

**Supporting Information for:**

# A Novel Ferrocenyl Naphthoquinone Fused Crown Ether As Multisensor for Water Determination in Acetonitrile and Selective Cation Binding

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## Table of Contents for Supporting Information:

**Figure 1S.** Thermal rearrangement of ferrocenyl-substituted 4-hydroxy-4-(benzoyl-18-crown-6)cyclobutenone **3**.

**Figure 2S.** IR Spectrum of **Fc-cnq**.

**Figure 3S.**  $^1\text{H}$  NMR Spectrum of **Fc-cnq**.

**Figure 4S.**  $^{13}\text{C}$  NMR Spectrum of **Fc-cnq**.

**Figure 5S.** HRMS of **Fc-cnq**.

**Figure 6S.** Plot of Reichardt's overall solvation scale against band wavelength for the lowest energy transition of **Fc-cnq** in a variety of solvents.

**Figure 7S.** The plot of absorbance vs.  $n_1/n_{\text{Ba}^{2+}}$  (mol/mol) at 421 nm for UV-Vis spectral titration of **Fc-cnq** upon addition of aliquots of  $\text{BaClO}_4$  in  $\text{CH}_3\text{CN}$ . Concentration of **Fc-cnq** =  $1.0 \times 10^{-4}$  M.

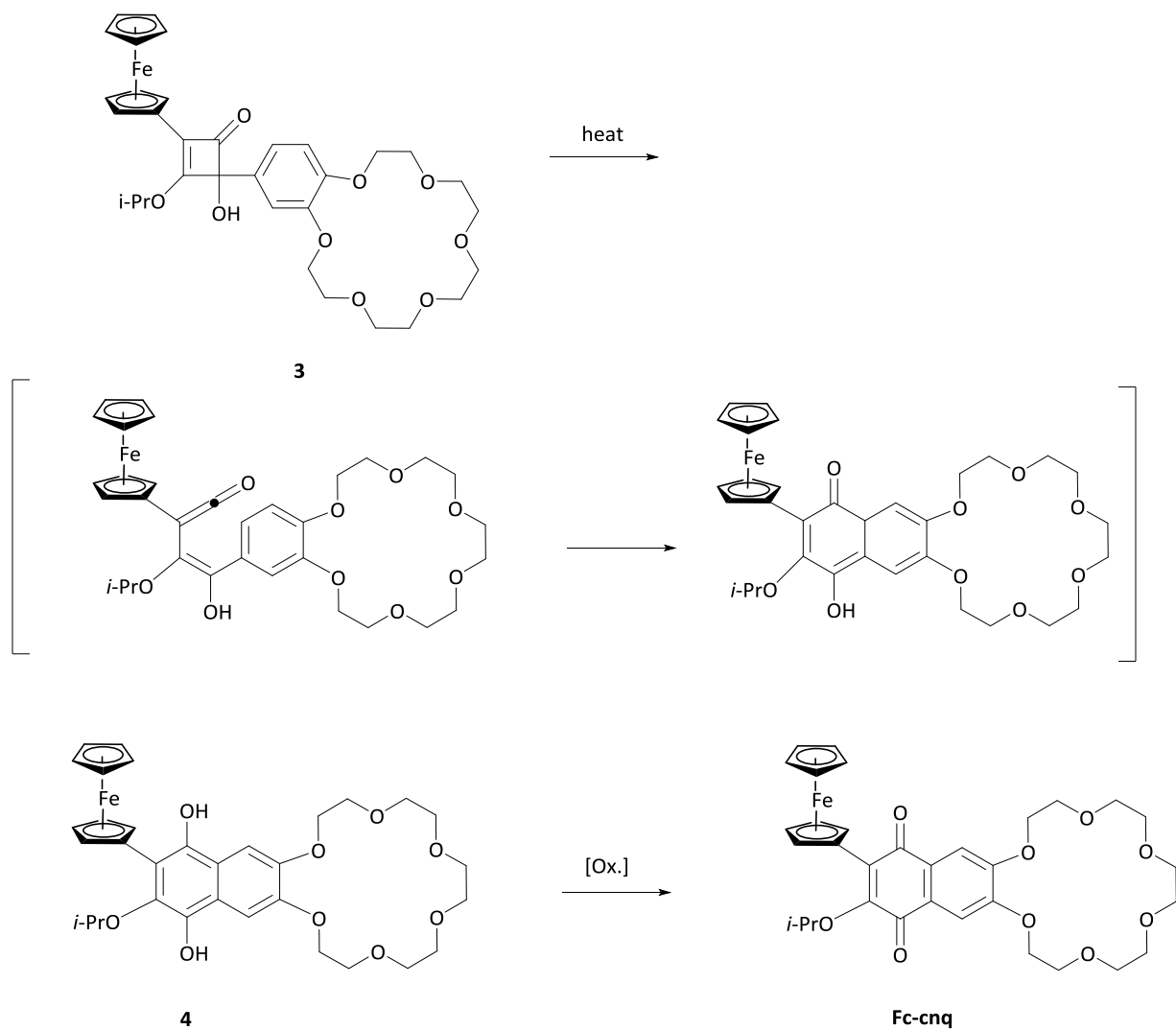
**Figure 8S.** The plot of absorbance vs.  $n_1/n_{\text{Ca}^{2+}}$  (mol/mol) at 421 nm for UV-Vis spectral titration of **Fc-cnq** upon addition of aliquots of  $\text{CaClO}_4$  in  $\text{CH}_3\text{CN}$ . Concentration of **Fc-cnq** =  $1.0 \times 10^{-4}$  M.

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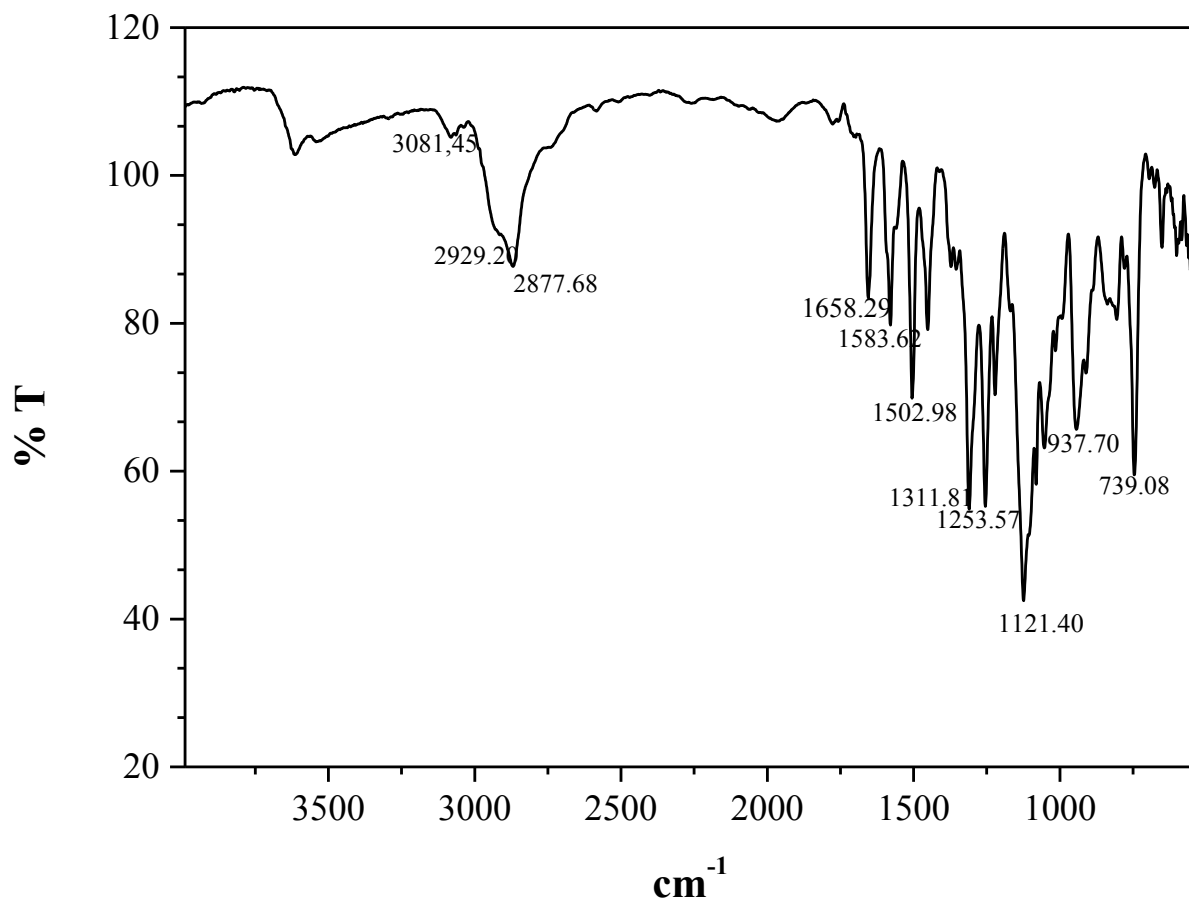
**Figure 10S.** Sigmoidal curve for **Fc-cnq**,  $[\text{Ca}^{2+}]$  vs. absorbance, (A) at 666 nm, (B) at 421 nm.

**Figure 11S.** Plot of  $A$  vs.  $[\text{L}]_t/[\text{M}]_t$  for complexation of **Fc-cnq** and  $\text{NaClO}_4$  in  $\text{CH}_3\text{CN}$  at  $25 \pm 0.02$  °C. Concentration of **Fc-cnq** =  $1.0 \times 10^{-4}$  M.

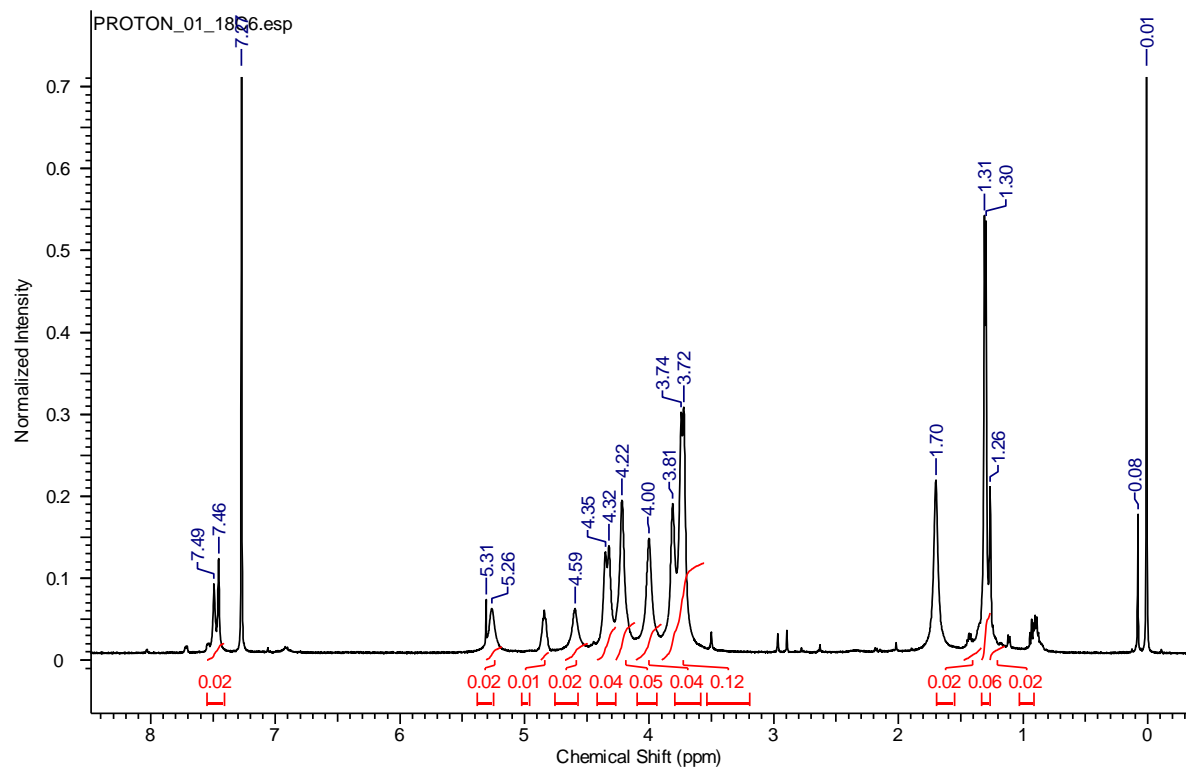
**Figure 12S.** Plot of  $A$  vs.  $[\text{L}]_t/[\text{M}]_t$  for complexation of **Fc-cnq** and  $\text{KClO}_4$  in  $\text{CH}_3\text{CN}$  at  $25 \pm 0.02$  °C. Concentration of **Fc-cnq** =  $1.0 \times 10^{-4}$  M.



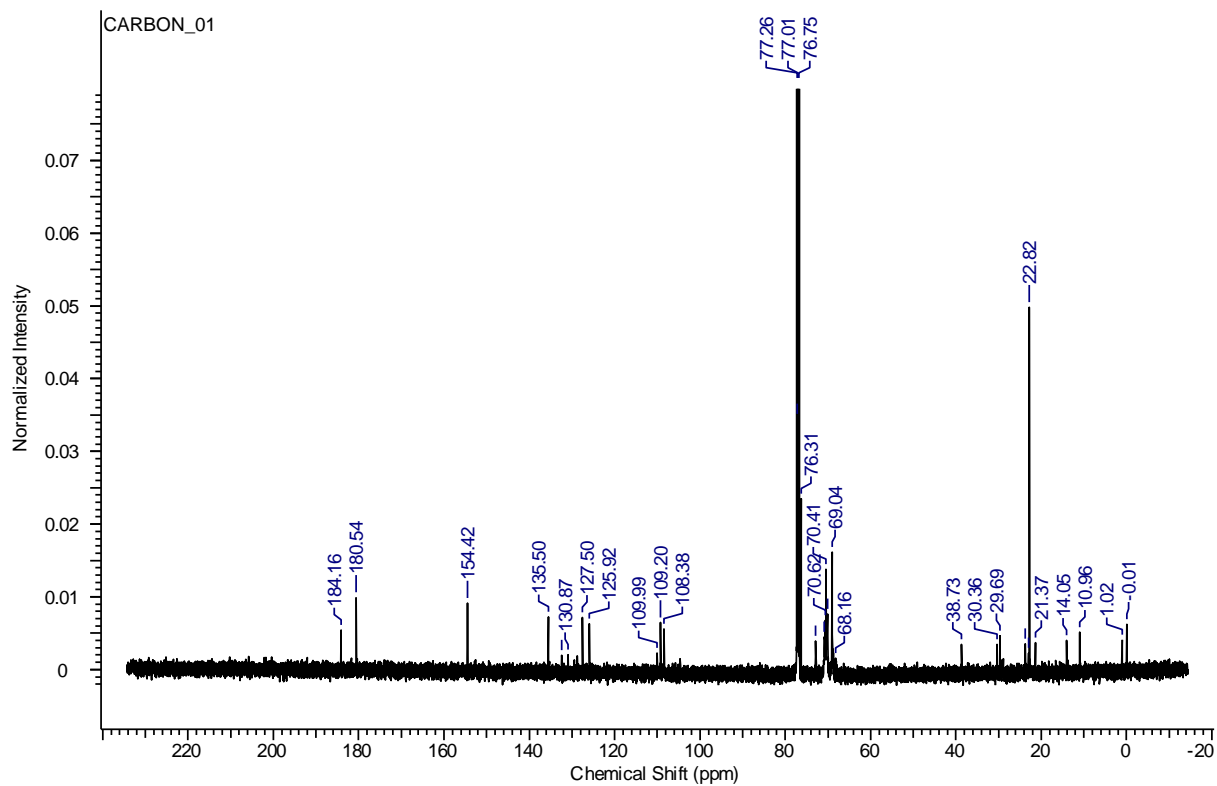
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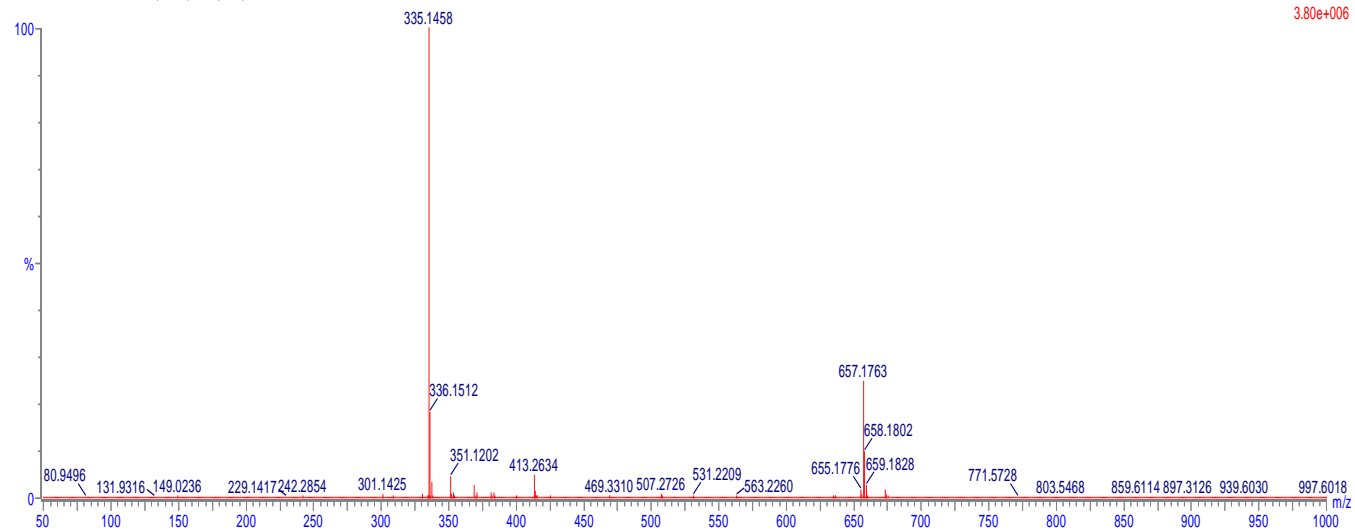
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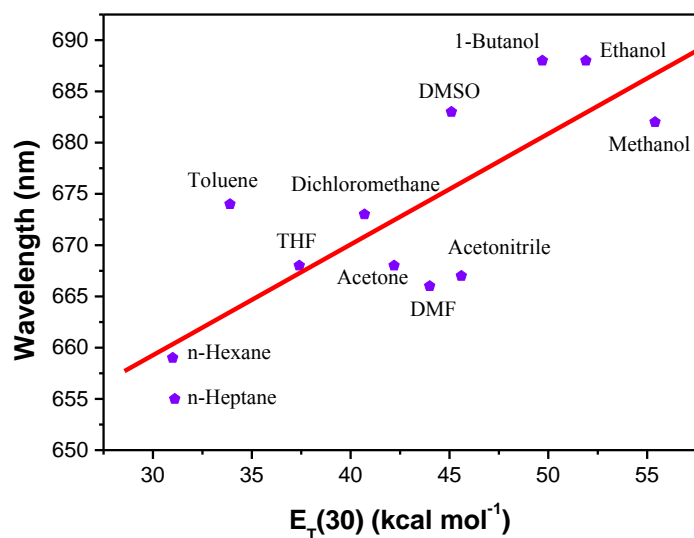
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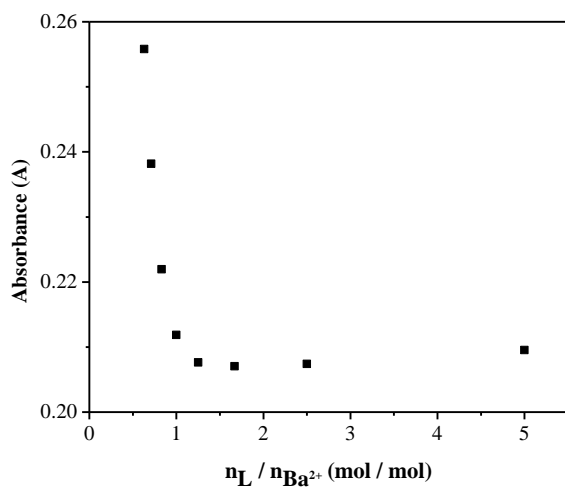
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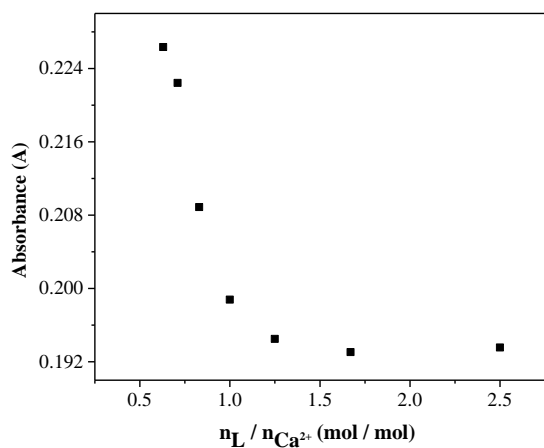
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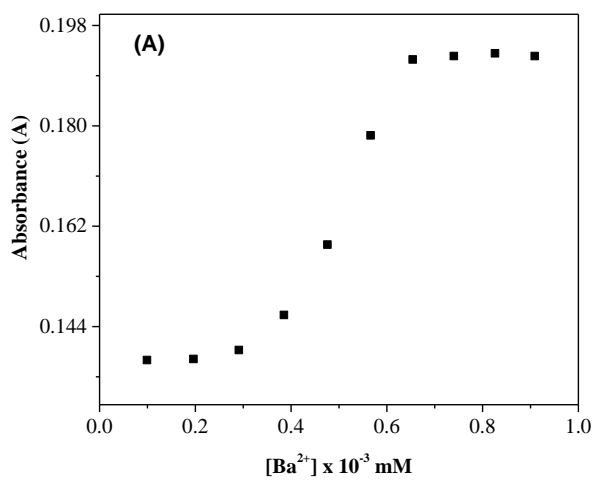
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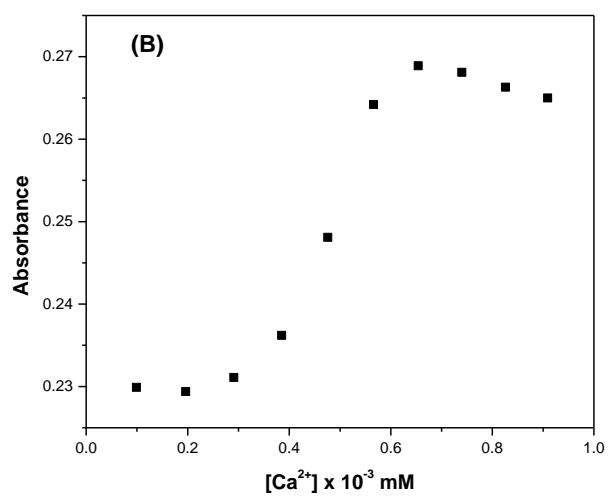
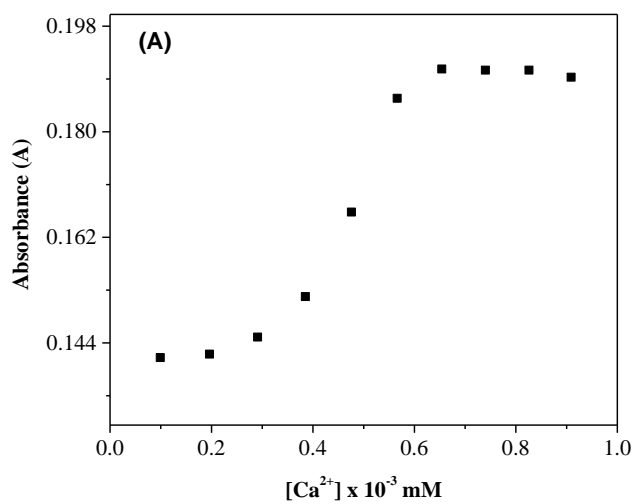
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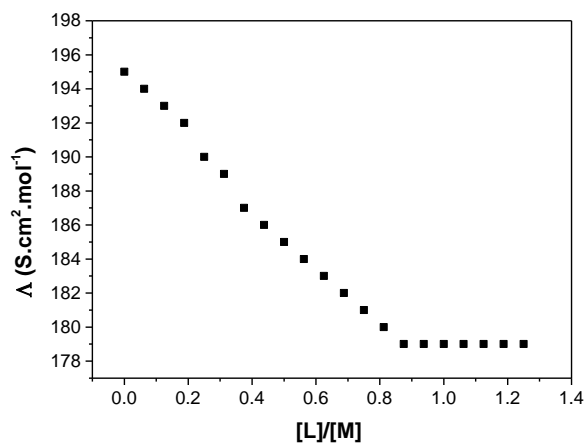
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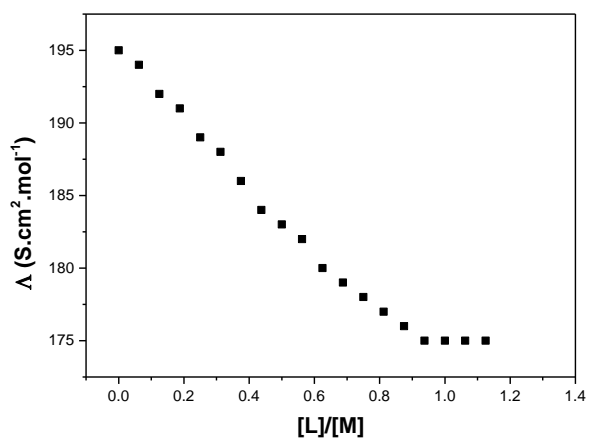
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