

Synthesis, Structure and Photophysical Properties of a Flavin-Based Platinum(II) Complex

Atsushi Kobayashi, Korin Ohbayashi, Rie Aoki, Ho-Chol Chang and Masako Kato

Supporting Information

Emission lifetime measurement

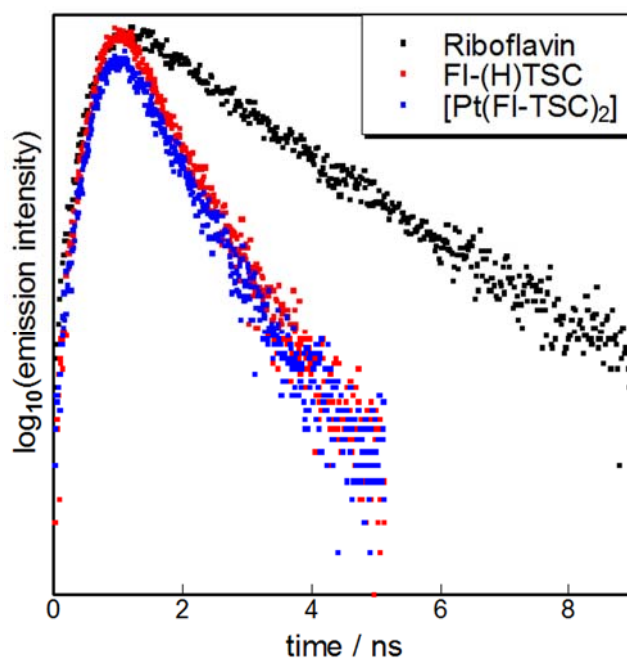


Figure S1. Emission decay profiles of riboflavin, **FI-(H)TSC** and **[Pt(FI-TSC)₂]** compounds in DMSO solution at room temperature.

Cyclic Voltammograms

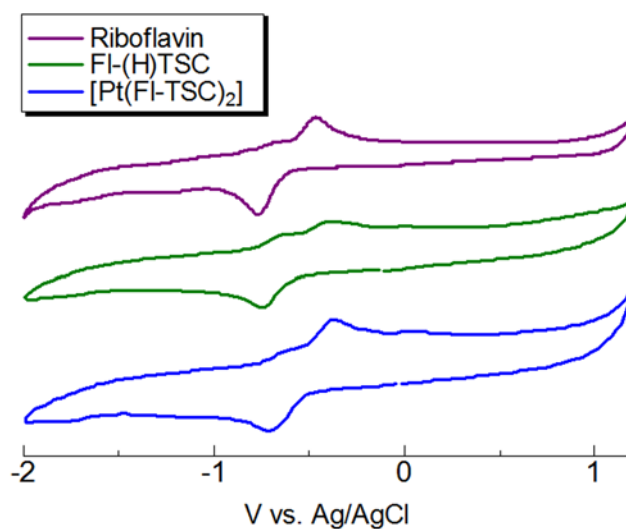


Figure S2. Cyclic voltammograms of riboflavin, **FI-(H)TSC** and **[Pt(FI-TSC)₂]** compounds in distilled DMF solution at room temperature. WE:Pt, CE:Pt, RE: Ag/AgCl, Electrolyte: 0.1 M TBA(PF)₆

MO calculation

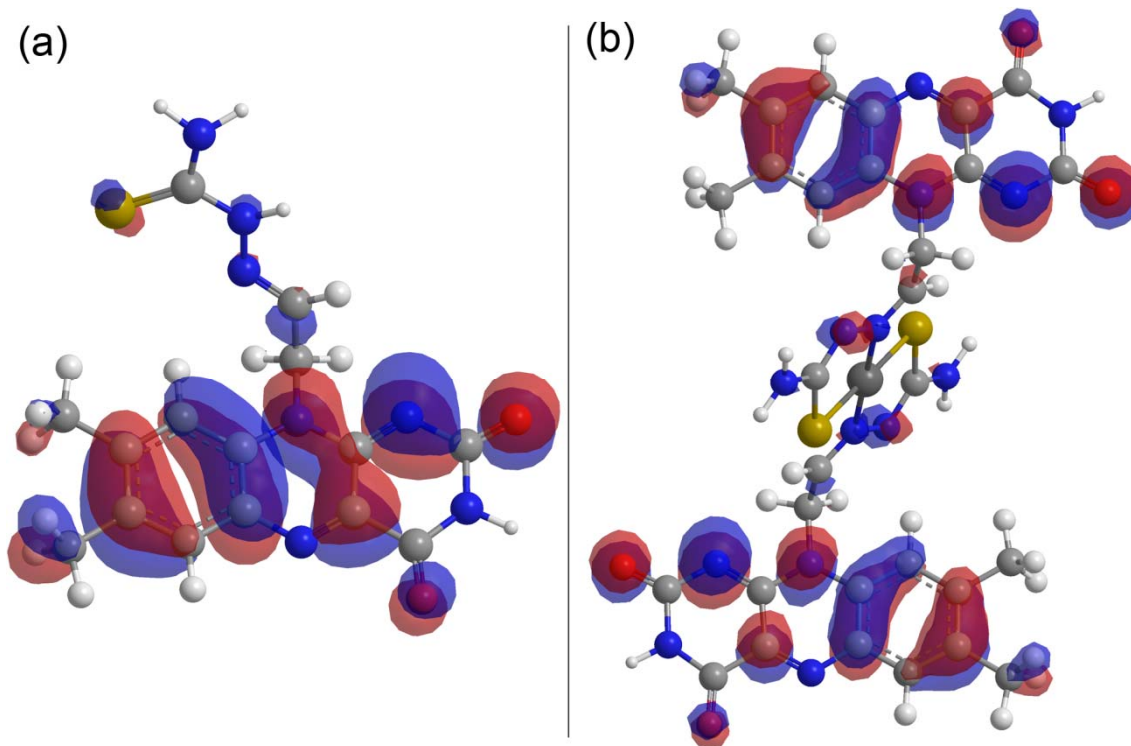


Figure S3. The shape of HOMO-1 of **FI-(H)TSC** (a) and **[Pt(FI-TSC)₂]** (b). The isosurfaces correspond to the value of ± 0.02 .