

**Electronic Supporting Information**

# **Surface Grafting and Reactivity of Calixarene-based Receptors and of Pseudorotaxanes on Si(100)**

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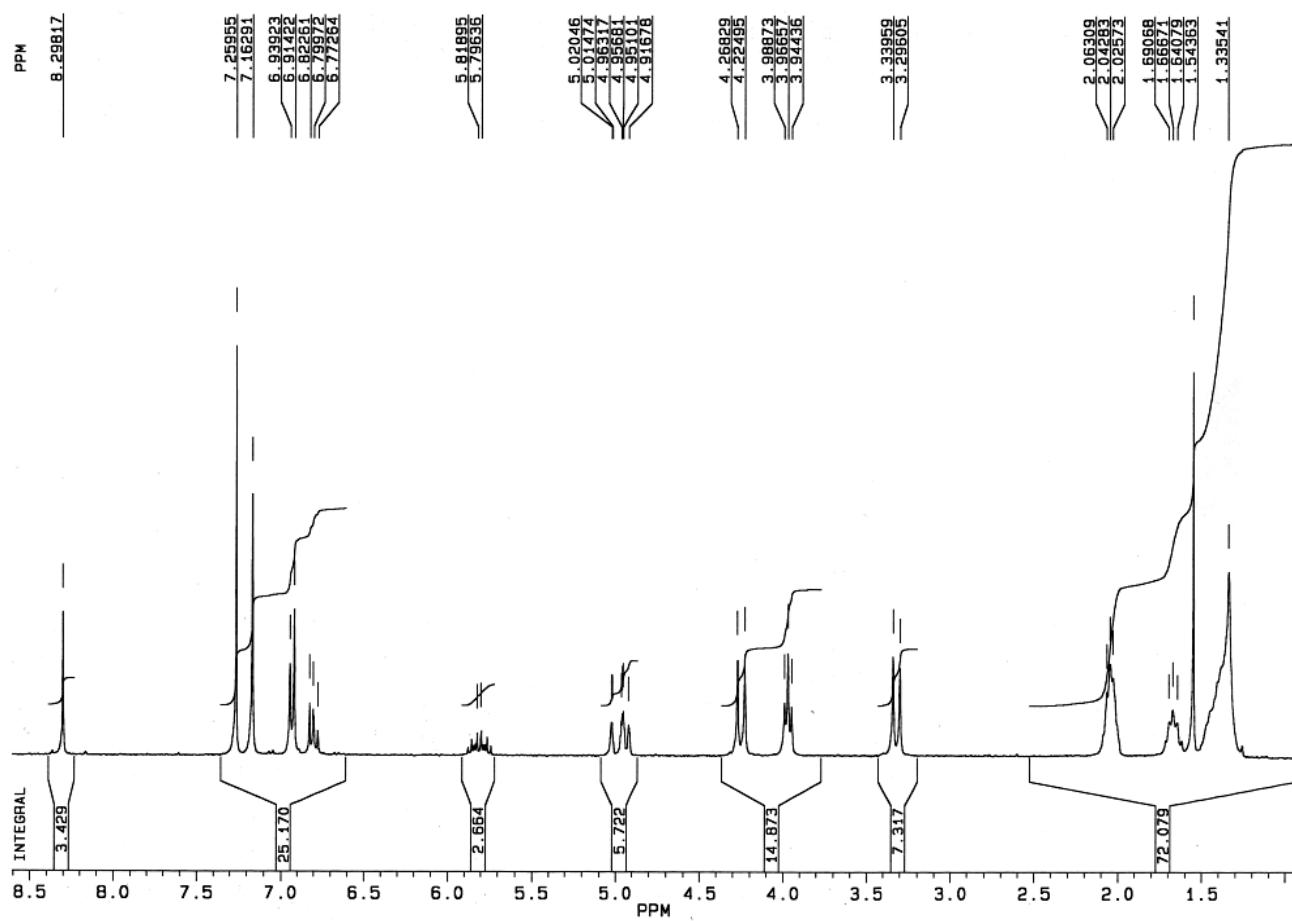


Figure S1.  $^1\text{H}$  NMR (300 MHz) spectrum of **2a** in  $\text{CDCl}_3$

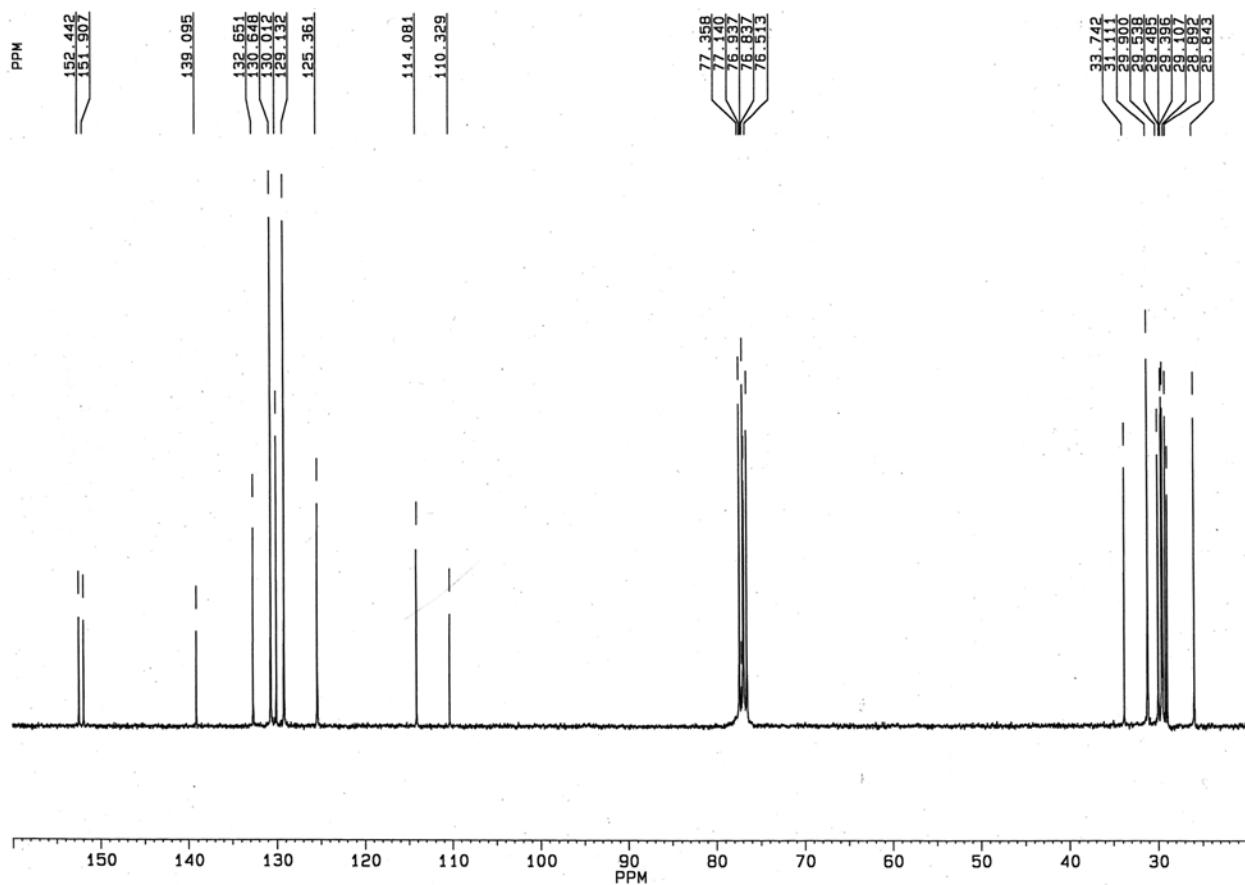


Figure S2.  $^{13}\text{C}$  NMR (75 MHz) spectrum of **2a** in  $\text{CDCl}_3$ .

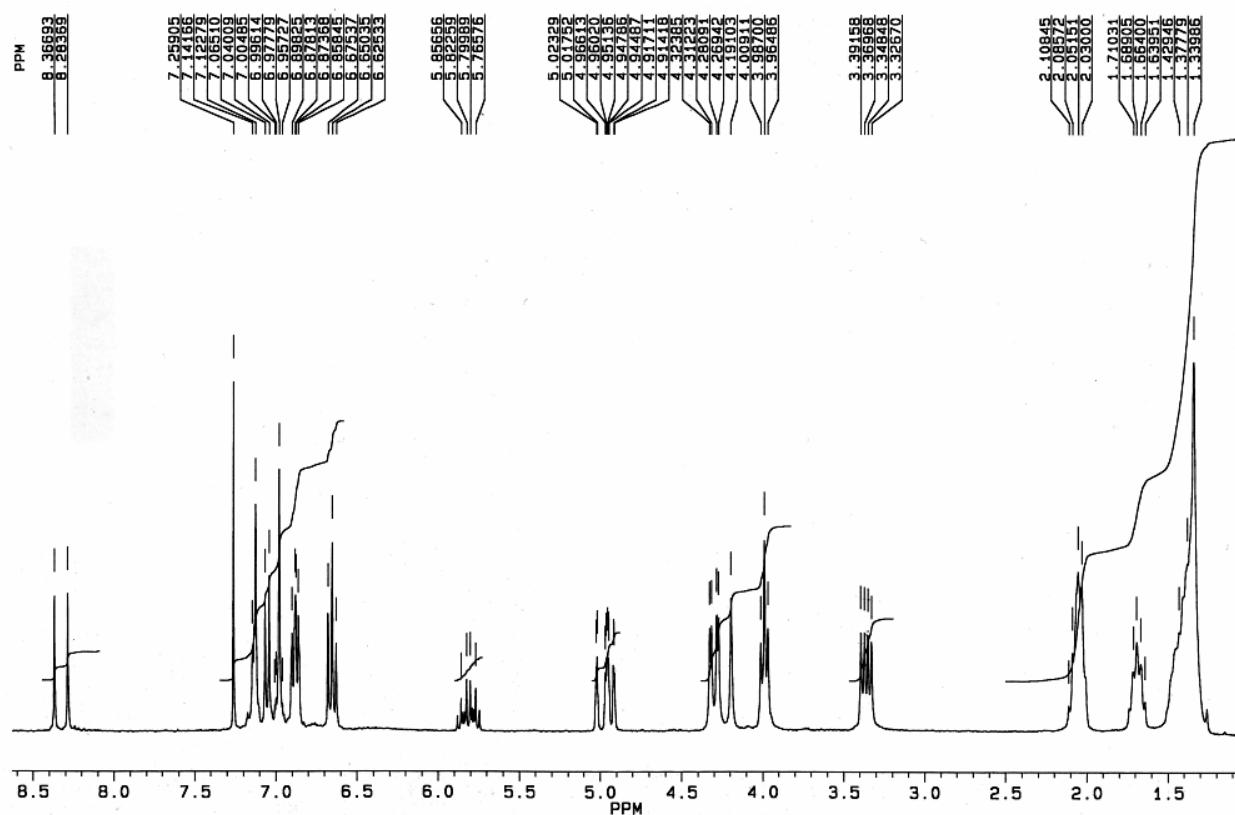


Figure S3.  $^1\text{H}$  NMR spectrum of **3** in  $\text{CDCl}_3$

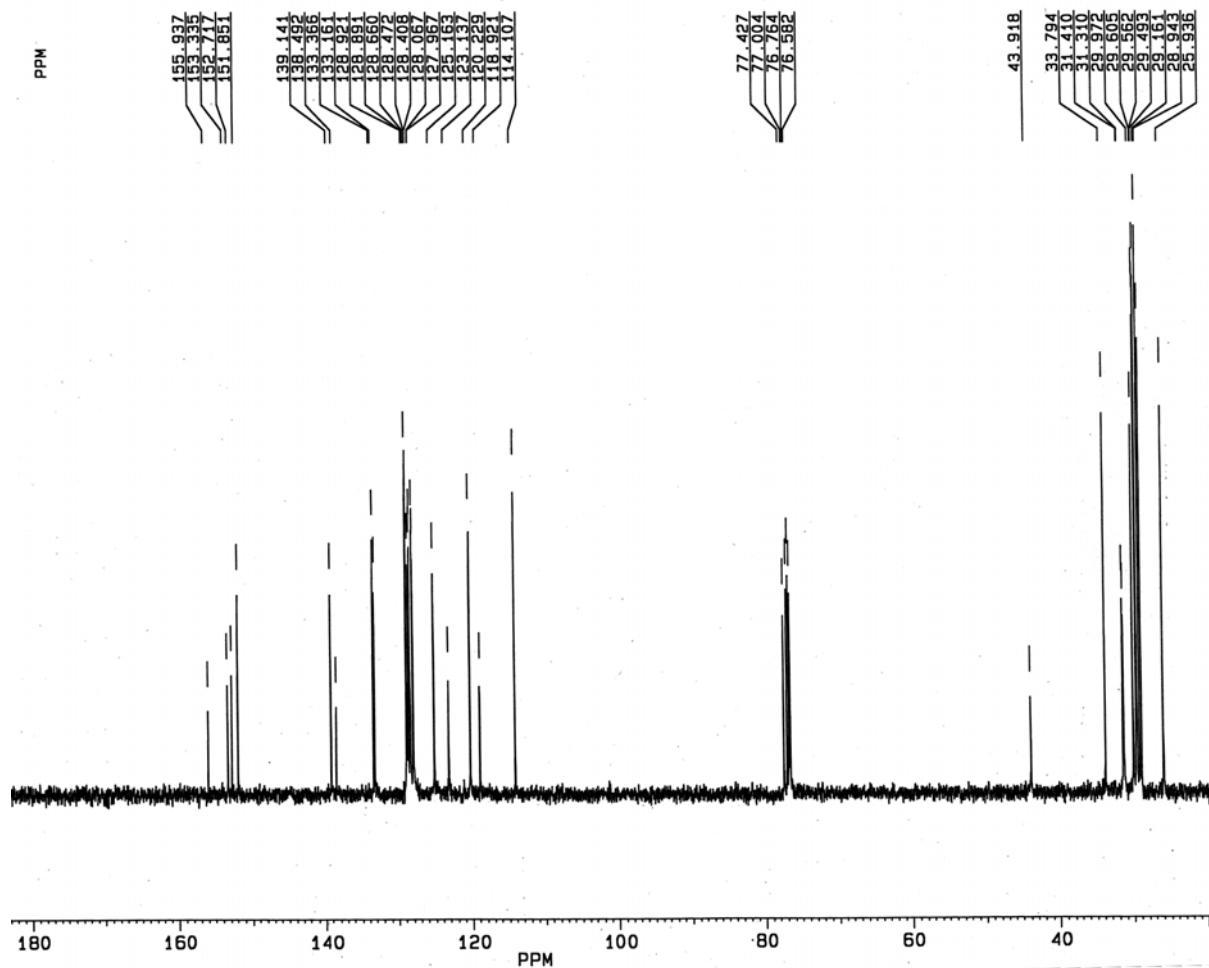


Figure S4.  $^{13}\text{C}$  NMR (75 MHz) spectrum of **3** in  $\text{CDCl}_3$

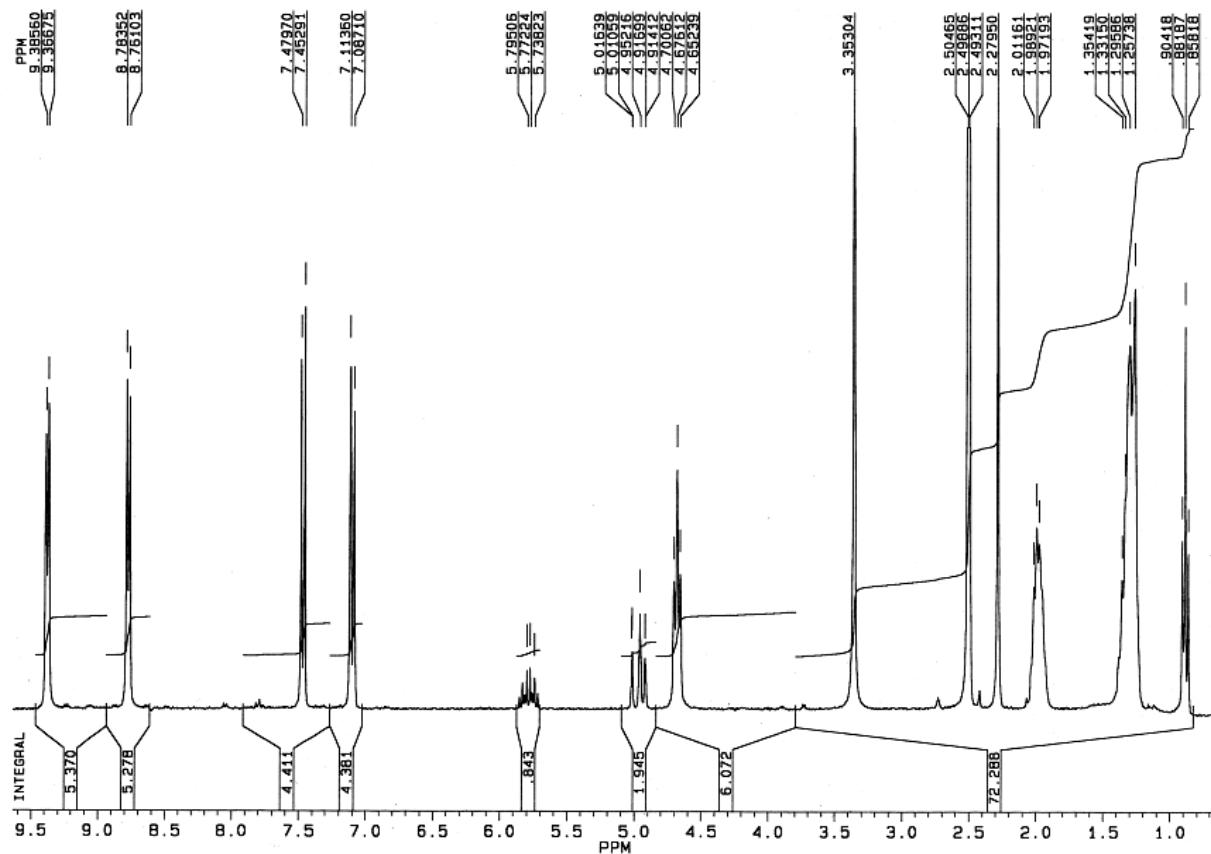


Figure S5.  $^1\text{H}$  NMR (300 MHz) spectrum of **6** in  $\text{DMSO}-d_6$

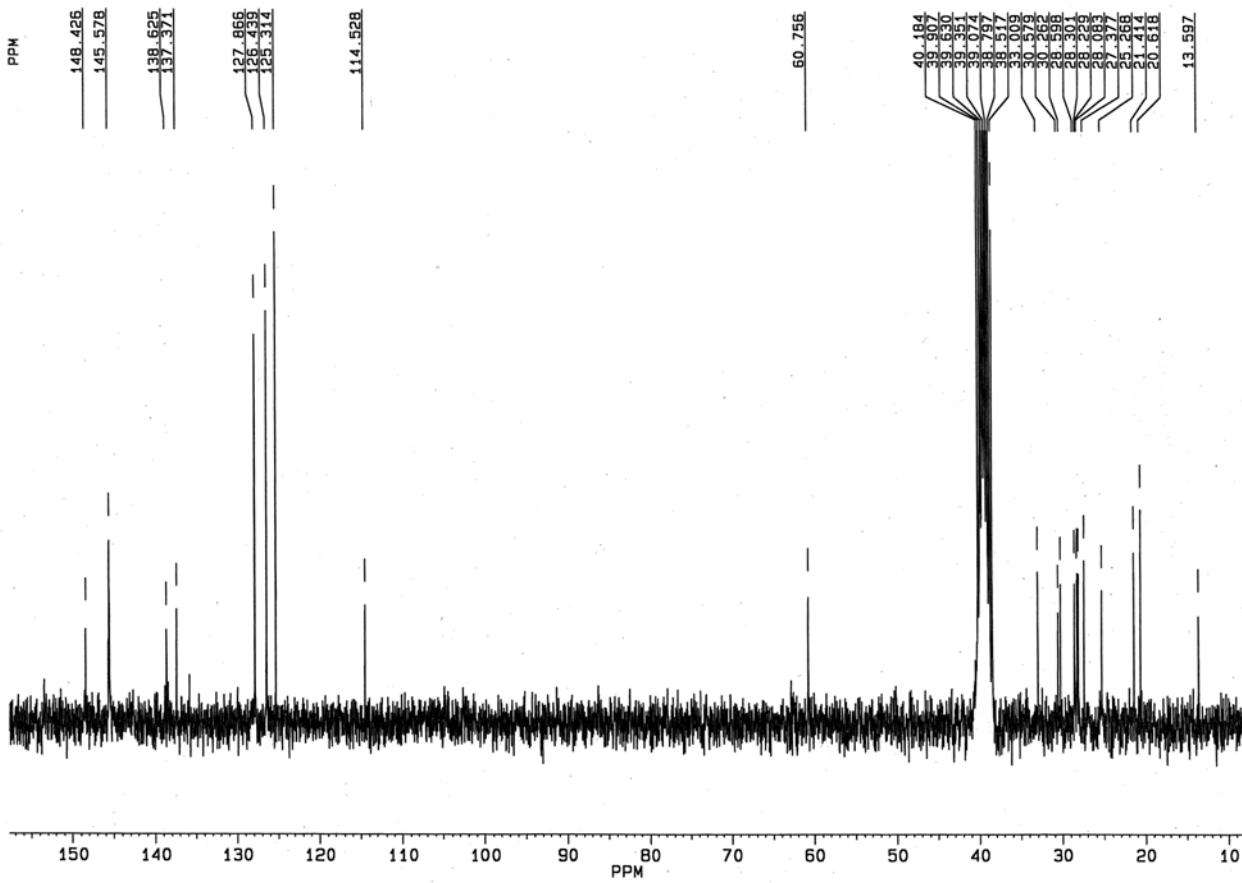


Figure S6.  $^{13}\text{C}$  NMR (75 MHz) spectrum of **6** in  $\text{DMSO}-d_6$