

Supporting Information

for

"Synthesis and Characterization of a Pt₃Ru₁/Vulcan Carbon Powder Nanocomposite and Reactivity as a Methanol Electrooxidation Catalyst"

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Figure 1. A drawing of the molecular structure of the precursor complex, [Ru(dpq)₃(PtCl₂)₃](BF₄)₂, 1a.

Figure 2. A UV-Vis absorption spectrum of a 4.04 x 10⁻⁴ M solution of the precursor complex, [Ru(dpq)₃(PtCl₂)₃](BF₄)₂, 1a, in acetonitrile, as recorded on a HP Agilent Model 8453 Photodiode Spectrophotometer with solvent subtraction.

Figure 3. A UV-Vis absorption spectrum of a 4.97 x 10⁻⁵ M solution of the reagent complex, Pt(DMSO)₂Cl₂, in acetonitrile, as recorded on a HP Agilent Model 8453 Photodiode Spectrophotometer with solvent subtraction.

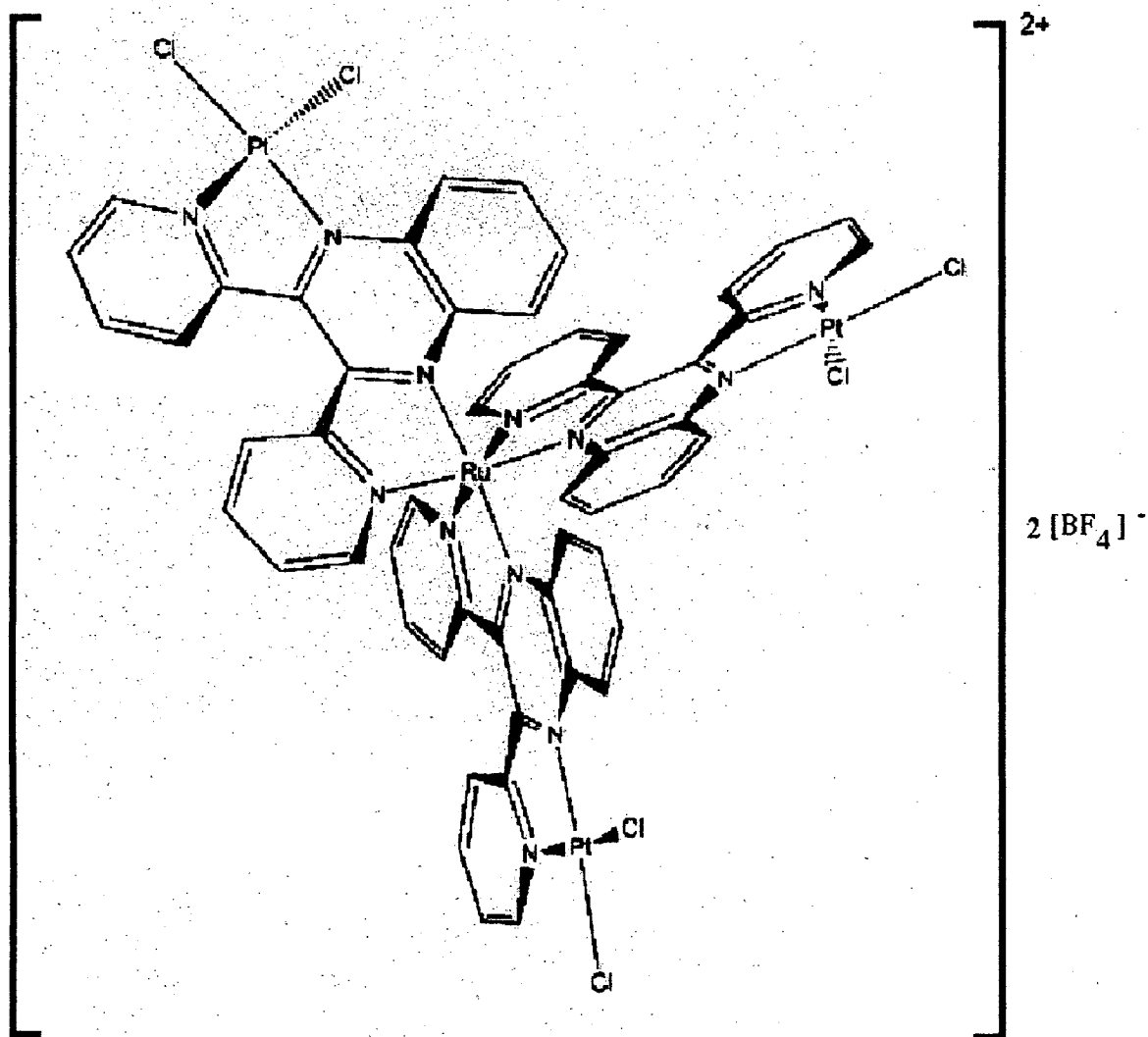


Figure 1. A drawing of the molecular structure of the precursor complex, $[\text{Ru}(\text{dpq})_3(\text{PtCl}_2)_3](\text{BF}_4)_2$, 1a.

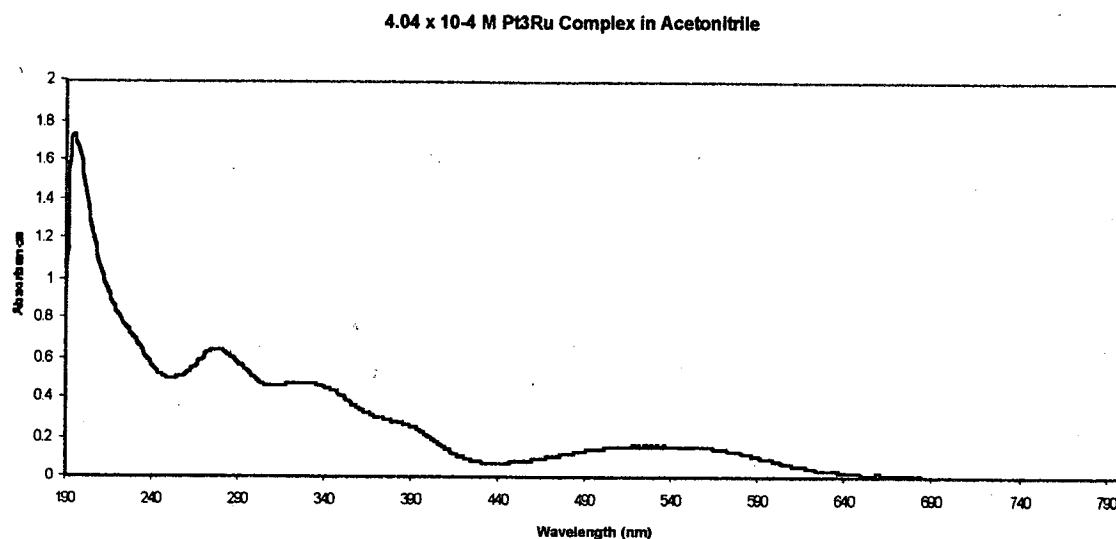


Figure 2. A UV-Vis absorption spectrum of a 4.04×10^{-4} M solution of the precursor complex, $[\text{Ru}(\text{dpq})_3(\text{PtCl}_2)_3](\text{BF}_4)_2$, **1a**, in acetonitrile, as recorded on a HP Agilent Model 8453 Photodiode Spectrophotometer with solvent subtraction.

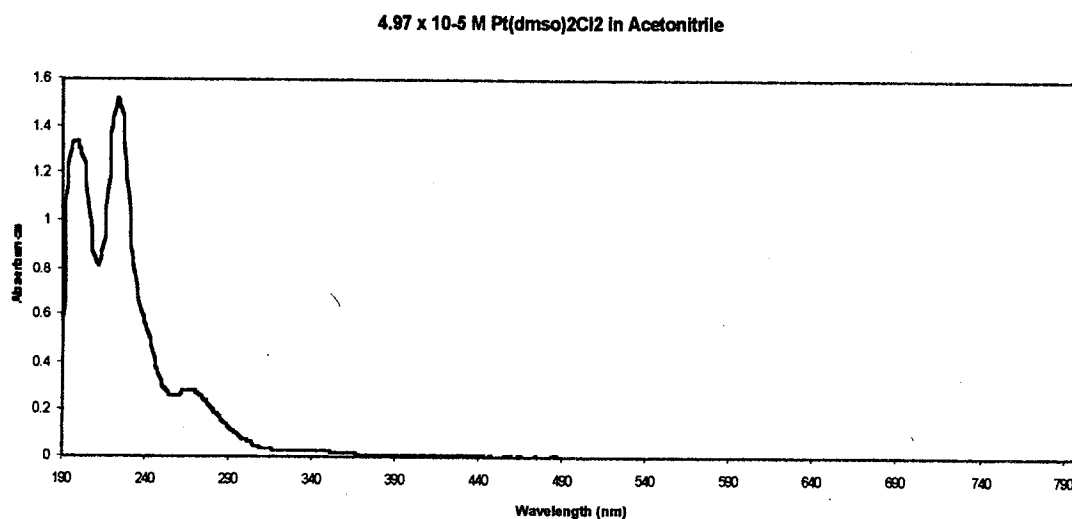


Figure 3. A UV-Vis absorption spectrum of a 4.97×10^{-5} M solution of the reagent complex, $\text{Pt}(\text{DMSO})_2\text{Cl}_2$, in acetonitrile, as recorded on a HP Agilent Model 8453 Photodiode Spectrophotometer with solvent subtraction.