

Perturbation of cationic equilibrium by cucurbit-7-uril

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Electronic Supplementary Information

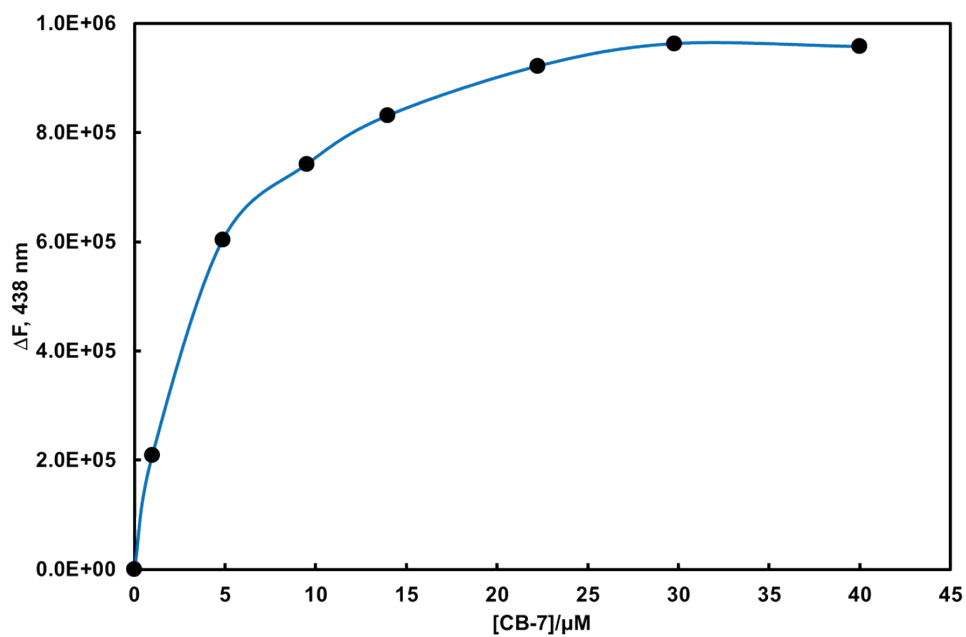


Fig S1. Fluorescence titration dot plot of MC2 of DMAPIP-b showing the complete binding at higher CB-7 concentration, $\lambda_{\text{exc}} = 390 \text{ nm}$

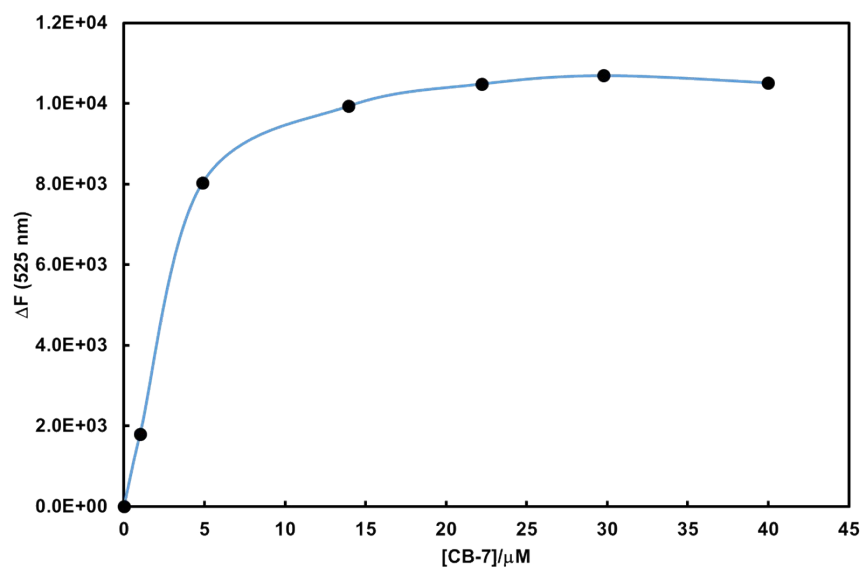


Fig S2. Fluorescence titration dot plot of MC3 of DMAPIP-b showing the complete binding at higher CB-7 concentration, $\lambda_{\text{exc}} = 440 \text{ nm}$

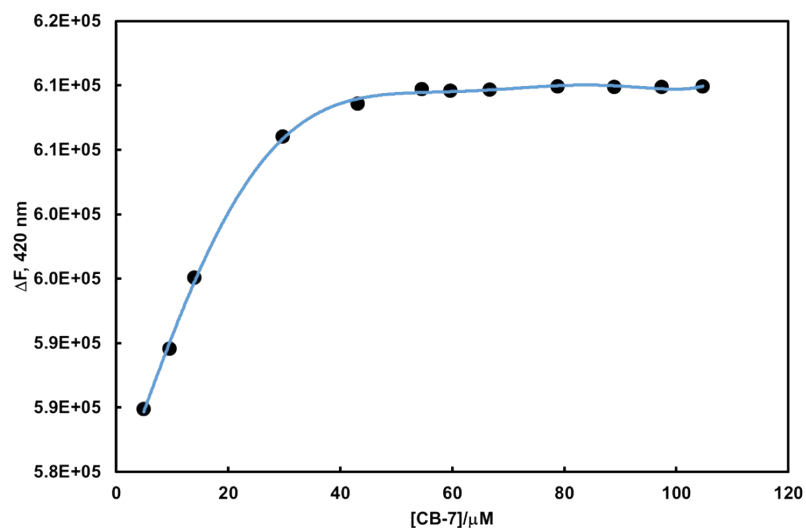


Fig S3. Fluorescence titration dot plot of MC2 of DMAPIP-c showing the complete binding at higher CB-7 concentration, $\lambda_{\text{exc}} = 310 \text{ nm}$

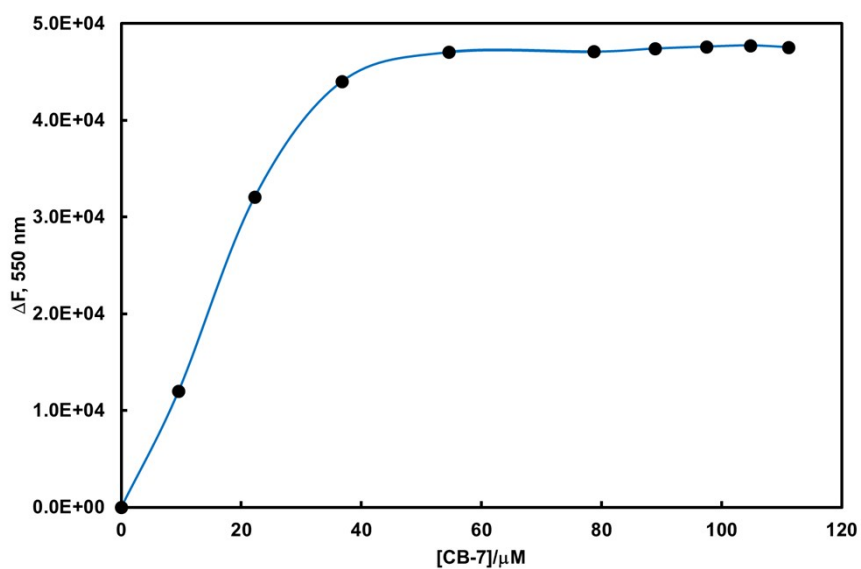


Fig S4. Fluorescence titration dot plot of MC3 of DMAPIP-c showing the complete binding at higher CB-7 concentration, $\lambda_{\text{exc}} = 390 \text{ nm}$

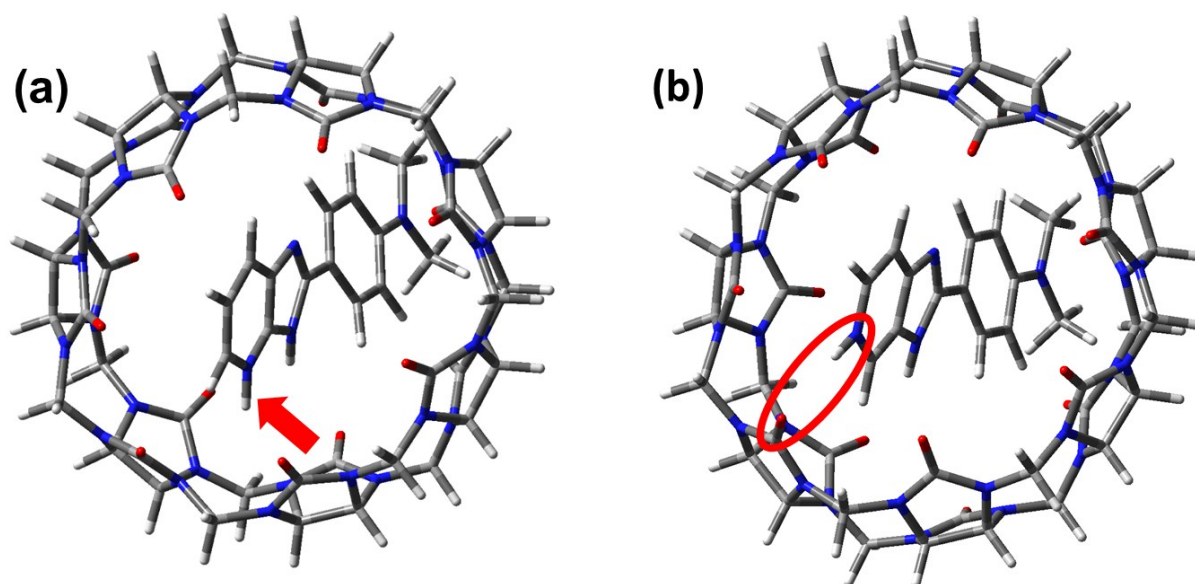


Fig. S5 (a) The different binding mode of MC3 of (a) DMAPIP-b (The protonated pyridyl nitrogen present inside CB-7 cavity, (b) DMAPIP-c (The protonated pyridyl nitrogen present closer to carbonyl portal and favours hydrogen bonding),