

Supporting Materials

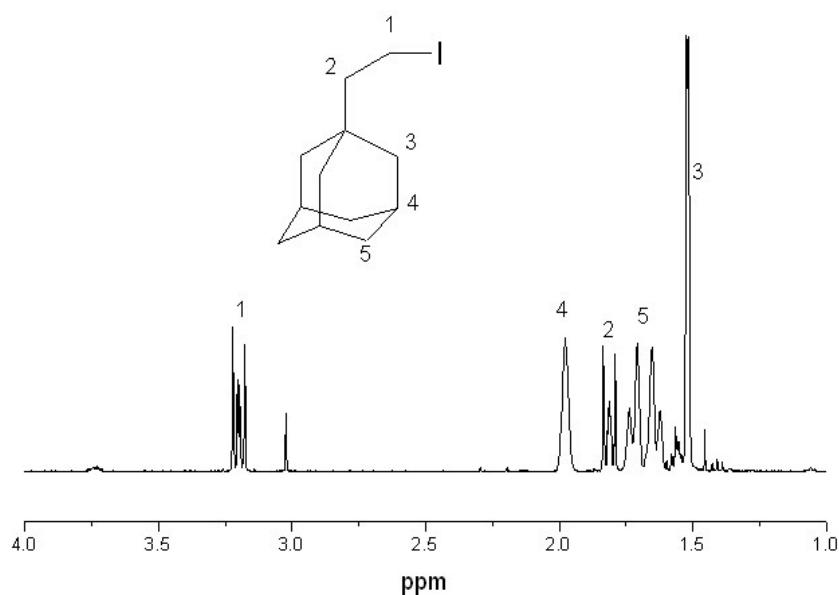


Figure S1. ¹H NMR spectrum of adamantaneeethyl iodide in CDCl₃

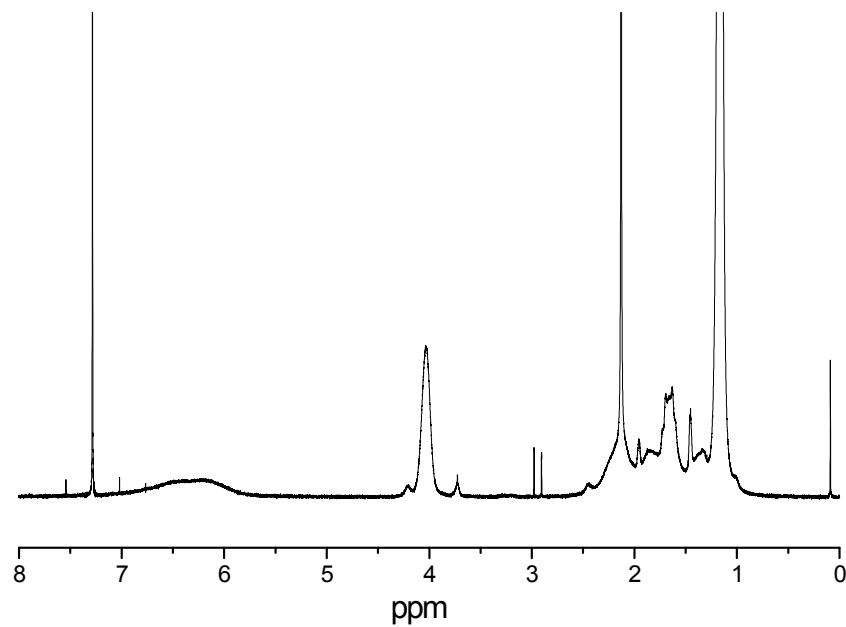


Figure S2. ¹H NMR spectrum of α , ω -diadamantaneethyl poly(*N*-isopropylacrylamide) in CDCl₃.

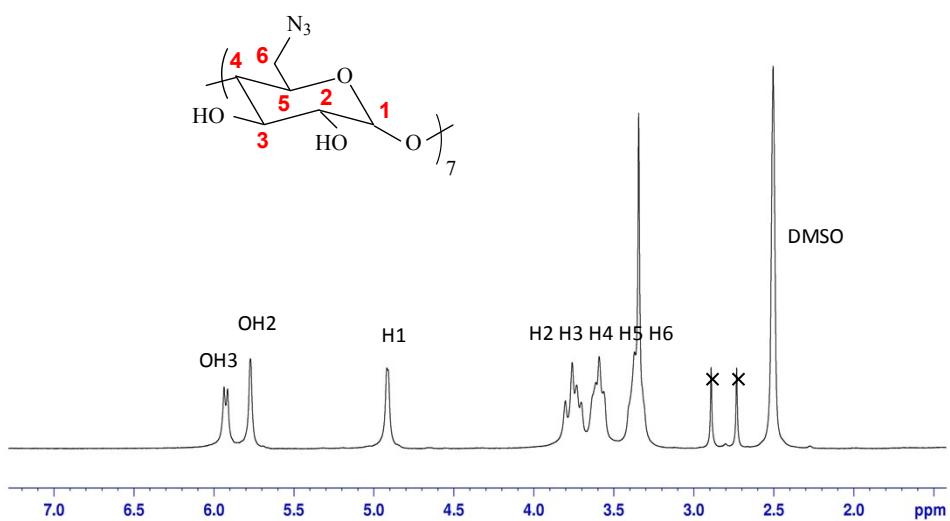


Figure S3: ¹H NMR of heptakis(6-deoxy-6-azido)β-CD in DMSO

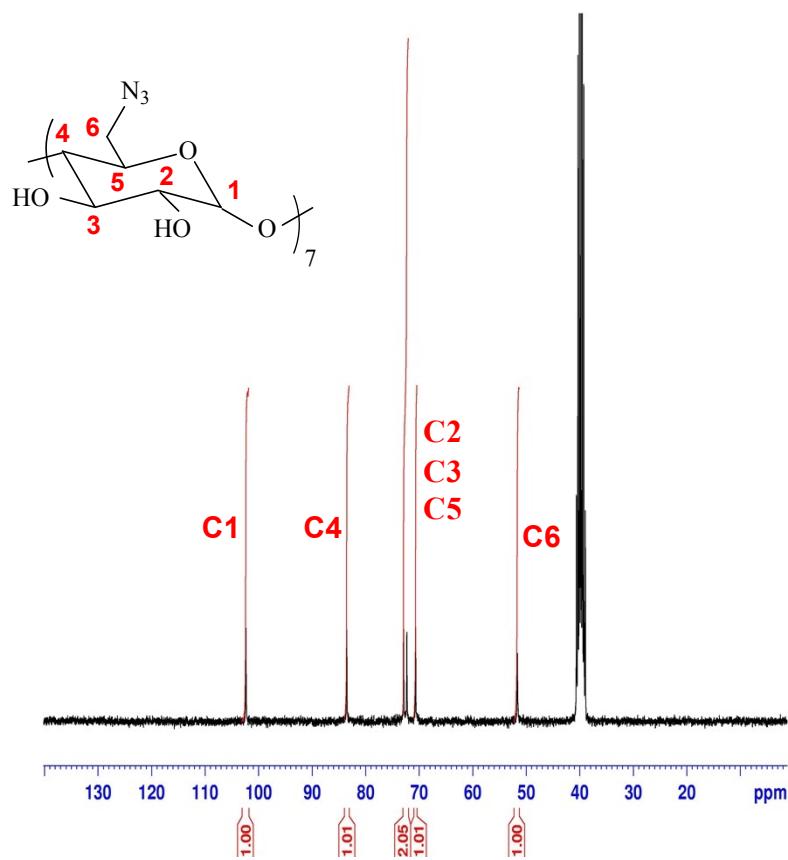


Figure S4: ¹³C NMR of heptakis(6-deoxy-6-azido)β-CD in DMSO

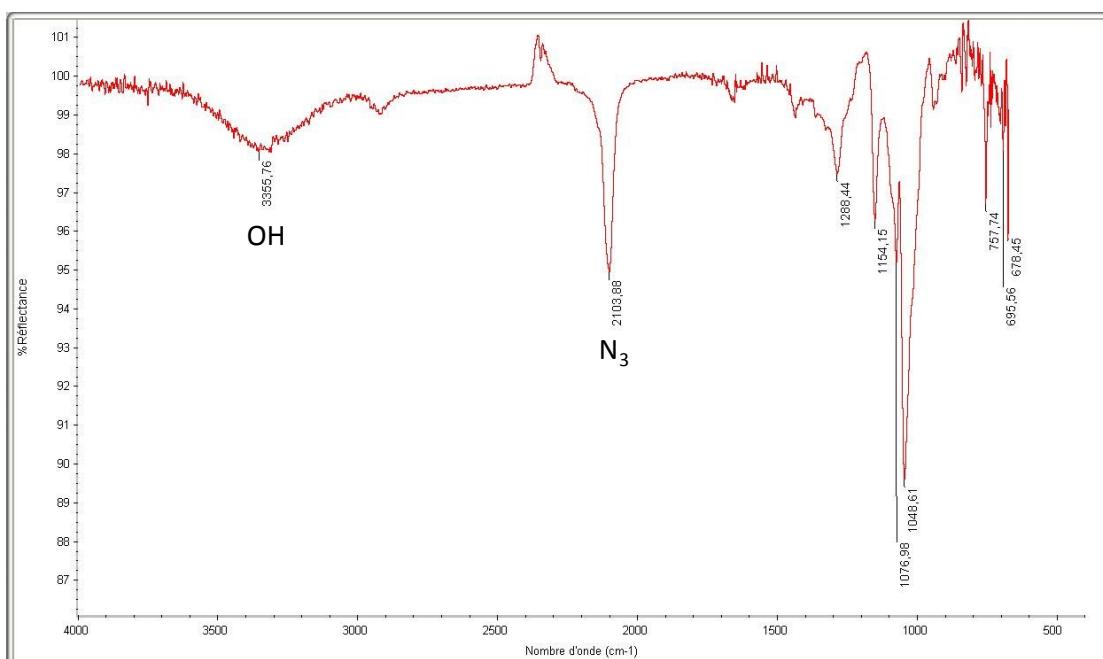


Figure S5 : IR spectrum of heptakis(6-deoxy-6-azido)β-CD

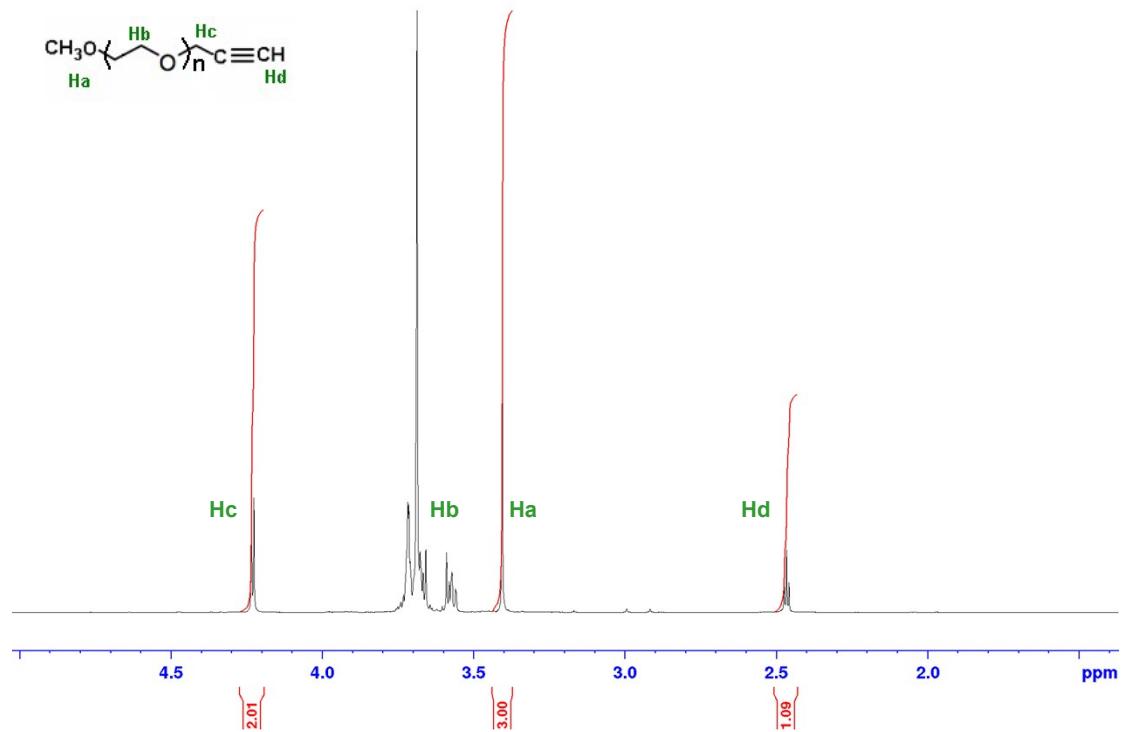


Figure S6 : ¹H NMR of α-methoxy-ω-propargyl PEO in CDCl₃

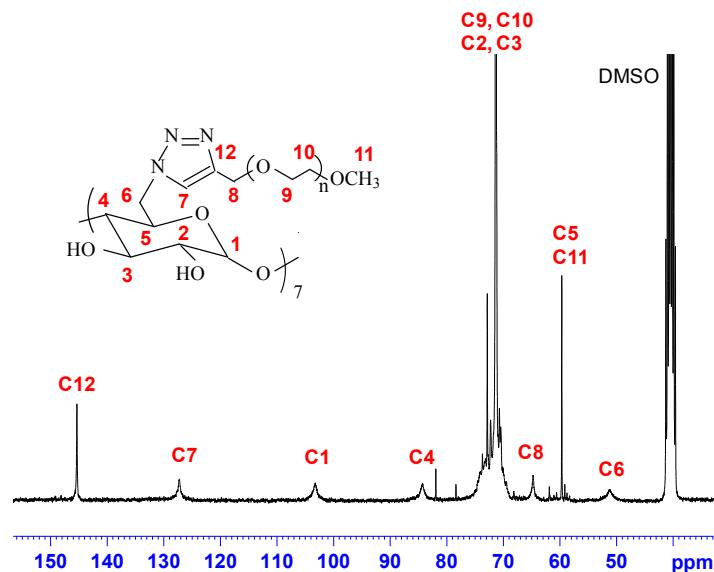


Figure S7: ^{13}C NMR of heptakis[6-deoxy-6-(1,2,3-triazole- ω -methoxy poly(ethylene oxide))- β -cyclodextrin in DMSO-d_6

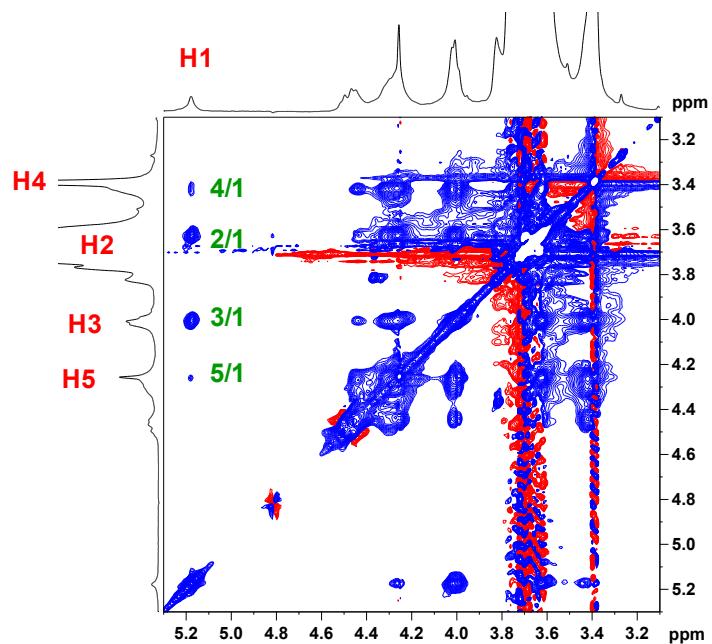


Figure S8: TOCSY spectrum of β -CD-PEO₇ in D_2O at 25°C

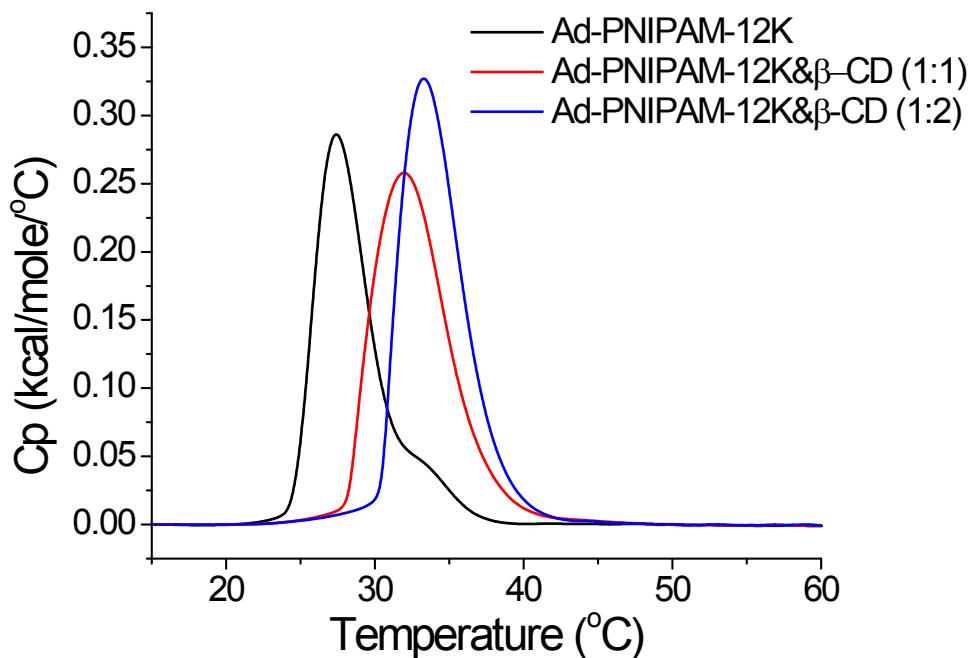


Figure S9: Microcalorimetric endotherms of aqueous solutions of Ad-PNIPAM-12K (1.0 g/L, black line) and Ad-PNIPAM-12K (1.0 g/L) in the presence of β -cyclodextrin (β -CD/Ad = 1:1, red line and β -CD/Ad = 2:1, blue line).

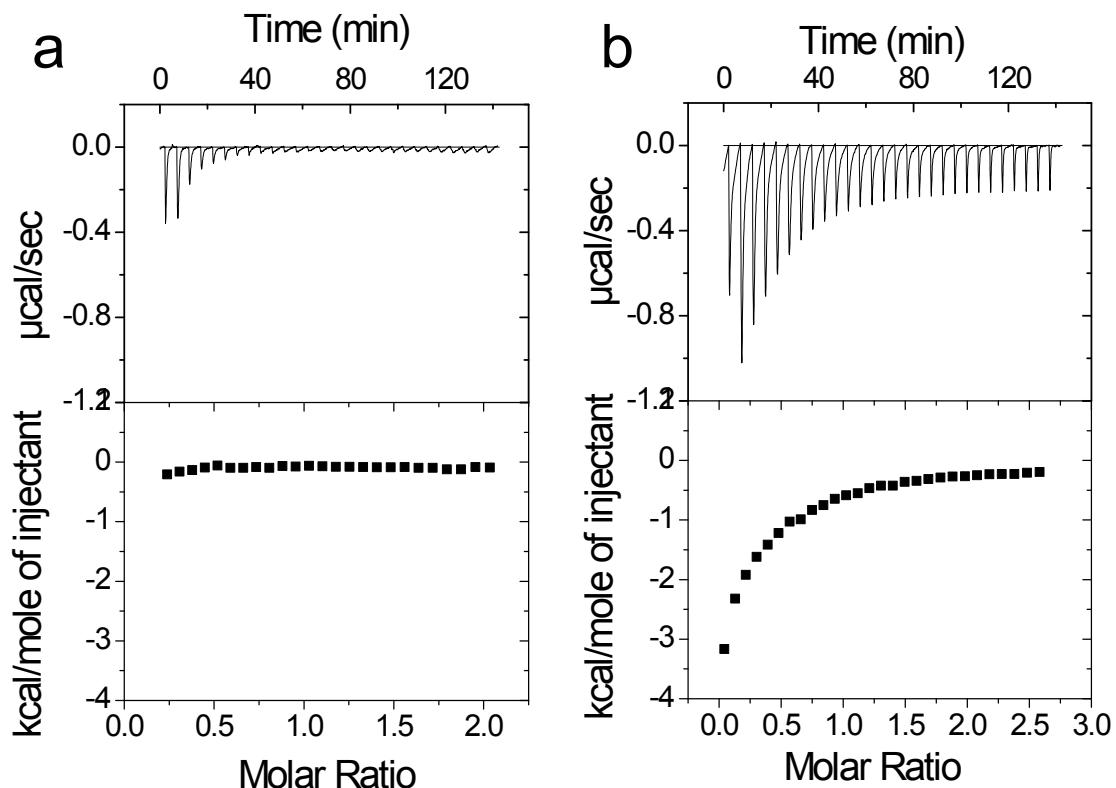


Figure S10: Titration curves for β -CD (4.1 g/L) (a) and β -CD-PEO₇ (22 g/L) into PNIPAM-12K (2 g/L) (b).

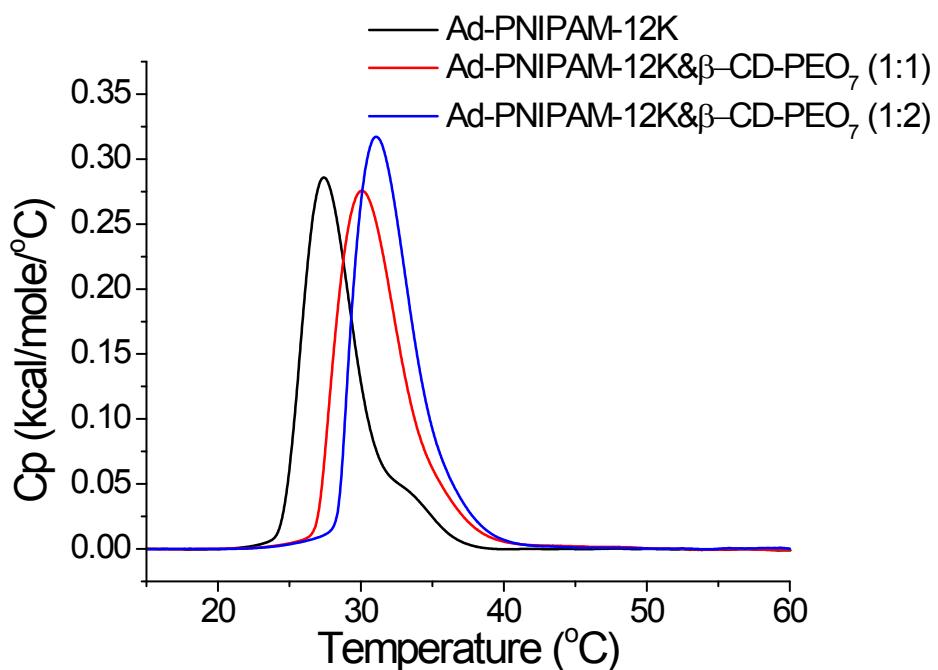


Figure S11: Microcalorimetric endotherms of aqueous solutions of Ad-PNIPAM-12K (1.0 g/L, black line) and Ad-PNIPAM-12K (1.0 g/L) in the presence of β -CD-PEO₇-5K (β -CD/Ad = 1:1, red line and β -CD/Ad = 2:1, blue line).