

Supplementary Materials

Synthesis of a light-harvesting ruthenium porphyrin complex substituted with BODIPY units. Implications for visible light-promoted catalytic oxidations

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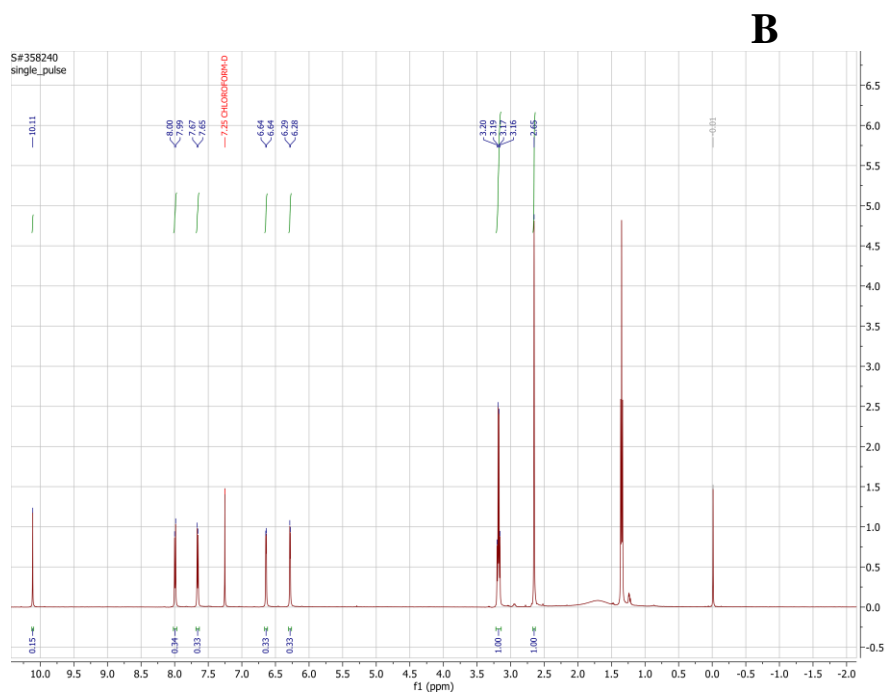
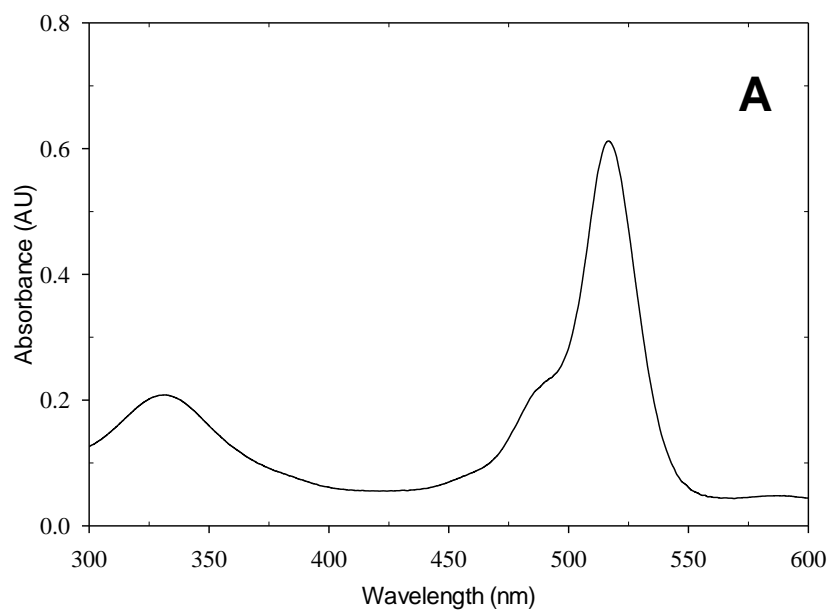


Figure S1. (A) UV-Vis spectrum of the BODIPY-appended benzaldehyde (**2**) in CH_2Cl_2 and (B) ^1H -NMR spectrum of **2** in CDCl_3 .

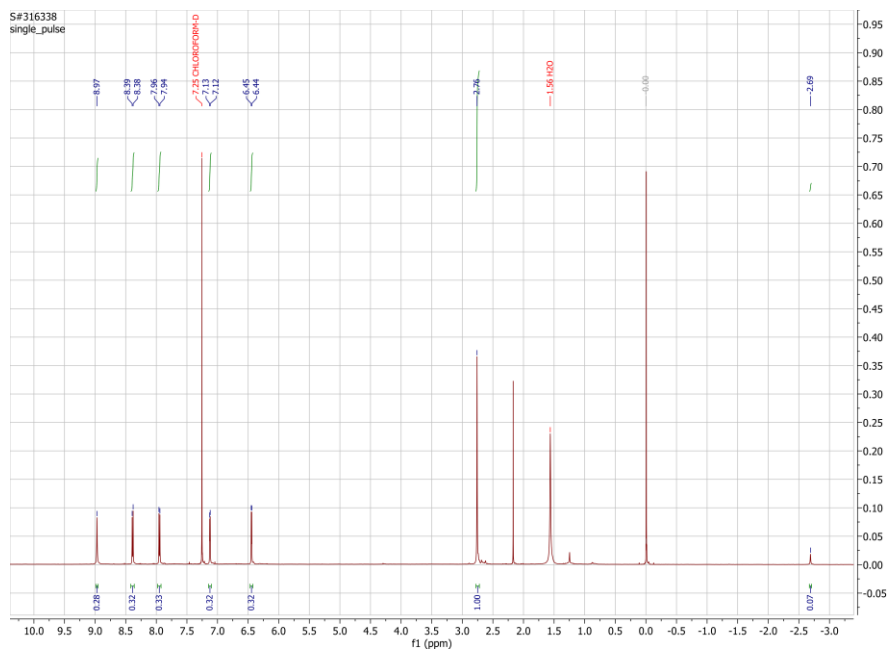


Figure S2. ^1H -NMR spectrum of the light-harvesting porphyrin (**3**) in CDCl_3

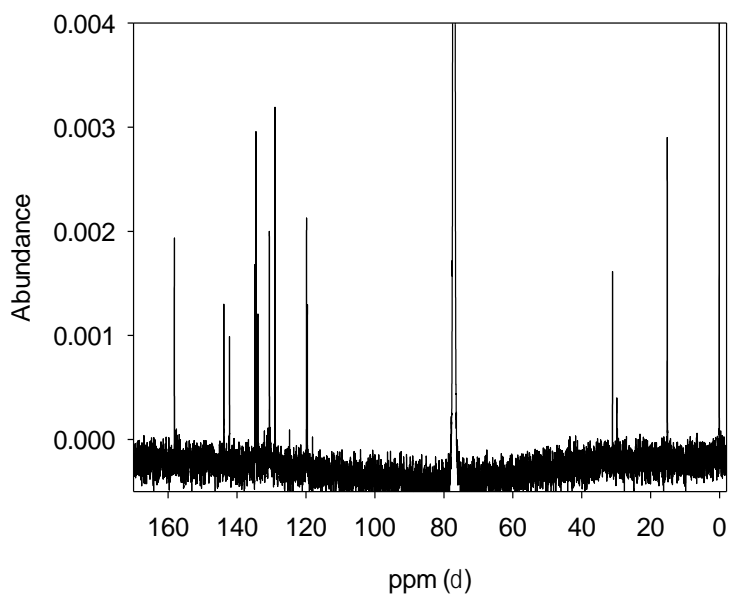


Figure S3. ^{13}C -NMR spectrum of the light-harvesting porphyrin (**3**) in CDCl_3 .

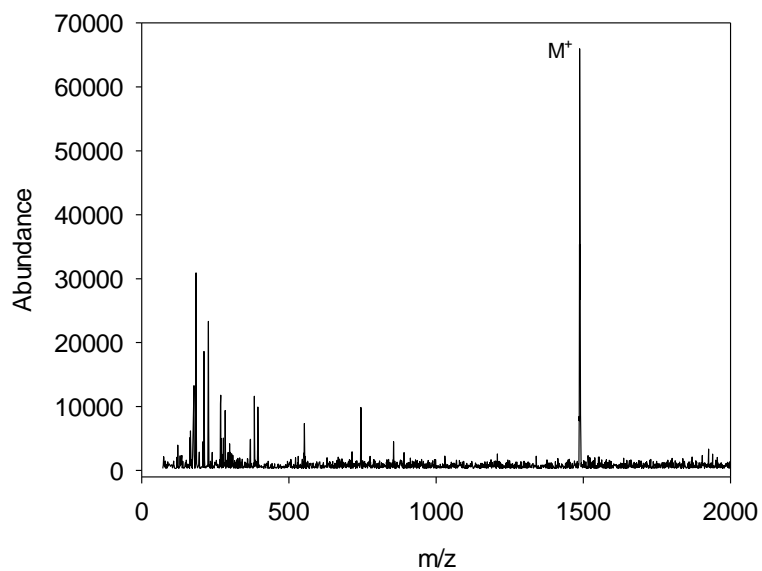


Figure S4. ESI MS of the light-harvesting porphyrin (**3**).

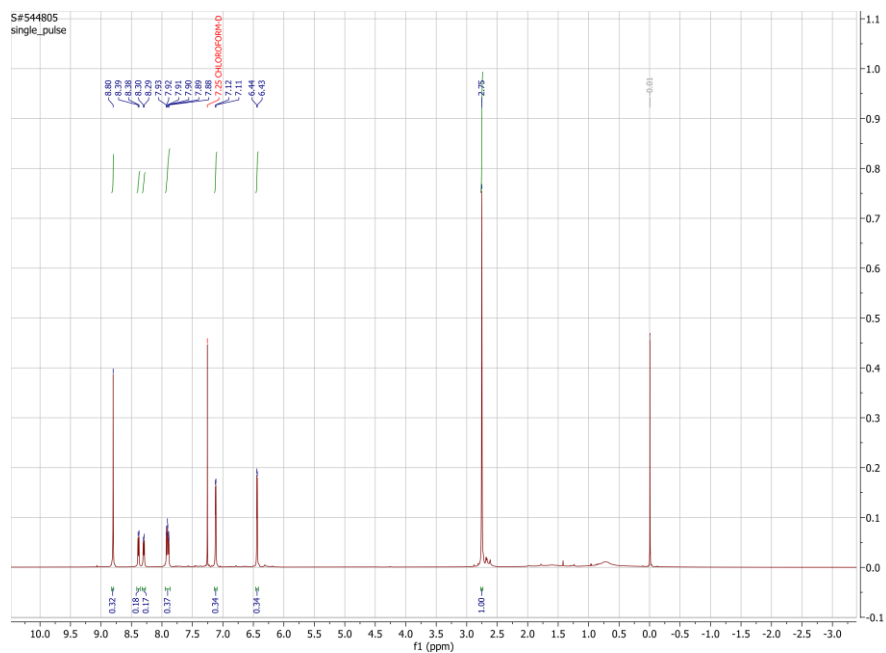


Figure S5. ¹H-NMR spectrum of [Ru^{II}(L-Por)(CO)] (**1**) in CDCl₃

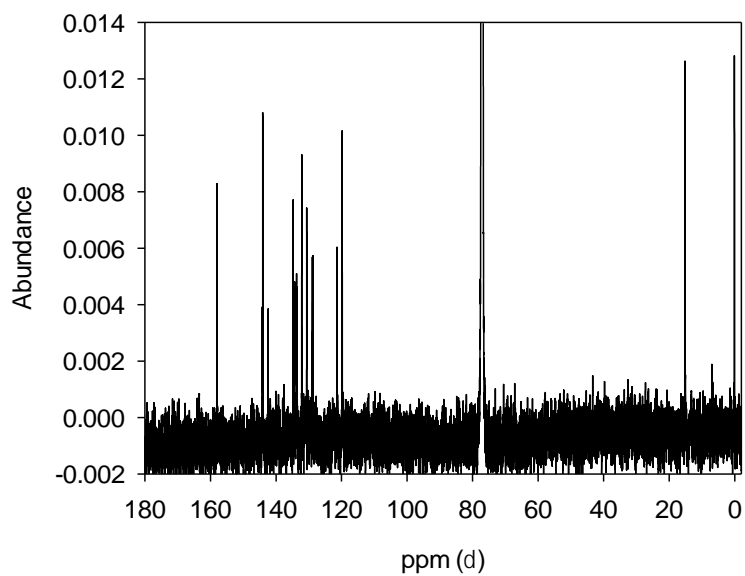


Figure S6. ^{13}C -NMR spectrum of $[\text{Ru}^{\text{II}}(\text{L-Por})(\text{CO})]$ (**1**).

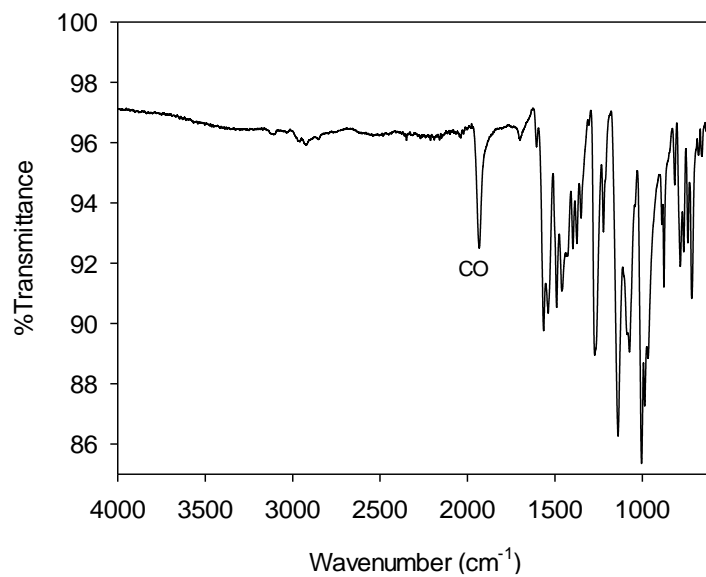


Figure S7. IR spectrum of $\text{Ru}^{\text{II}}[(\text{L-Por})](\text{CO})$ (**1**).