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Supporting Information

Properties of a Flavonol-based PhotoCORM in Aqueous Buffered Solutions: Influence of Metal Ions, Surfactants and Proteins on Visible Light-induced CO

Release

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Figure S1. Absorption and emission spectra of **2a** in 1:1 DMSO: H_2O in the presence of two equivalents of NaOH.



Figure S2. ESI/APCI MS of [(bpy)Zn(2a⁻)]ClO₄ (4).



Figure S3. a) Fluorescence emission of spectrum of HSA (1.4 μ M) in presence of various concentrations of **2a** in TRIS buffer at pH = 7.4; T = 295 K, λ_{ex} = 282 nm. [**2a**] = 0, 1.4, 2.8, 5.6, 8.4, 11.2, 16.8, and 22.4 μ M. b) Stern-Volmer plot of data for titration of HSA with **2a**. c) Modified Stern-Volmer plot of data for titration of HSA with **2a**.



Figure S4. Modified Stern-Volmer plots for the titration of BSA with **2a** in the presence of (a) warfarin and (b) ibuprofen.



Figure S5. Modified Stern-Volmer plots for the titration of HSA with **2a** in the presence of (a) warfarin and (b) ibuprofen.



Figure S6. Modified Stern-Volmer plots for the titration of BSA with **3a** in the presence of (a) warfarin and (b) ibuprofen.