Supplementary Material

Radial Control of Recognition and Redox Processes using Multivalent Nanoparticle Hosts

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Information on NMR titrations: All titrations were carried out at room temperature using CDCl_3 that had been stored over K_2CO_3 . For MMPCs **1** and **3**, which were extremely soluable, these titratrions were run using solutions of 15.8 mM and 13.2 mM concentration of diaminopyridine equilivents of the hosts and a 5 mM concentration solution of Fl_{ox} . As a result of the limited solubility of MMPCs **2** and **4**, the concentration of these solutions was 3 mM and the Fl_{ox} solution was 2 mM. Titrations were run according to the constant host method. Line represents fit to 1:1 binding isotherm.





NMR titration of \mathbf{Fl}_{ox} by MMPC **3**:



NMR titration of \mathbf{Fl}_{ox} by MMPC 2:



NMR titration of \mathbf{Fl}_{ox} by MMPC 4:





















