrins

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Additional 2D NMR ROESY and ^1H NMR data

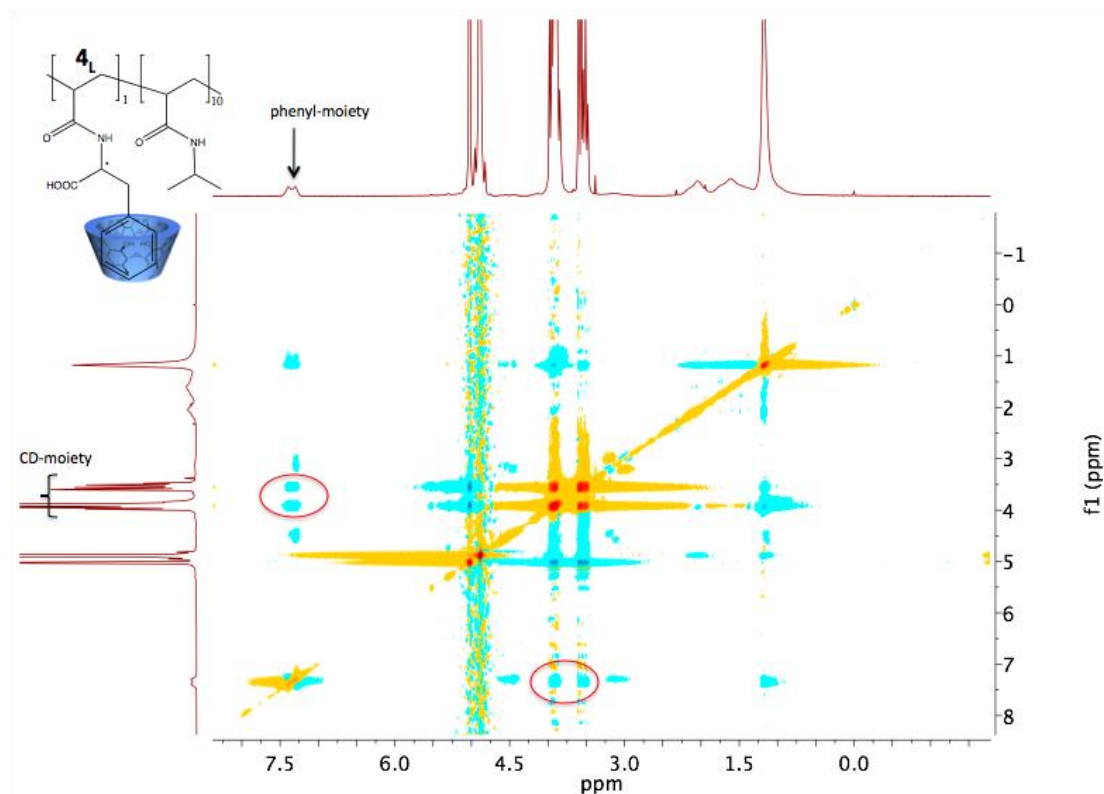


Figure 1: 2D NMR ROESY experiment showing the correlation between protons of the phenyl moiety of 4_L with the β -CD protons.

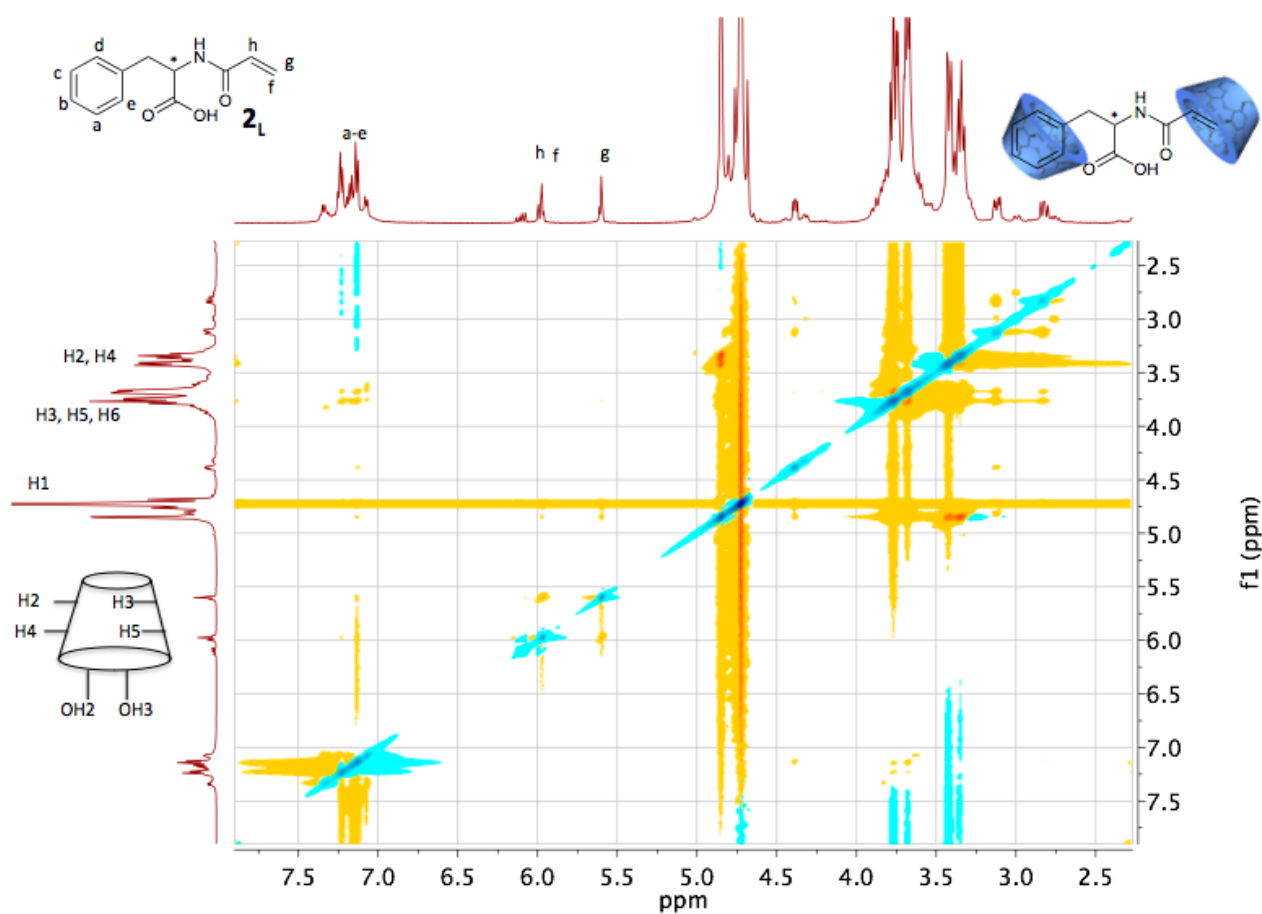


Figure 2: 2D NMR ROESY experiment showing the correlation between protons of the phenyl moiety of 2_L with the β -CD protons.

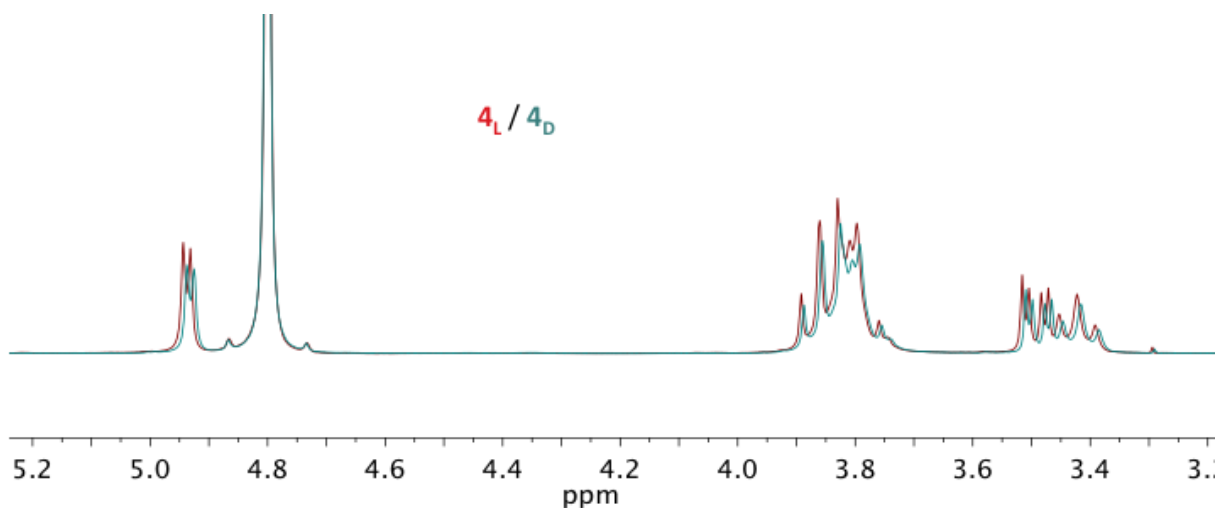


Figure 3: Section of ^1H NMR spectra showing β -CD protons of supramolecular structures 4_{D} and 4_{L} in comparison exhibiting a small shift difference due to complexation with β -CD.

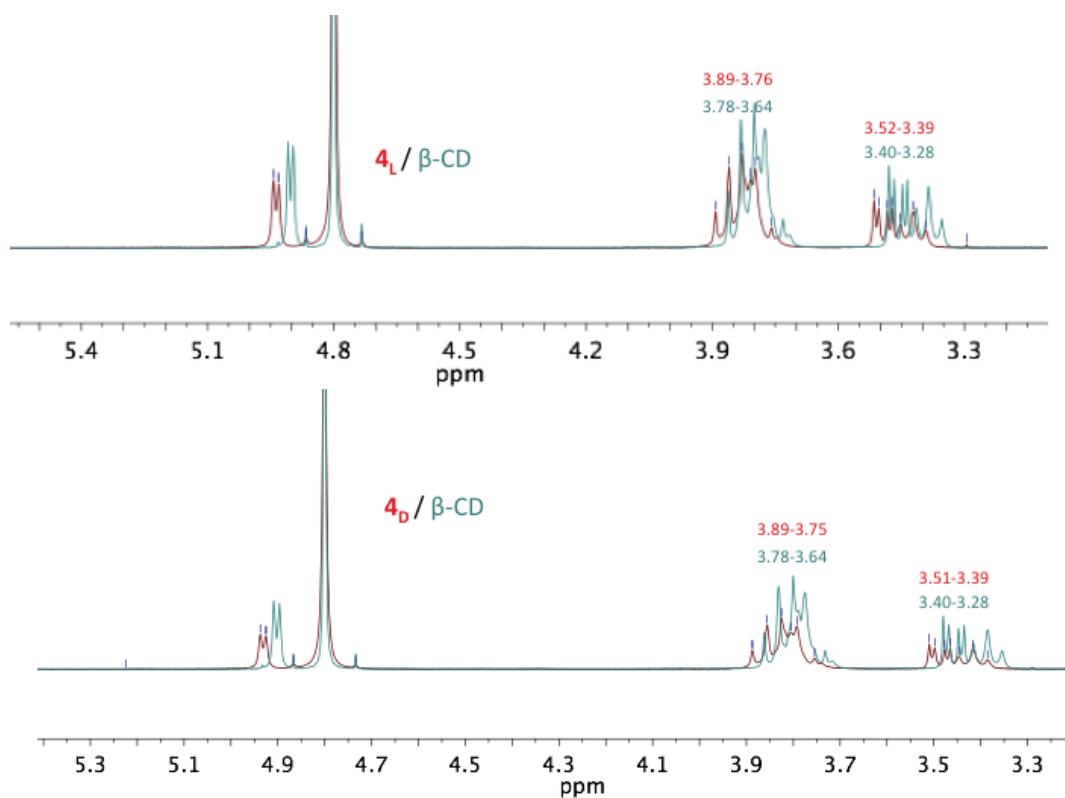


Figure 4: Section of ^1H NMR spectra showing CD protons of supramolecular structures 4_{D} and 4_{L} in comparison with native β -CD exhibiting clear shift difference due to complexation with β -CD.