

Supporting Information

Title: Allosteric Silver(I) Ion Binding with Peripheral π Clefts of a Ce(IV) Double Decker Porphyrin.

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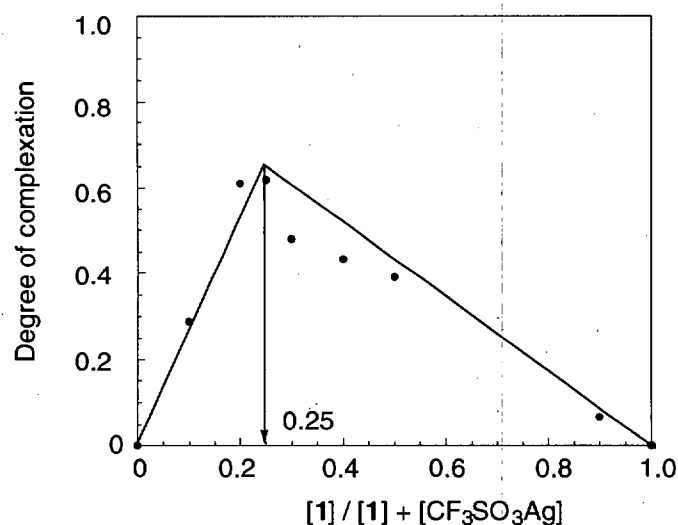


Figure. Job plot: the [1] + [CF₃SO₃Ag] value is maintained constant (50 μ M), chloroform:methanol = 4:1 (v/v), at 15 $^{\circ}$ C, with 1 cm cell.

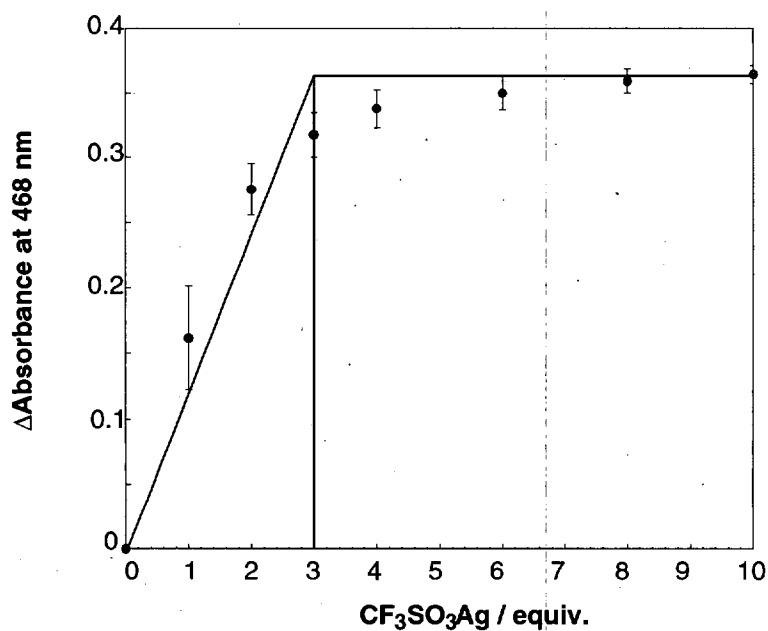


Figure Mole Ratio plot: [1] = 0.5 mM, [CF₃SO₃Ag] = 0 ~ 5 mM, chloroform:methanol = 4:1 (v/v), at 25 $^{\circ}$ C, with 1 mm cell.

Supporting Information

A Hill's plot and Scatchard plot of 1-Ag⁺ system

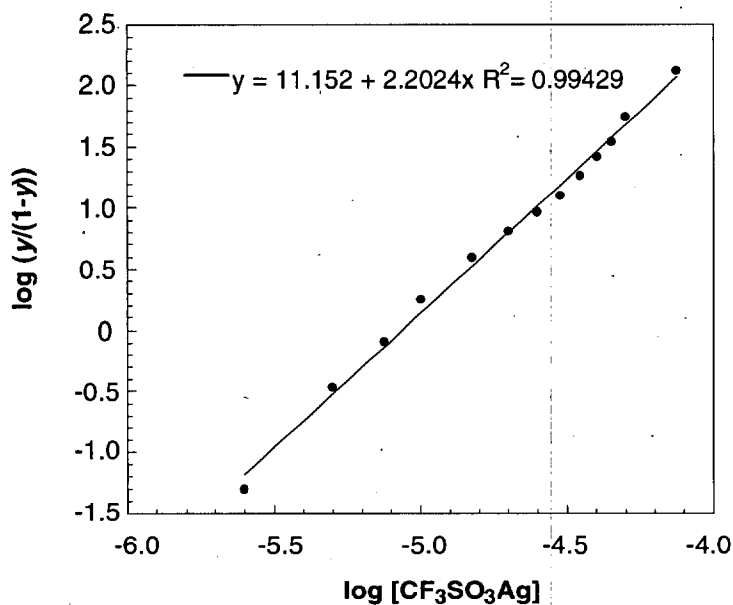


Figure. Hill' plot

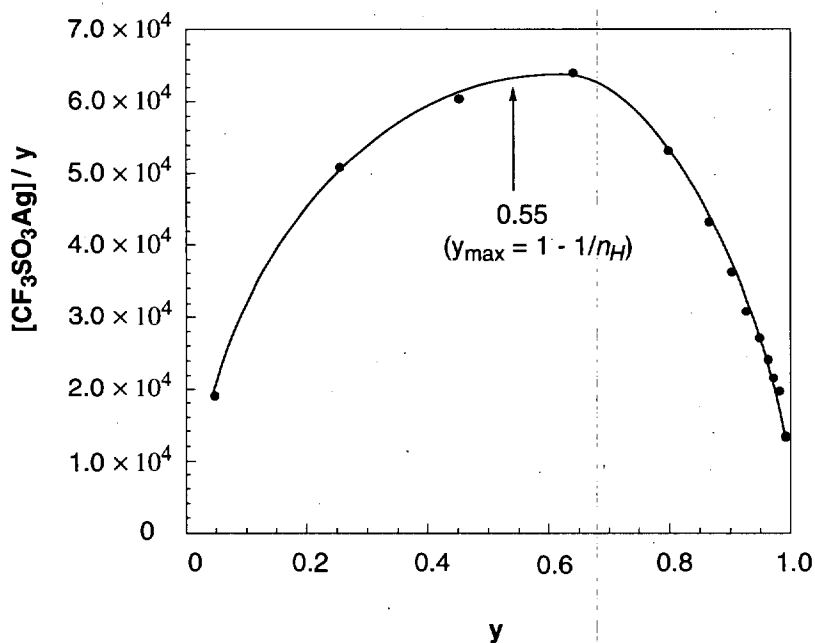


Figure. Scatchard plot