

Supporting Information

Regiospecific Quenching by Lewis Acids and Lewis Bases of a Photoexcited Pt(II) Complex

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Supplemental Spectra

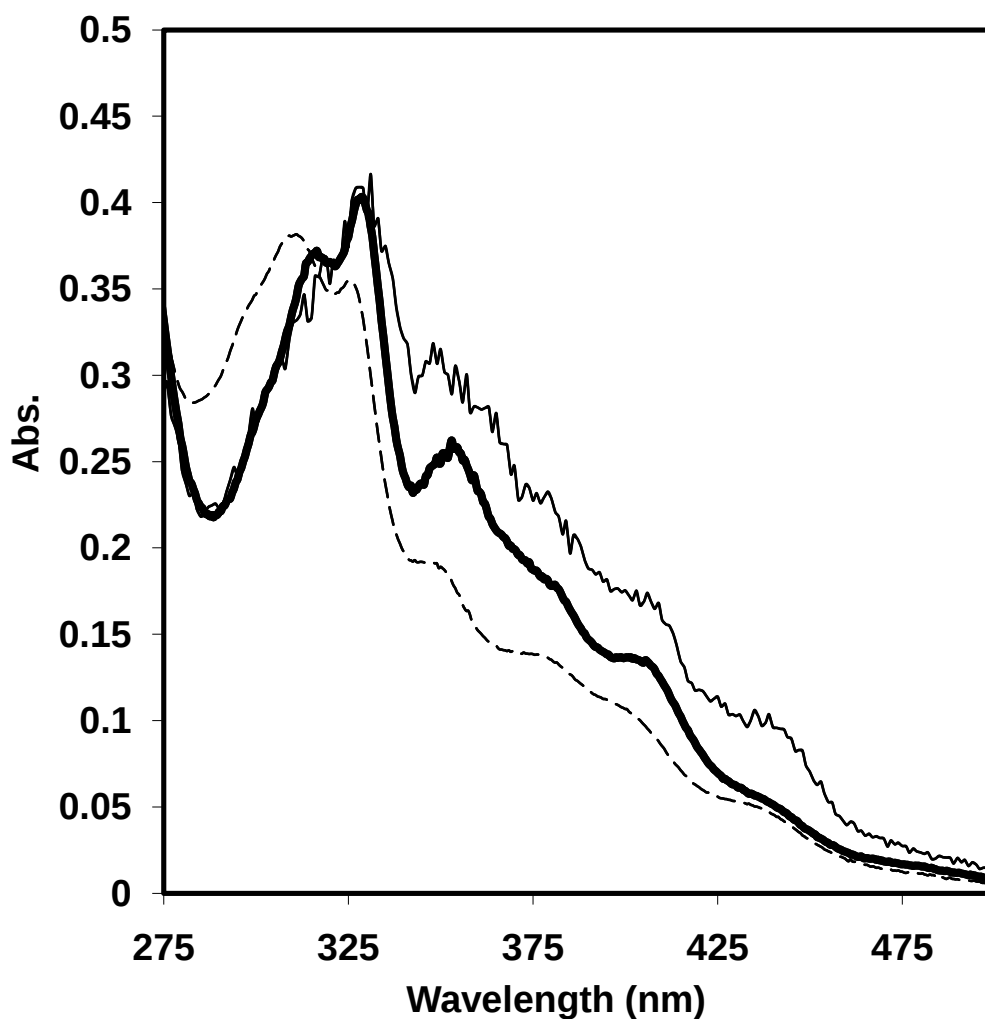


Figure S1. Absorption spectrum of Pt(ph ϕ)Cl (dashed) with absorption (bold) and excitation spectra (thin solid) of Pt(ph ϕ^*)Cl in DCM solution at room temperature.

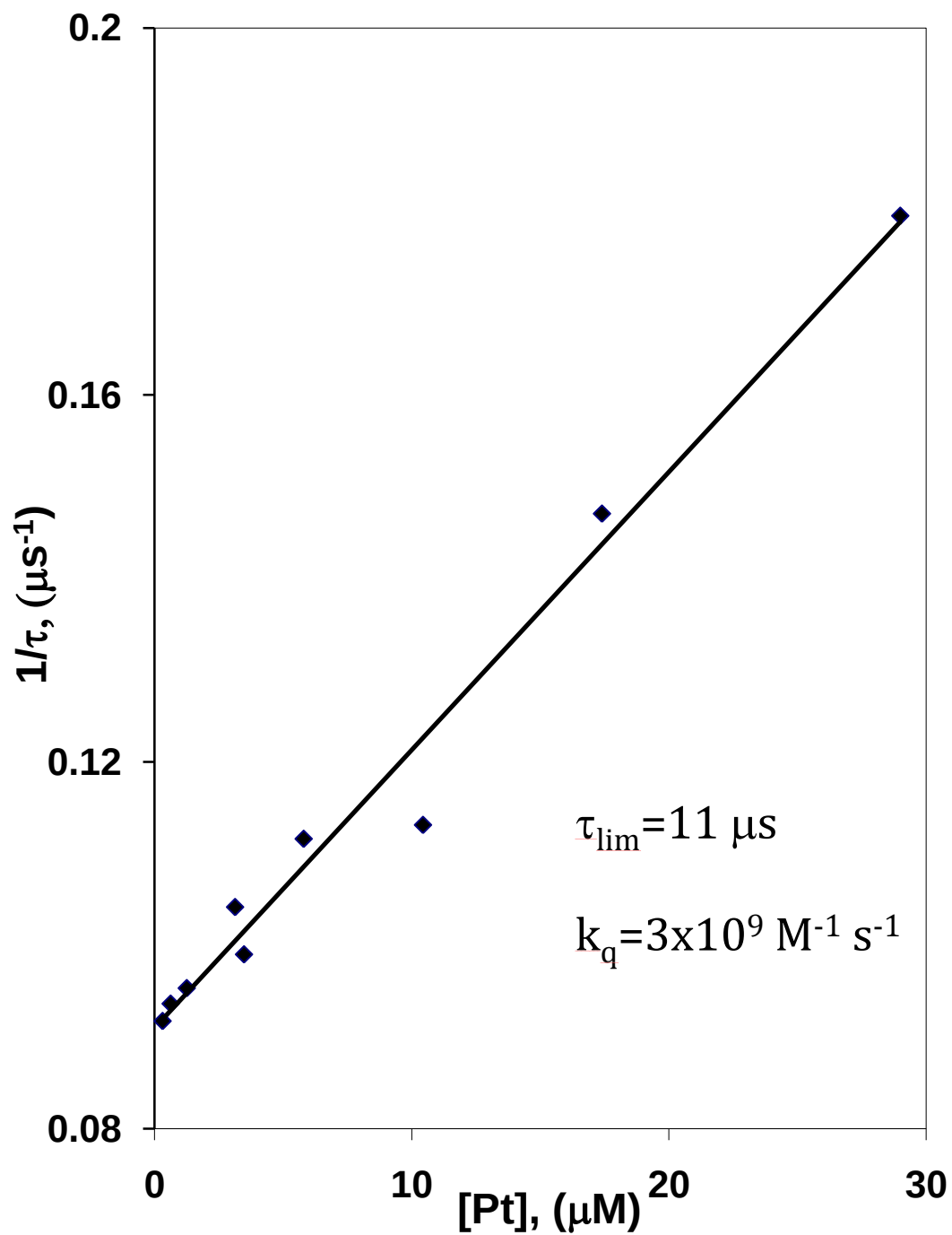


Figure S2. Stern-Volmer plot of Pt(dppz ϕ^*)Cl self quenching

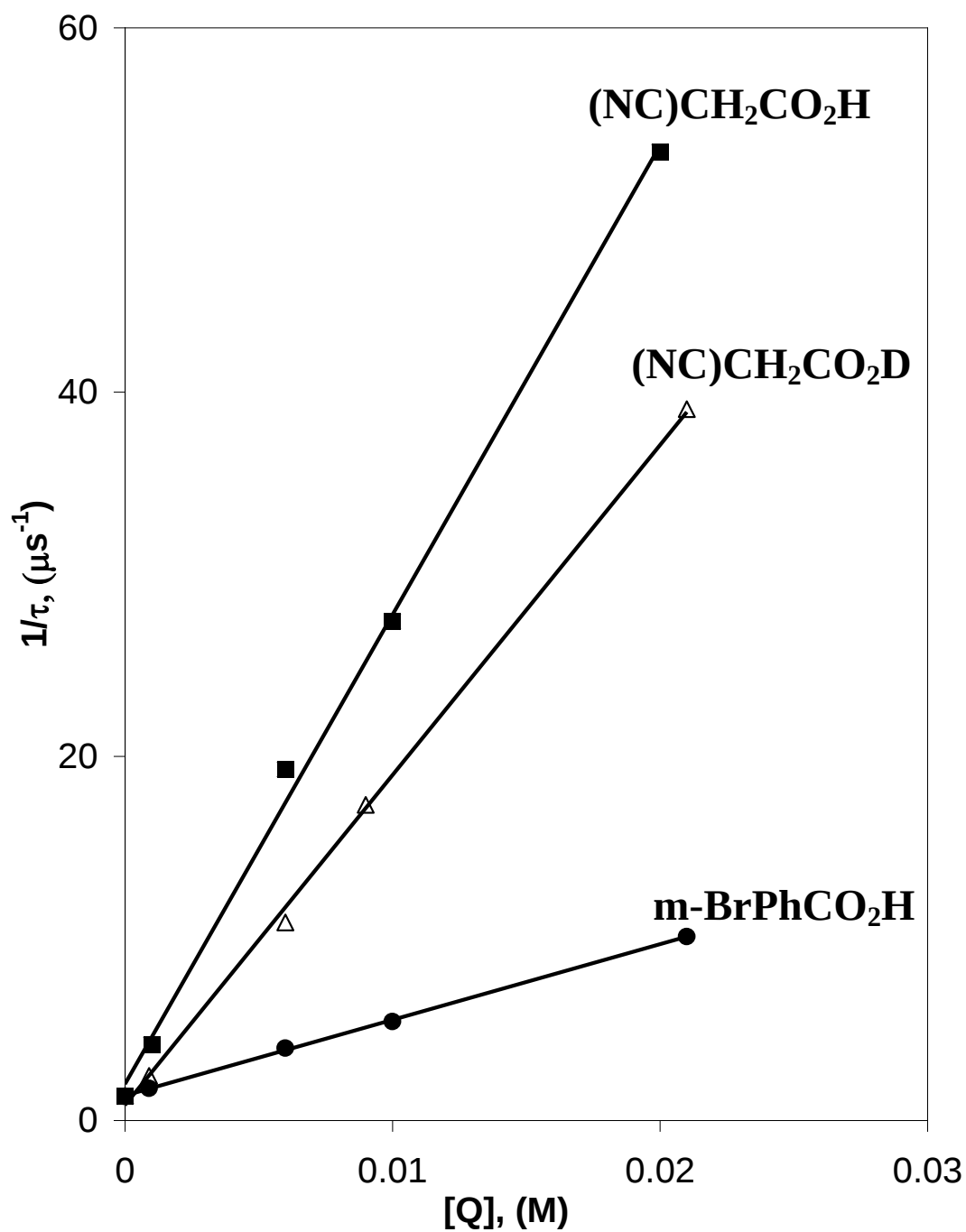


Figure S3. Stern-Volmer plots for quenching of photoexcited $\text{Pt}(\text{dppz}\phi^*)\text{Cl}$ in DCM by cyano acetic acid (■), $(\text{NC})\text{CH}_2\text{CO}_2\text{D}$ (Δ), and m-bromobenzoic acid(●)

Figure S3 shows afore mentioned hypsochromic shift in the presence of TFE.

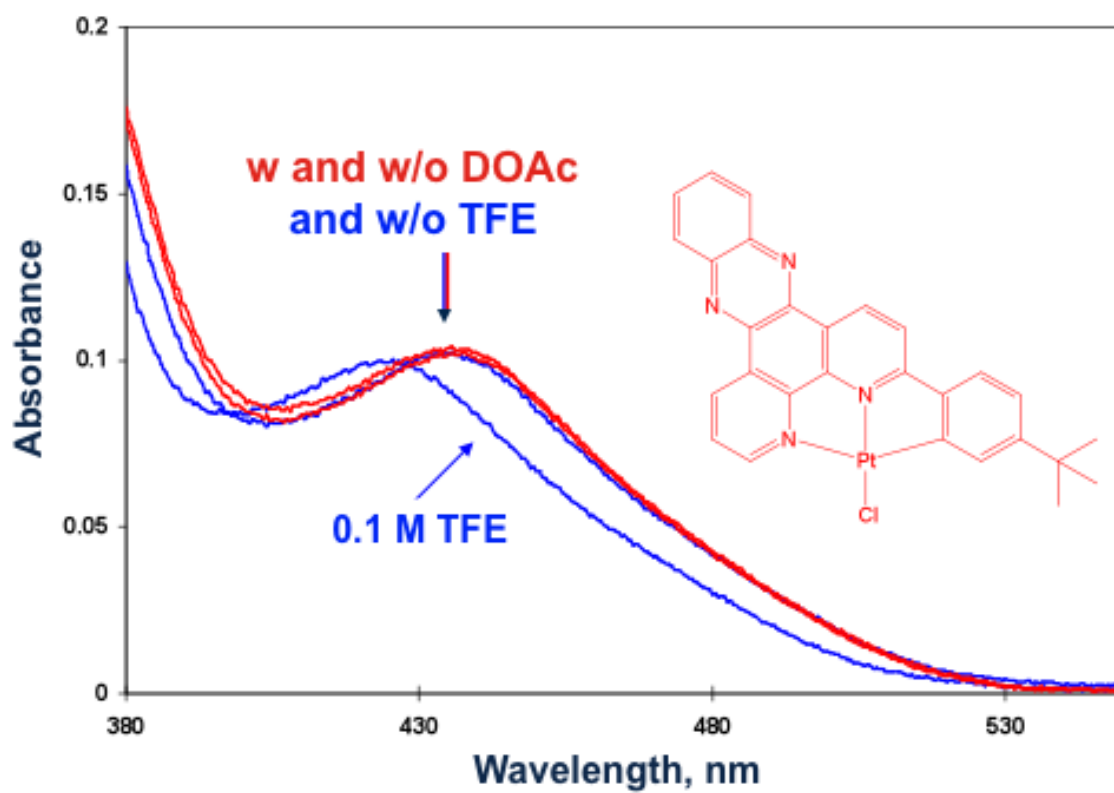


Figure S4. Absorption spectra of Pt(dppzφ*)Cl in the absence and presence of d¹- acetic acid (red lines), or 2,2,2-trifluoroethanol (TFE) (blue lines).