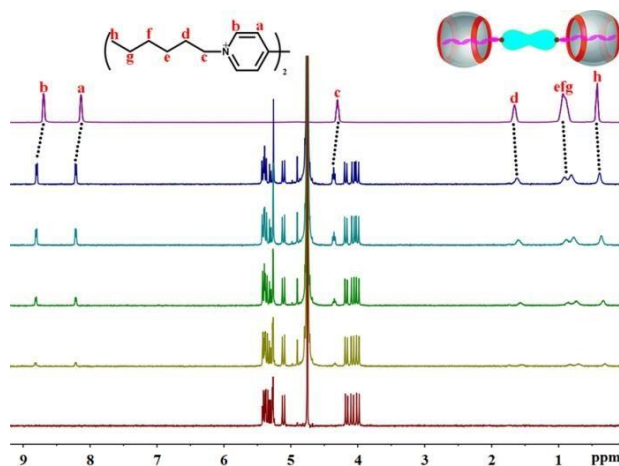


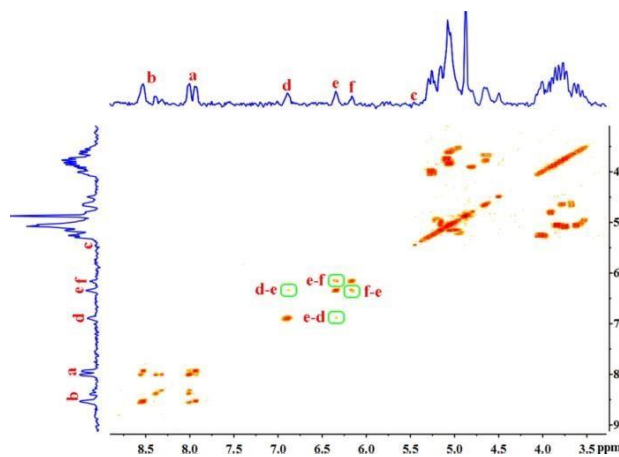
## **Supporting Information**

### **A study of the interaction between inverted cucurbit[6]uril and symmetric viologens**

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**Figure S1.**  $^1\text{H}$  NMR spectra (400 MHz,  $\text{D}_2\text{O}$ ) of *i*Q[6] (A) in the absence and in the presence of (B) 0.2, (C) 0.4, (D) 0.8, (E) 1.1 equiv of  $\text{HV}^{2+}$  and (F) neat  $\text{HV}^{2+}$  in 1M DCI at 20 °C.



**Figure S2.** COSY NMR of *i*Q[6]- $\text{NV}^{2+}$  system.