

SUPPLEMENTARY MATERIAL

Losartan interactions with 2-hydroxypropyl- β -CD

Vasiliki Palli ¹, Georgios Leonis ¹, Nikoletta Zoupanou ¹, Nikitas Georgiou ¹, Maria Chountoulesi ², Nikolaos Naziris ^{2,3}, Demeter Tzeli ^{1,4}, Costas Demetzos ², Georgia Valsami ^{2,*}, Konstantinos D. Marousis ⁵, Georgios A. Spyroulias ⁵ and Thomas Mavromoustakos ^{1,*}

¹Department of Chemistry, School of Sciences, National and Kapodistrian University of Athens, Zografou, 15784, Greece

²Department of Pharmacy, School of Health, Sciences, National and Kapodistrian University of Athens, Zografou 15784, Greece

³Department of General Biophysics, Faculty of Biology and Environmental Protection, University of Lodz, Pomorska 141/143, Lodz 90-236, Poland

Department of Pharmacy, University of Patras, 26504 Patras, Greece

⁴Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, 48 Vassileos Constantinou Ave., Athens 116 35, Greece

⁵ Department of Pharmacy, University of Patras, 26504 Patras, Greece

*Correspondence: tmavrom@chem.uoa.gr; valsami@pharm.uoa.gr

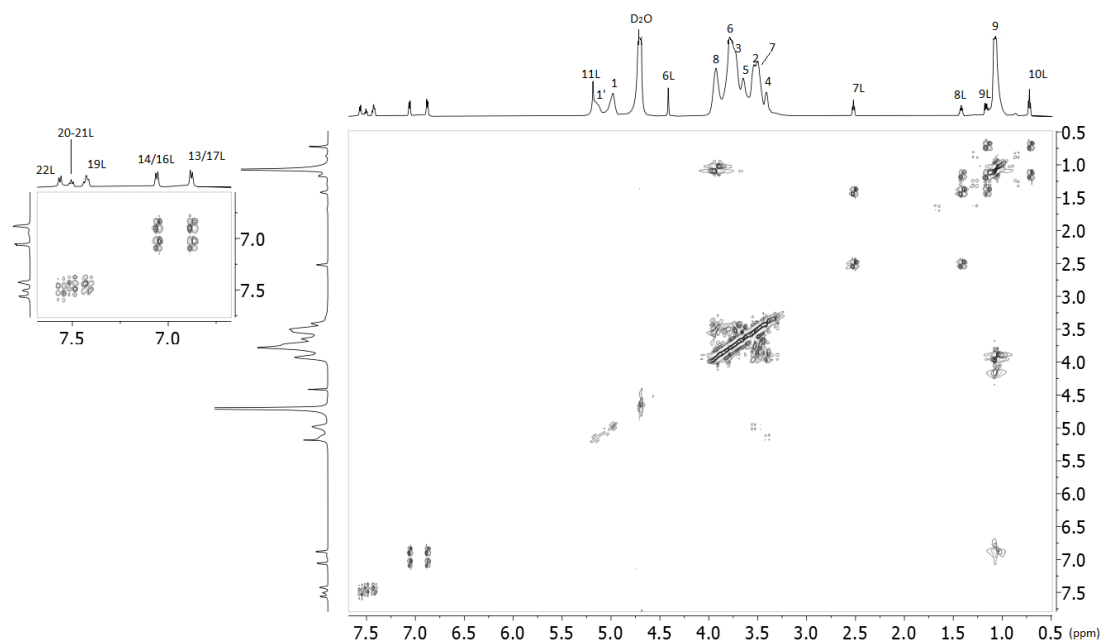


Figure S1. 2D COSY NMR spectra of losartan and 2-hp- β -CD complex obtained with 700 MHz Bruker spectrometer using D₂O solvent and at 25 °C.

Figure S2. 2D COSY NMR spectra of losartan with 700 MHz Bruker spectrometer using D₂O solvent and at 25°C

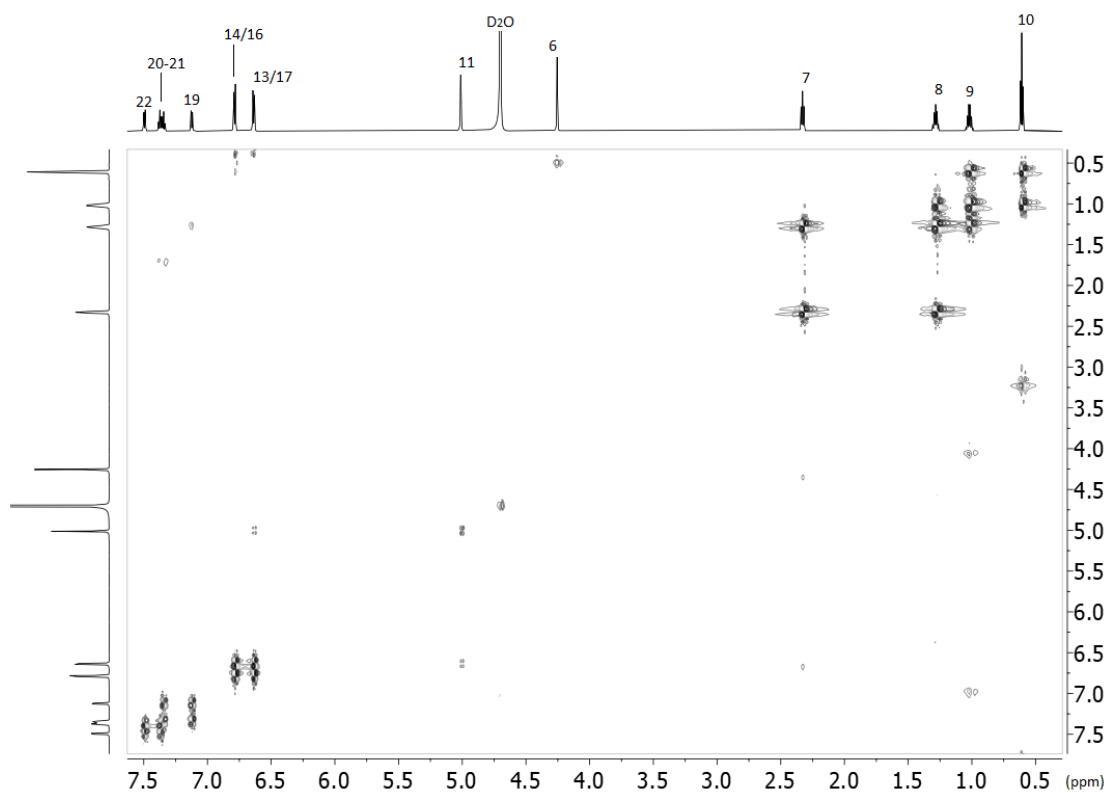


Figure S2. 2D COSY NMR spectra of losartan with 700 MHz Bruker spectrometer using D₂O solvent and at 25 °C.

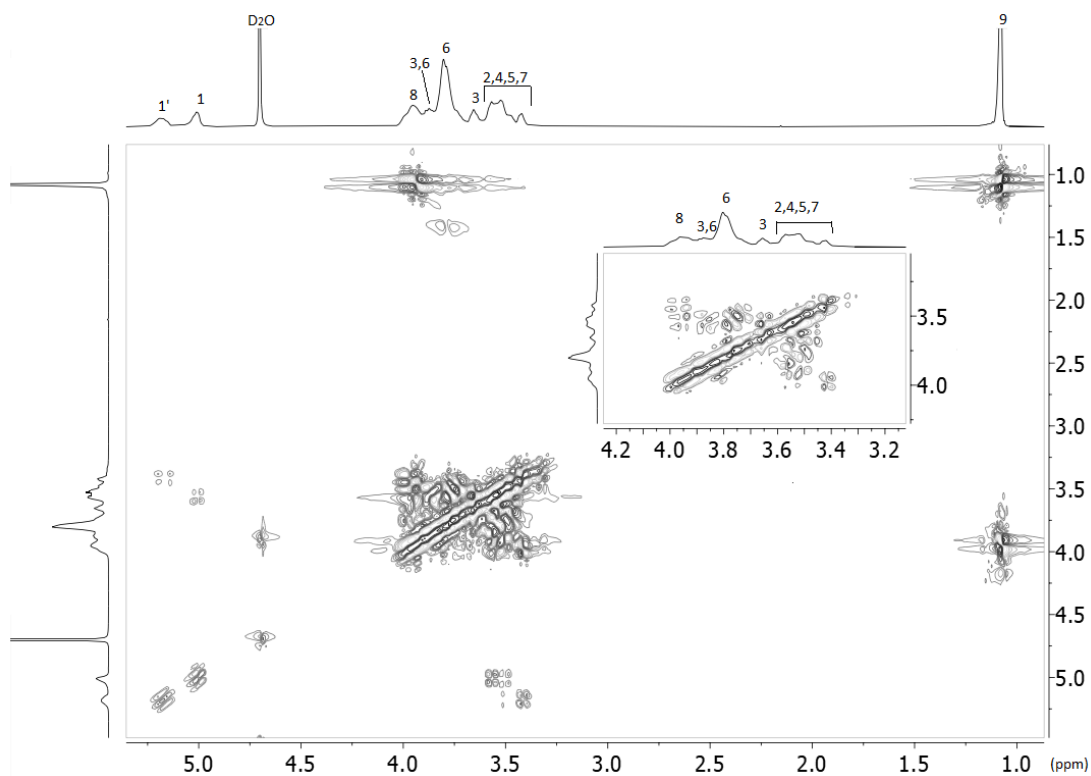


Figure S3. 2D COSY NMR spectra of losartan obtained with 700 MHz Bruker spectrometer using D₂O solvent and at 25 °C.

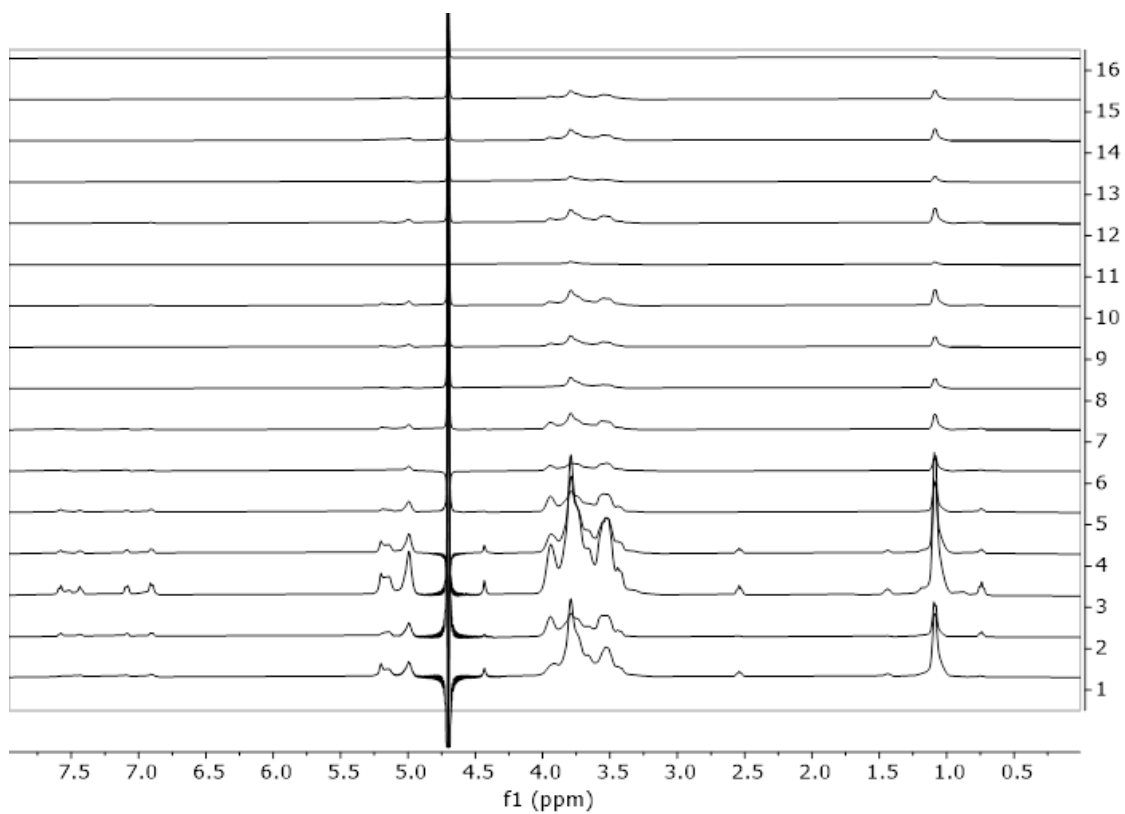


Figure S4. Relaxation time of losartan and 2-hp-β-CD complex.

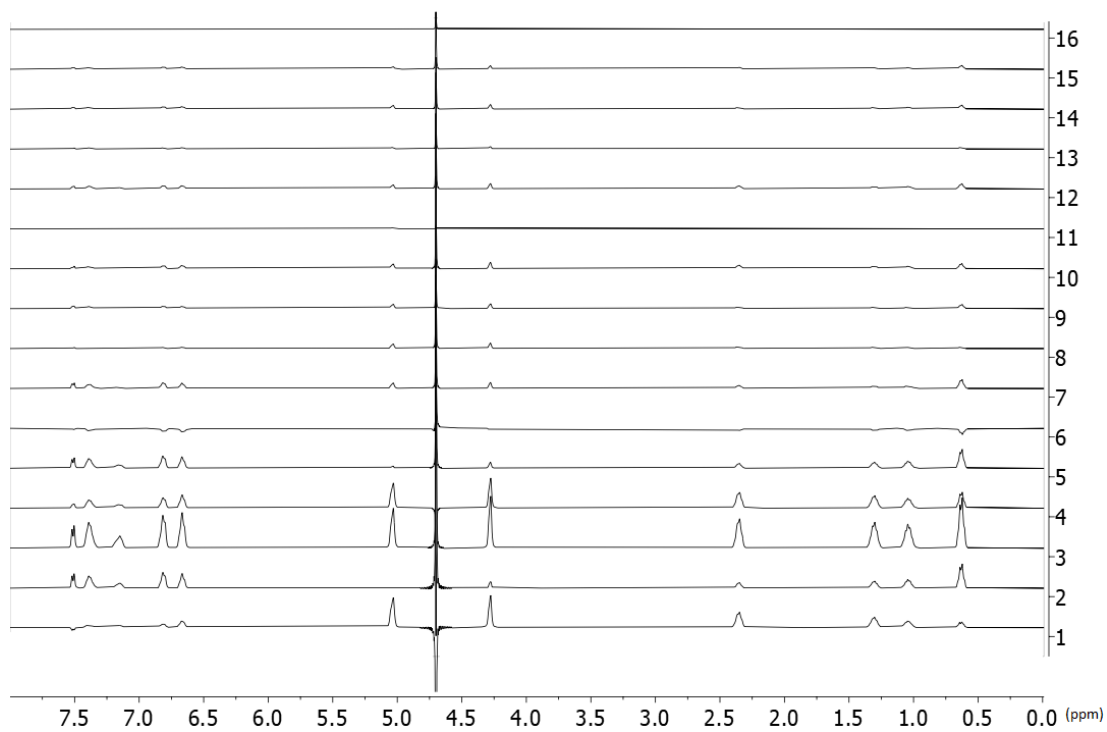


Figure S5. Relaxation time of losartan.

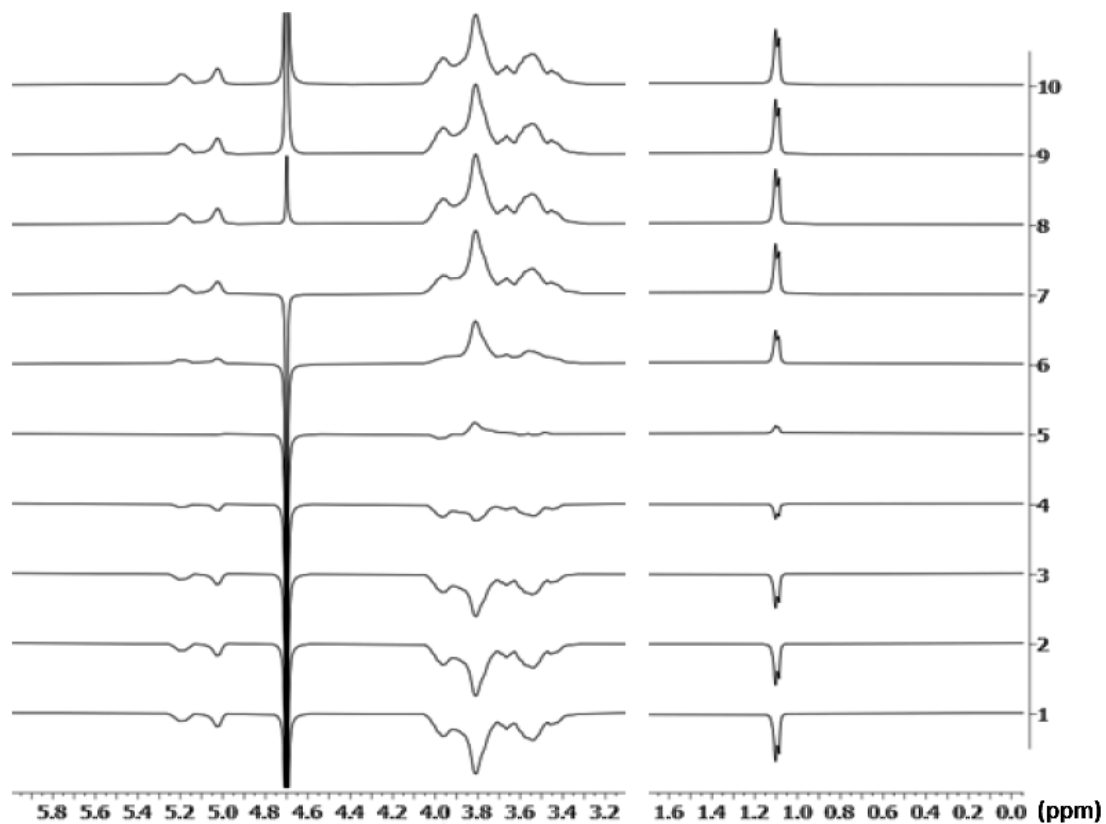


Figure S6. Relaxation time of 2-hp- β -CD.

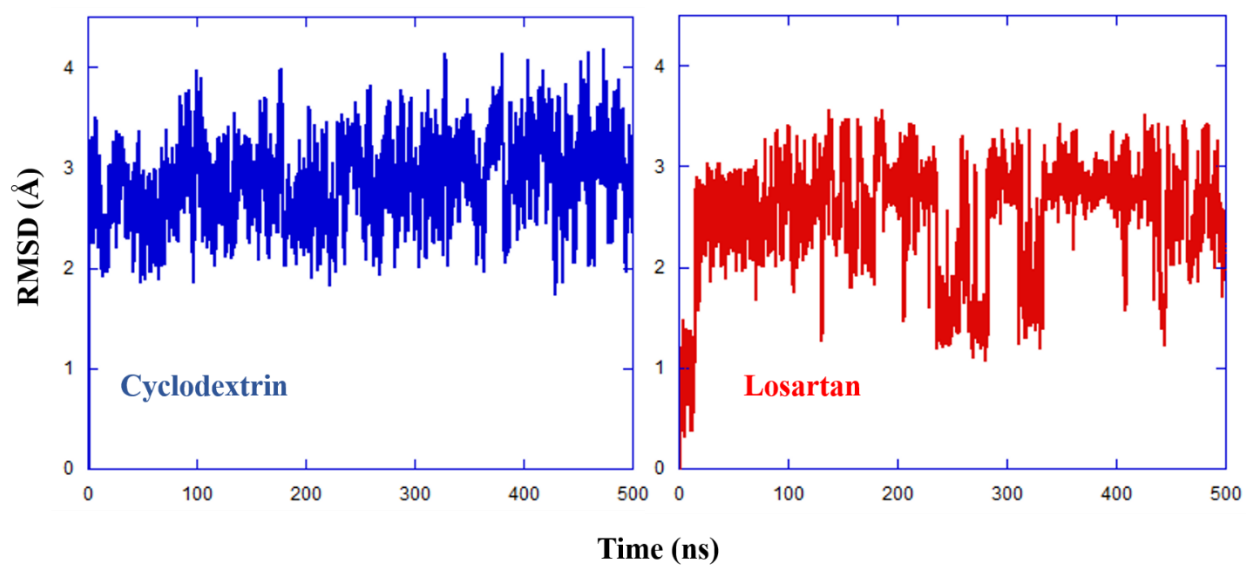


Figure S7. Root mean square deviations (RMSD) of cyclodextrin (2-HP- β -CD) and losartan in the inclusion complex.