Supporting Information

for

An amphiphilic *pseudo*[1]catenane:

neutral guest-induced clouding point change

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^{1}H and ^{13}C NMR spectra of **3** and **5**, variable temperature ^{1}H NMR spectra of a mixture of **3** and **5** with 1,4-dicyanobutane and van 't Hoff plots

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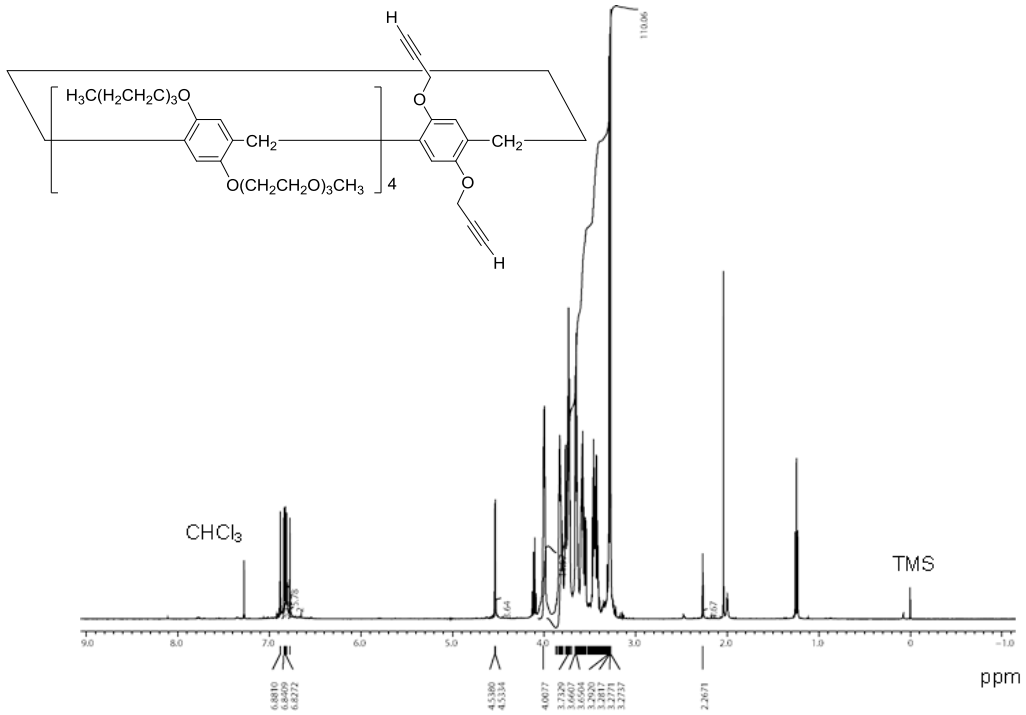

Figure S1: ^{1}H NMR spectrum ($CDCl_3$, 25 °C) of **5**.

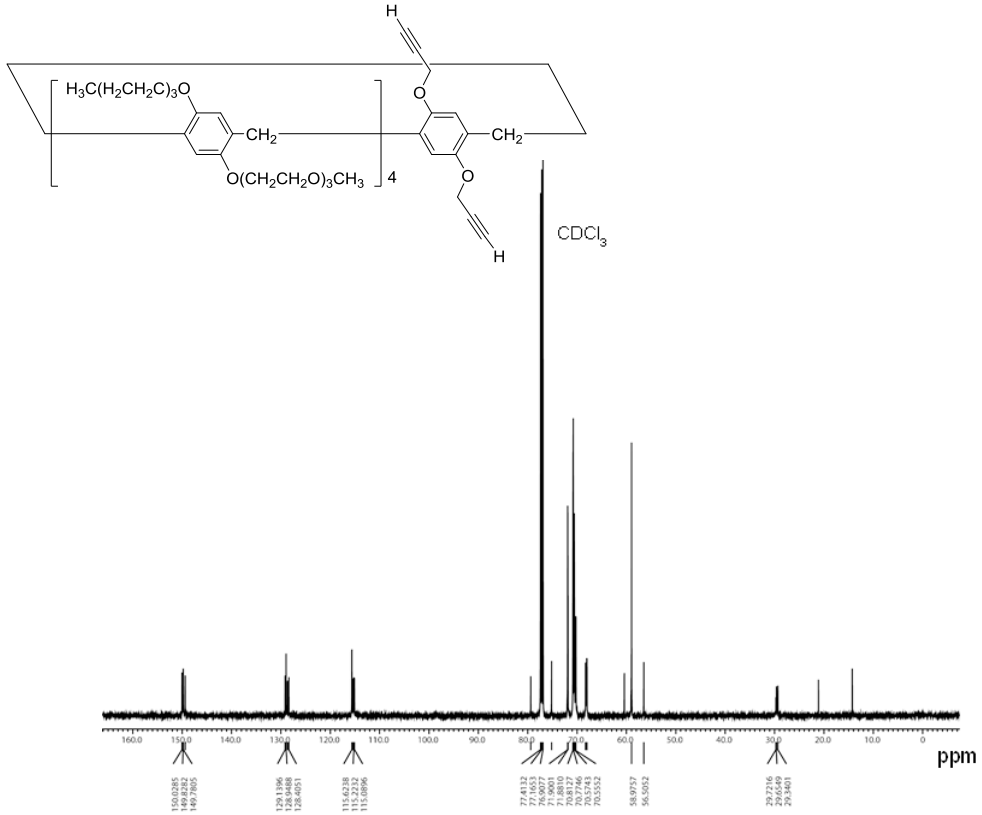

Figure S2: ^{13}C NMR spectrum ($CDCl_3$, 25 °C) of **5**.

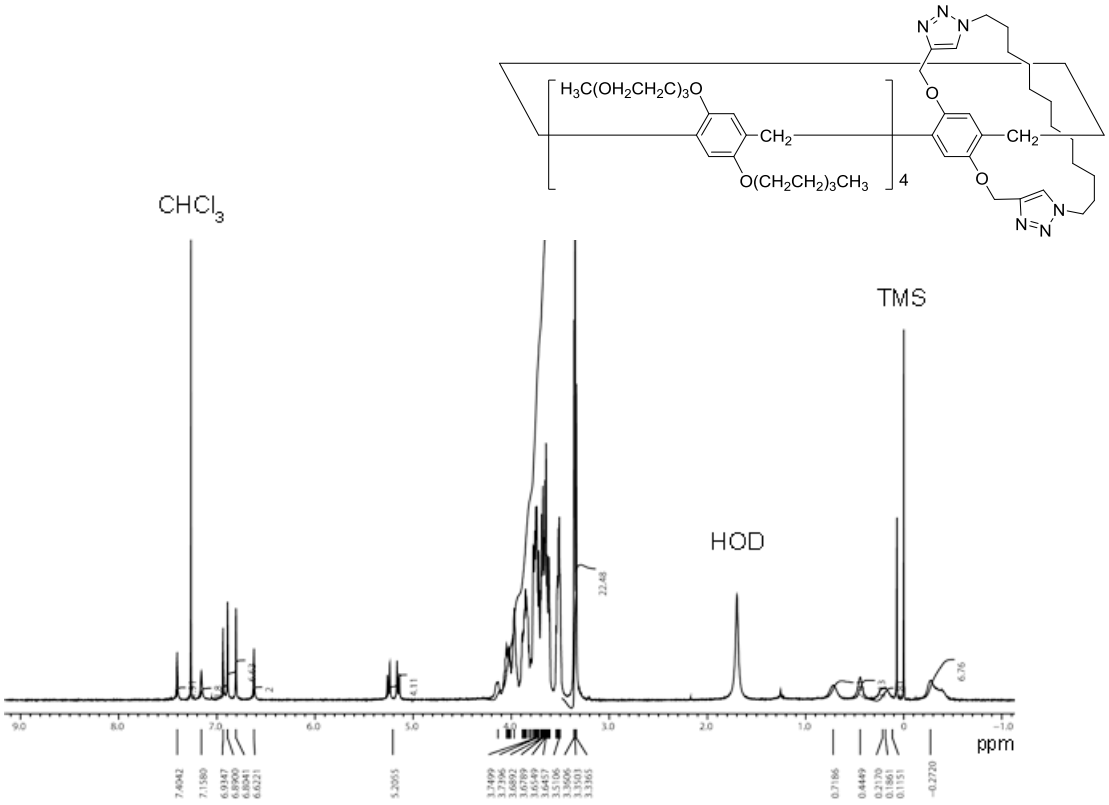

Figure S3: ^{1}H NMR spectrum ($CDCl_3$, 25 °C) of **3**.

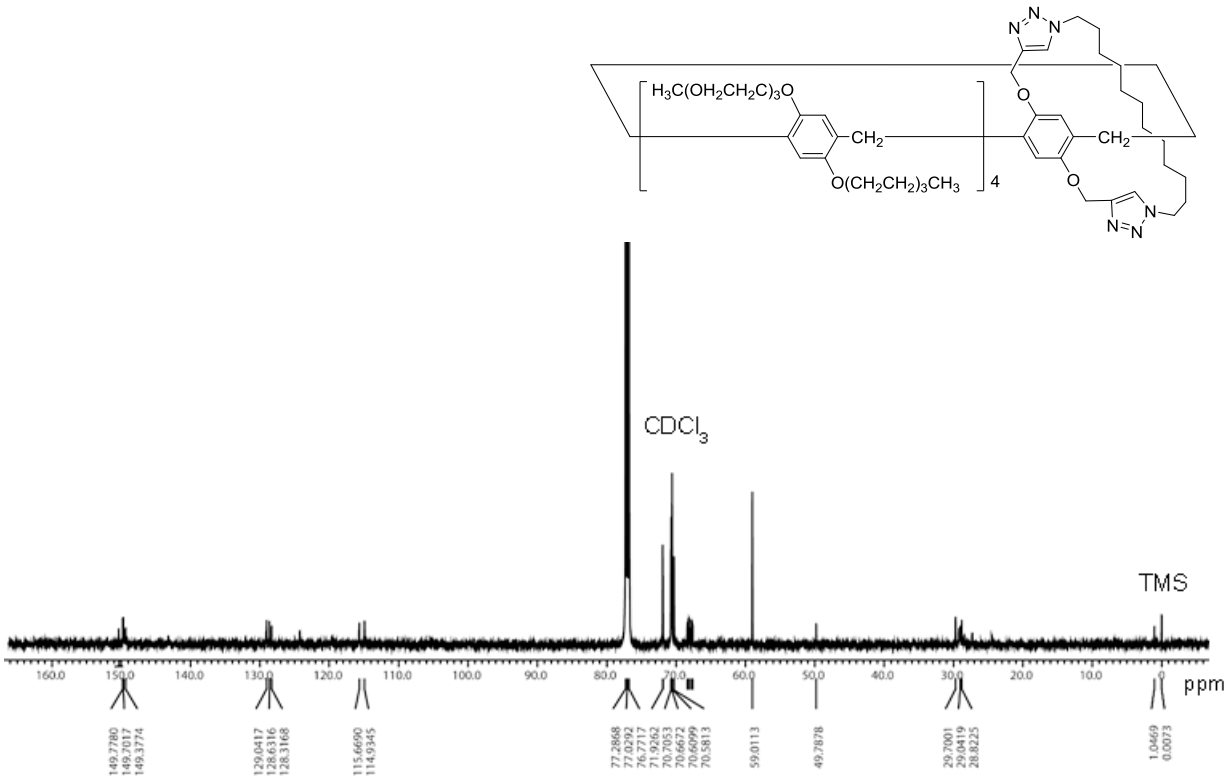

Figure S4: ^{13}C NMR spectrum ($CDCl_3$, 25 °C) of **3**.

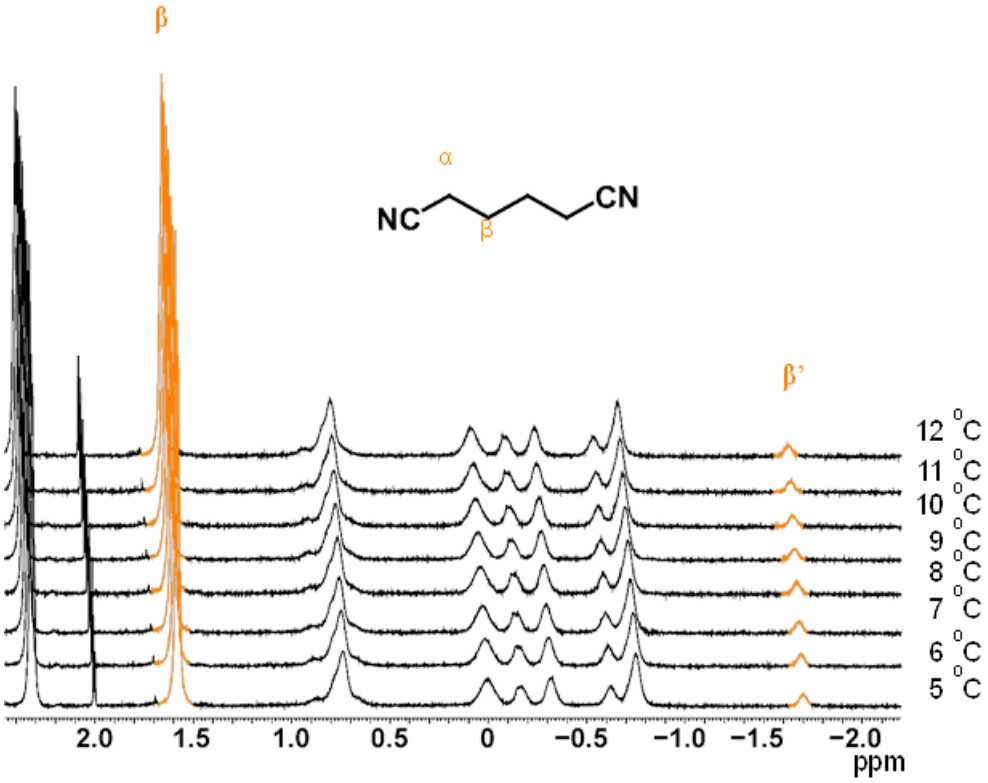

Figure S5: Variable temperature ^{1}H NMR spectra (D_2O) of a mixture of **3** (2 mM) and 1,4-dicyanobutane (2 mM).

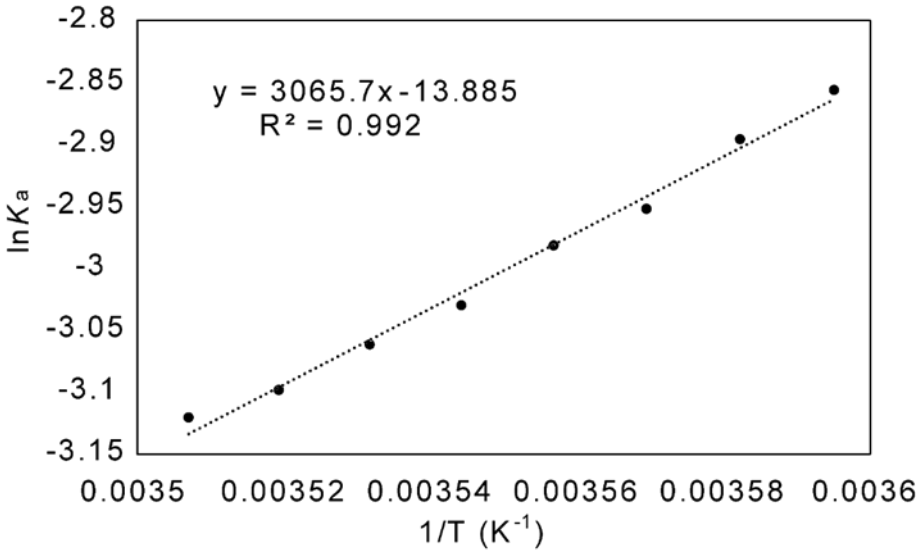

Figure S6: van't Hoff plots for a mixture of **3**-1,4-dicyanobutane complex.

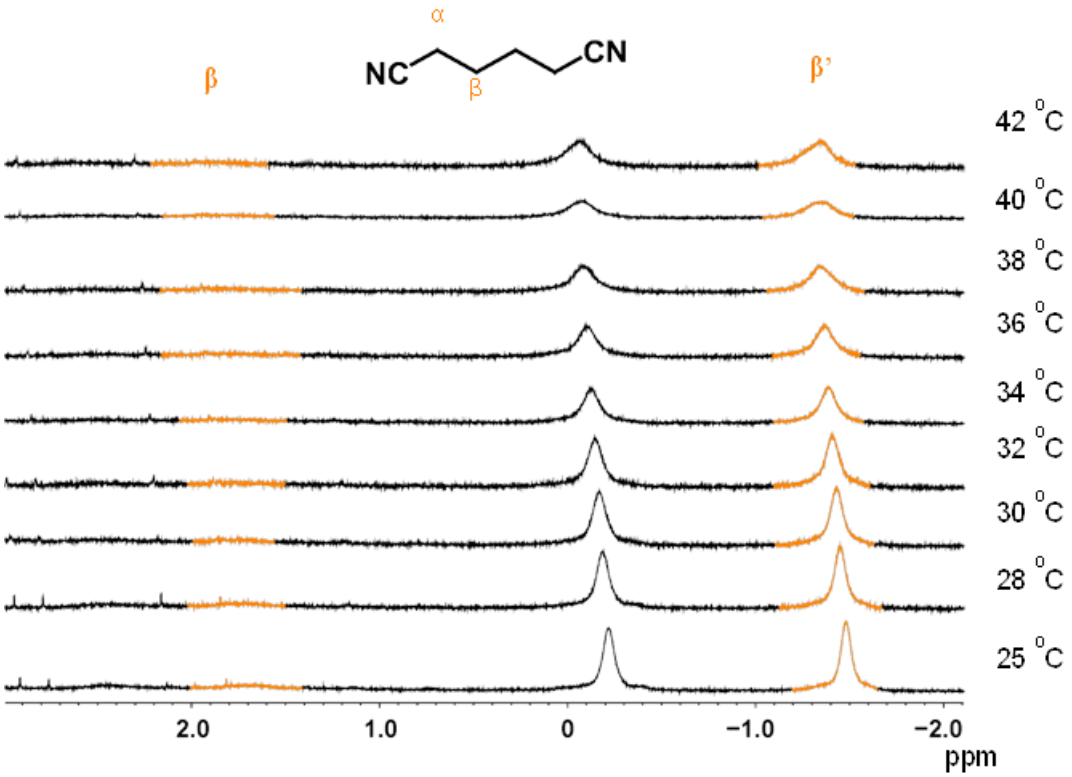

Figure S7: Variable temperature ^{1}H NMR spectra (D_2O) of a mixture of **1** (2 mM) and 1,4-dicyanobutane (2 mM).

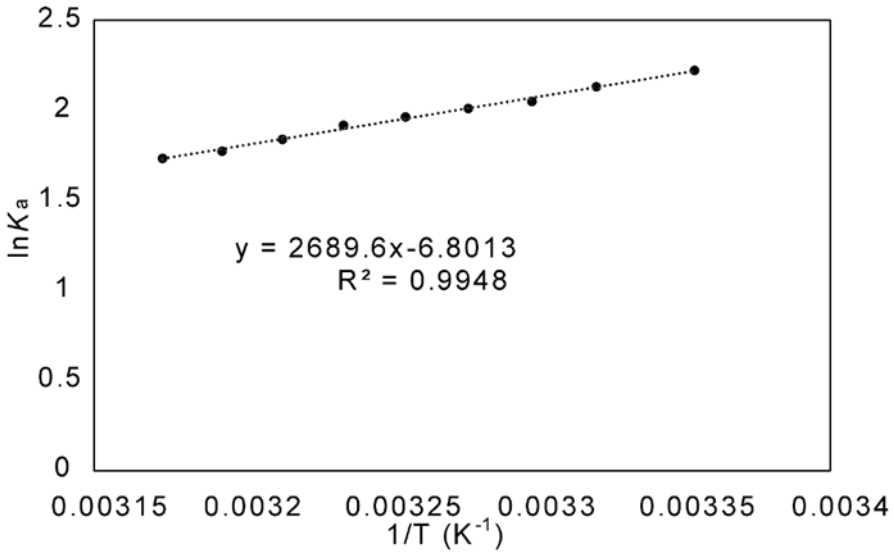

Figure S8: van't Hoff plots for a mixture of **1**-1,4-dicyanobutane complex.