Supplementary Information

Selected Titration Data and Job Plots

Job plot for the interaction between receptor (6) + TBAF in CD$_3$CN:H$_2$O (9:1)

Titration curves obtained for the addition of aliquots of TBA halides to a CD$_3$CN:H$_2$O (9:1) solution of receptor (11).

Job plot for the interaction between receptor (11) + TBAF in CD$_3$CN:H$_2$O (9:1)
ESMS data for macrocycle 6

Isotope distribution pattern for [M+3PF$_6$]$^+$

Isotope distribution pattern for [M+2PF$_6$]$^{2+}$