

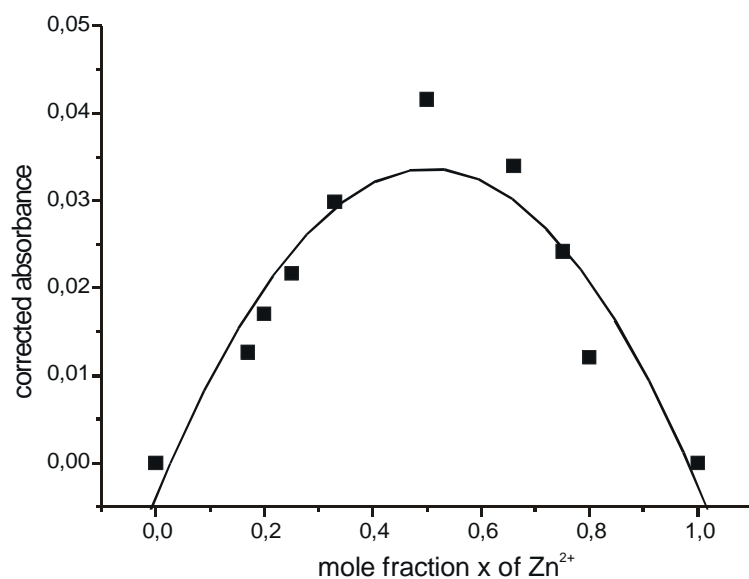
# Electronic Coupling in 6,6''-Donor-Substituted Terpyridines: Tuning of the Mixed Valence State by Proton and Metal Ion Complexation

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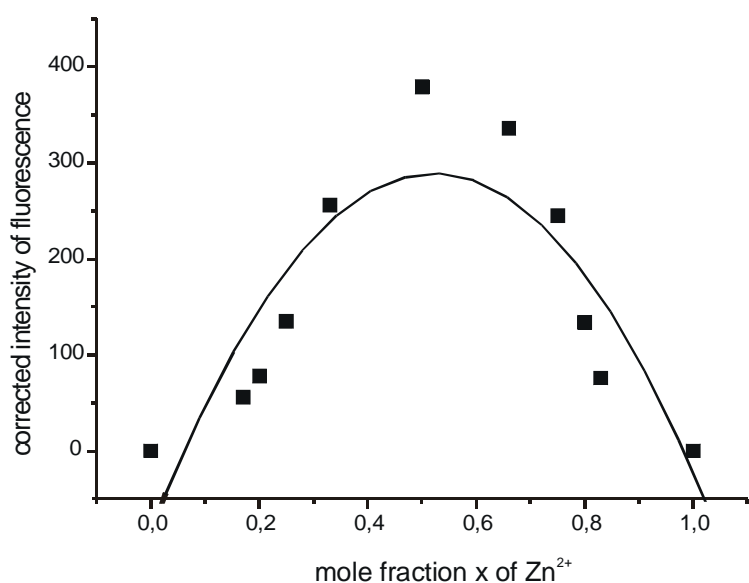
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## Supporting Information

Job plots for complexation of **3** with  $\text{Zn}(\text{ClO}_4)_2 \cdot 6\text{H}_2\text{O}$



**Figure 1:** Job plot for formation of the (3)(Zn<sup>2+</sup>)-complex obtained by UV spectroscopy ( $\lambda = 386 \text{ nm}$ ).



**Figure 2:** Job plot for formation of the (3)(Zn<sup>2+</sup>)-complex by fluorescence spectroscopy ( $\lambda = 502 \text{ nm}$ ).