

Supporting Information for
ECL Performance of Ruthenium *tris*-Bipyridyl Complexes
Covalently Linked with Phenothiazine through Different Bridge

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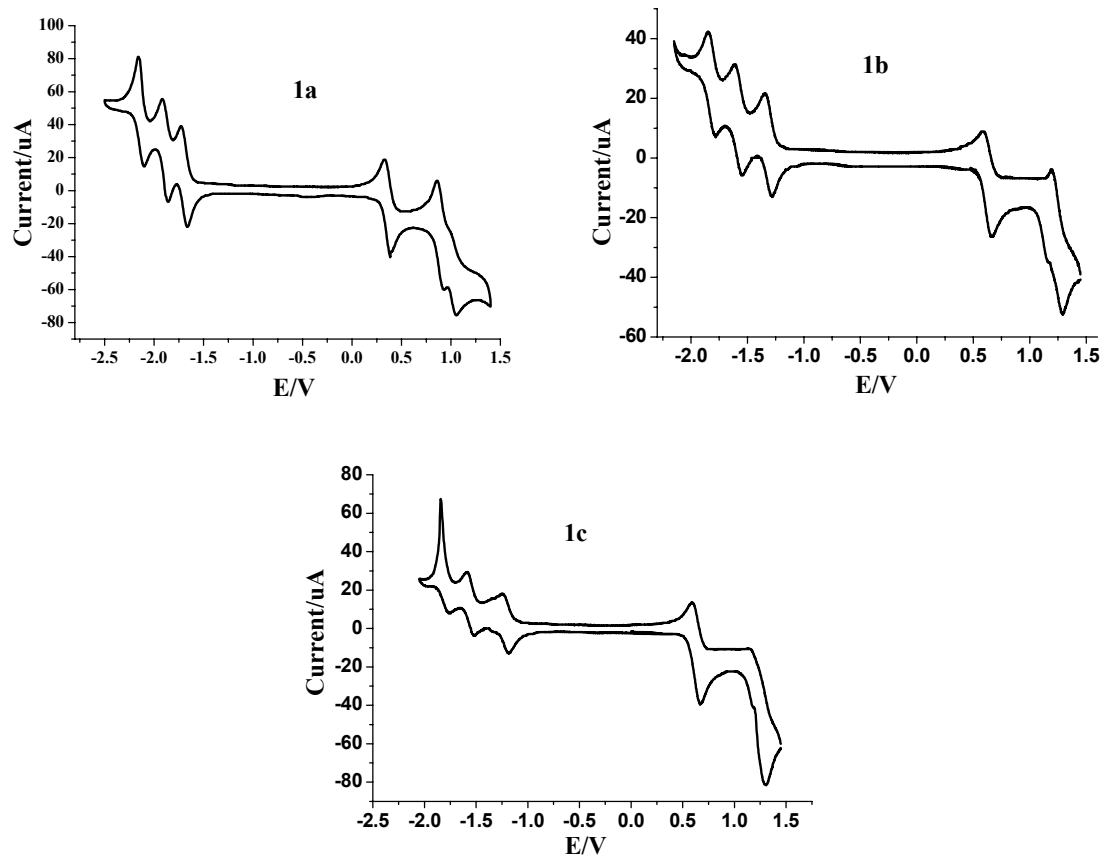


Figure S1. Cyclic voltammograms of complexes **1** alone in CH₃CN with 0.1 M N(n-C₄H₉)₄PF₆, Scan rate: $\nu = 100 \text{ mV s}^{-1}$.

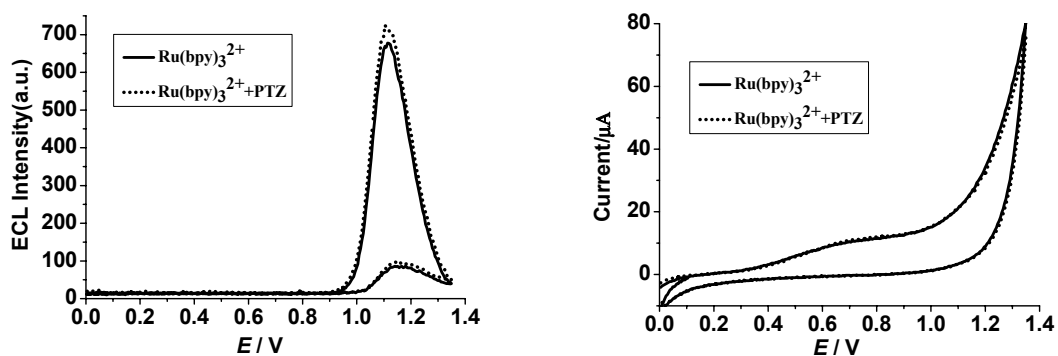


Figure S2 Cyclic ECL (left) and voltammetric curves (right) of 1 μM $\text{Ru}(\text{bpy})_3^{2+}$ with 5 mM TPrA (solid) and 1 μM $\text{Ru}(\text{bpy})_3^{2+}$ +1 μM PTZ with 5 mM TPrA (dot) in 0.1 M phosphate buffer (pH = 7.5) at Pt electrode, Scan rate: 0.1 V/s.

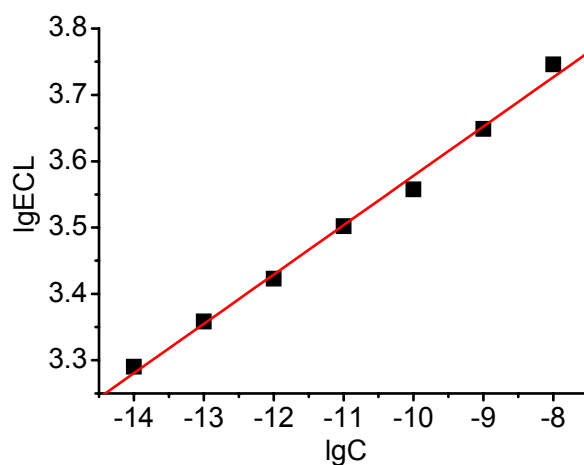


Figure S3 Dependence of the logarithmic plot of ECL versus the concentration of complex **1a** with 20 mM DBAE in 0.1 M phosphate buffer (pH = 7.5) at Au electrode.