Electronic Supplementary Material (ESI) for Dalton Transactions

SUPPORTING INFORMATION

INTERACTION BETWEEN MONOMERS OF TWO SURFACTANTS DERIVED FROM THE [Ru(2,2´-bpy)3]2+ COMPLEX AND α-, β- AND γ-CYCLODEXTRINS. FORMATION OF [2]- AND [3]-PSEUDOROTAXANES

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Figure S1: Emission intensity values obtained at λ_{em}=600 nm for RuC11 at different surfactant concentrations.

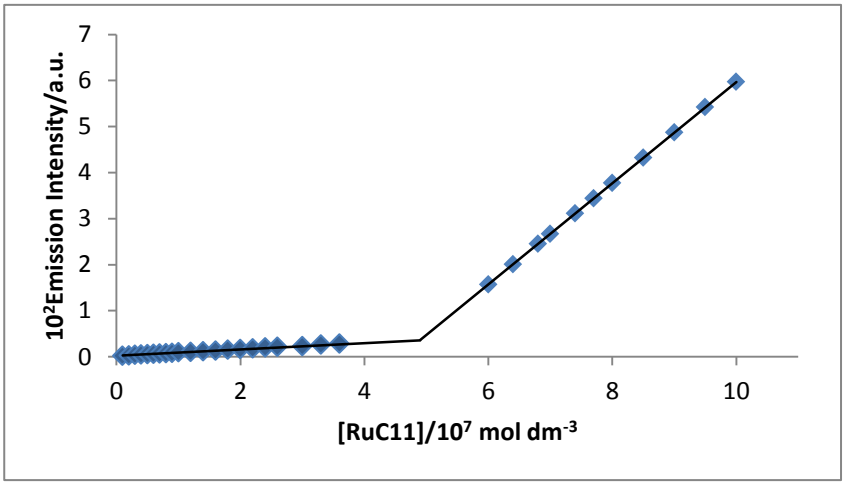


Figure S2: Titration of the RuC13 compound with α-CD ([α-CD]=0-1.04x10^{-2}mol dm^{-3}).

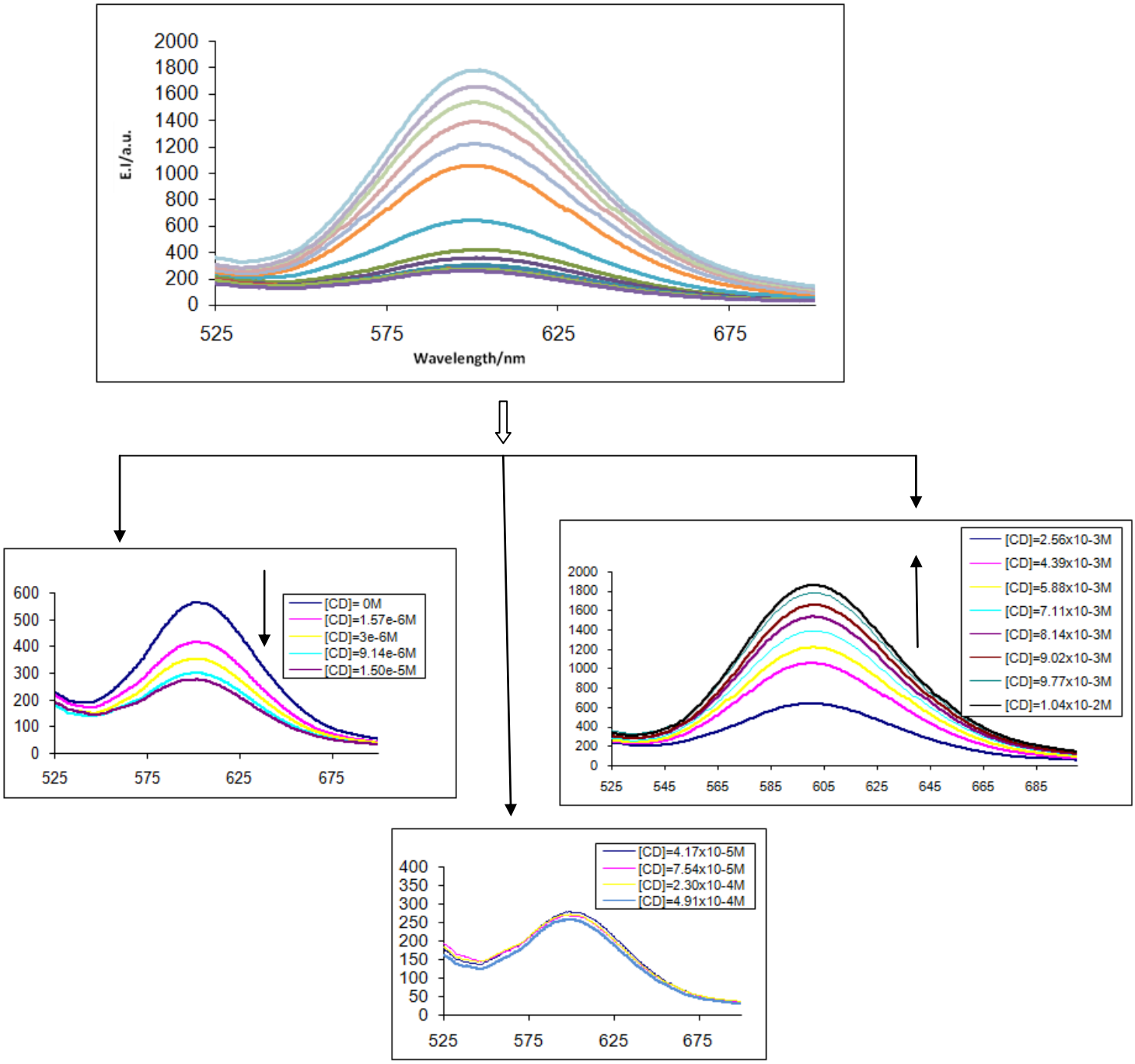


Figure S3: Part of 500 MHz 1D ^{1}H ROESY NMR spectra showing β-CD protons in presence of RuC11.

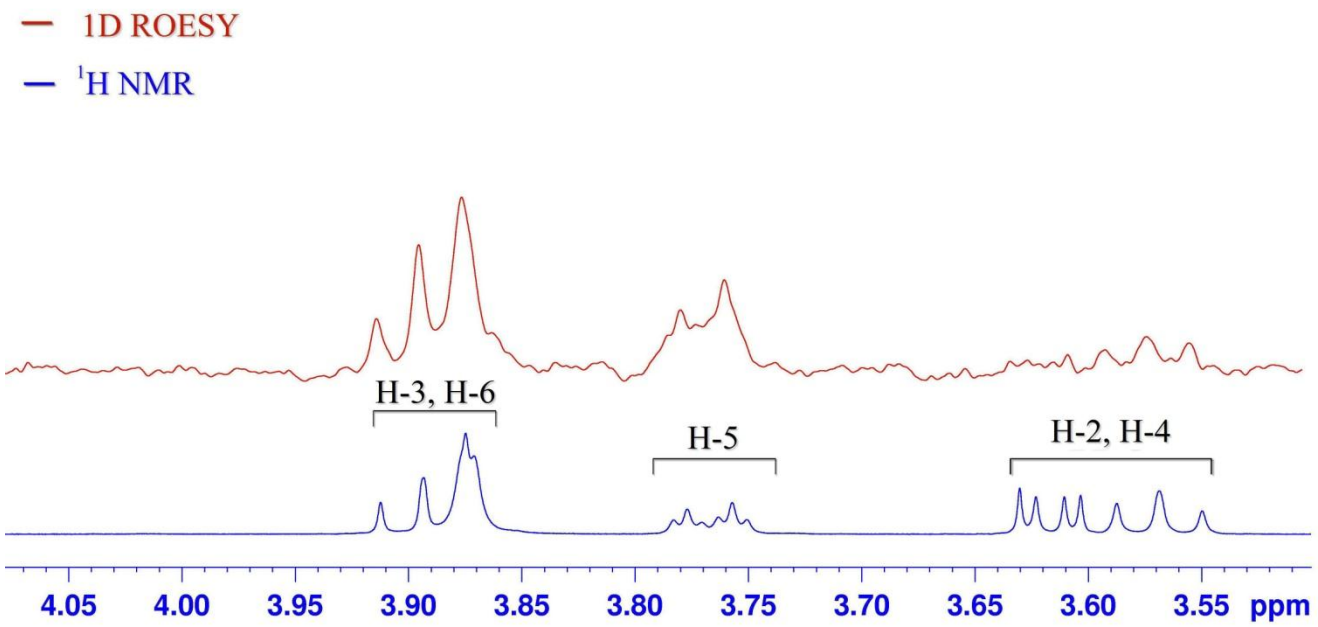


Figure S4: Part of 500 MHz 1D ^{1}H ROESY NMR spectra showing β-CD protons in presence of RuC13.

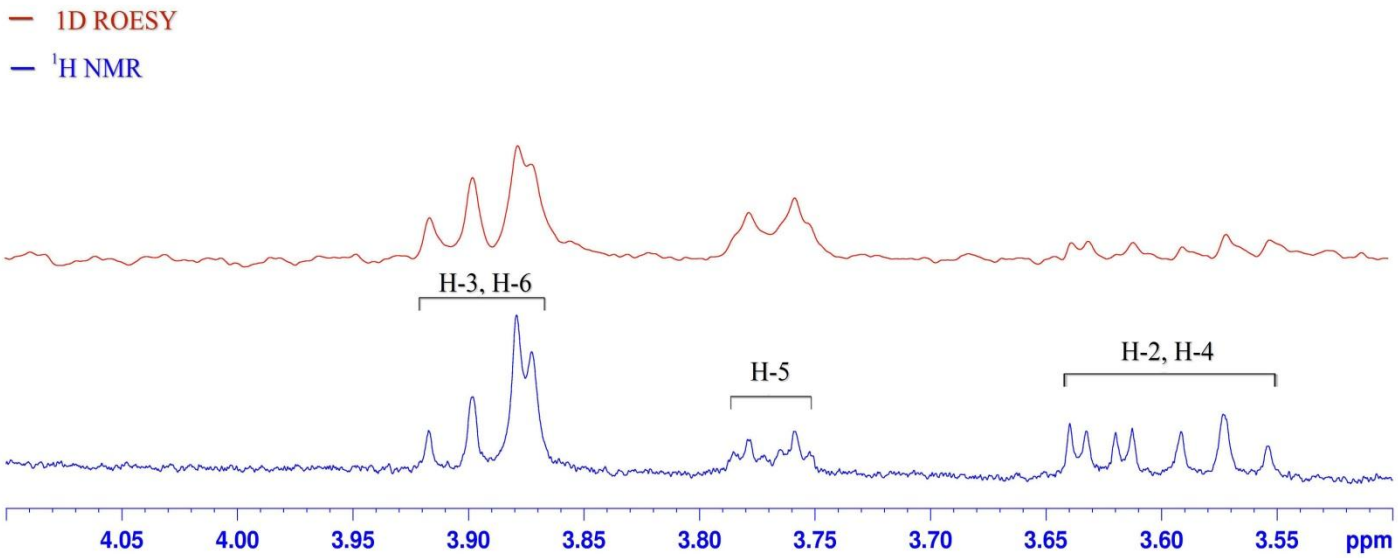


Figure S5: Emission intensity values obtained at λ_{em}=600 nm for different surfactant concentrations of RuC13 in the presence of α-cyclodextrin ([α-CD]=1x10^{-4} mol dm^{-3}).

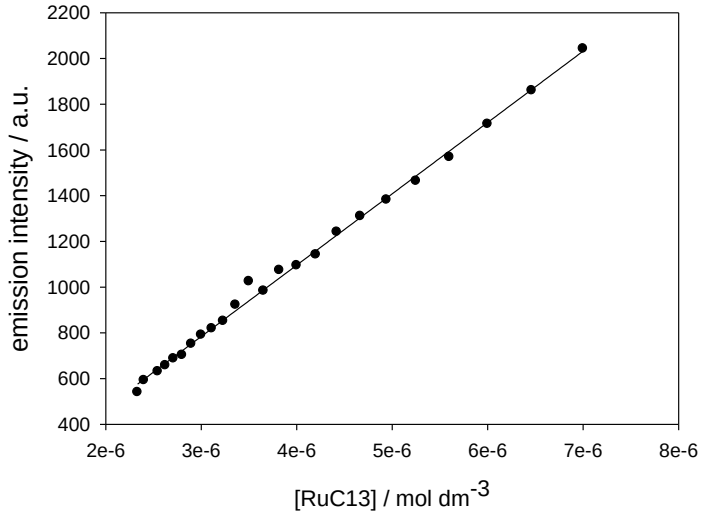
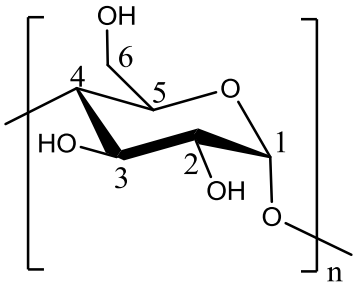


Figure S6: General frame of a cyclodextrin



n = 6 (α-CD), 7 (β-CD), 8 (γ-CD)