

Supplementary Data

Synthesis of Dipyrindylaminoperylenediimide– Metal Complexes and Their Cytotoxicity Studies

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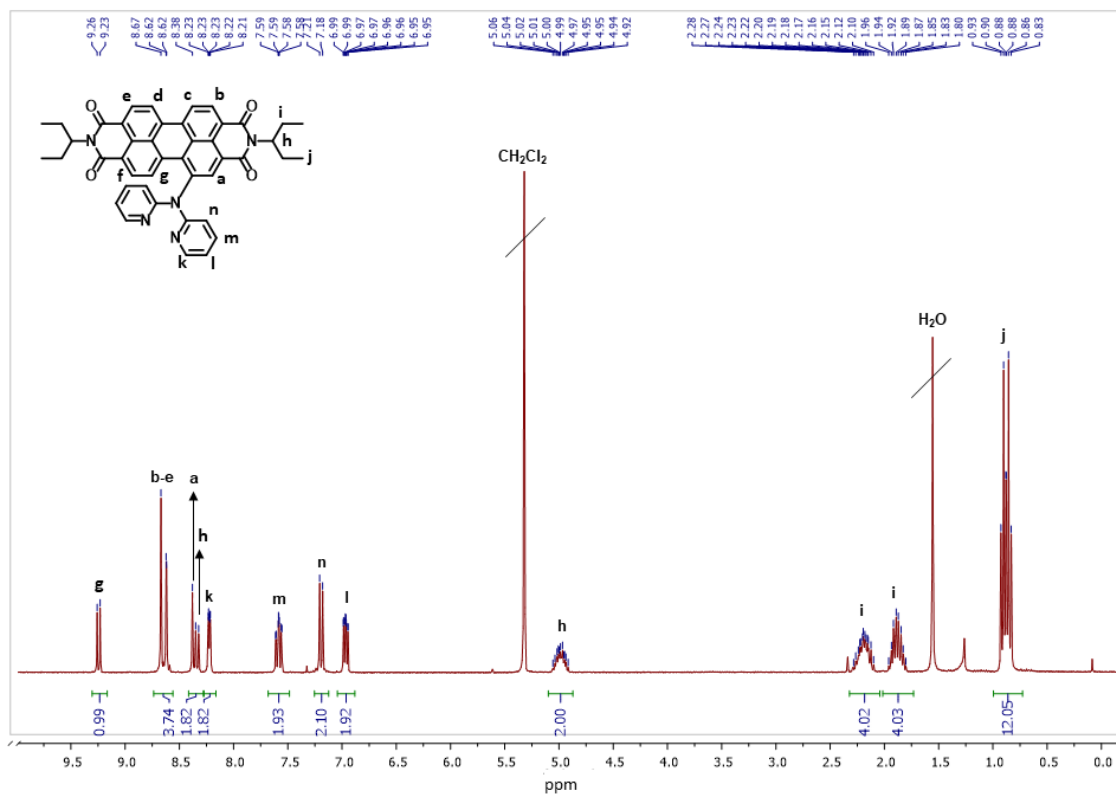


Figure S1: ¹H NMR spectrum of PDI-2 in CD₂Cl₂ (300 MHz, 25 °C)

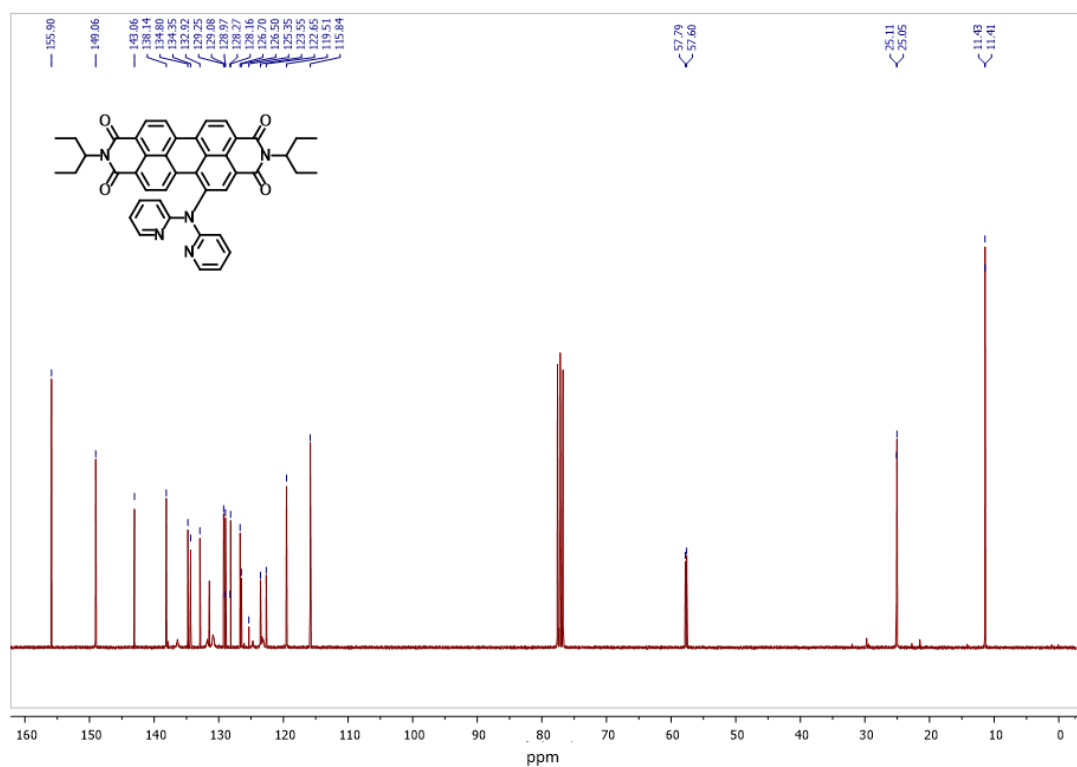


Figure S2: ^{13}C NMR spectrum of PDI-2 in CDCl_3 (75 MHz, 25 °C)

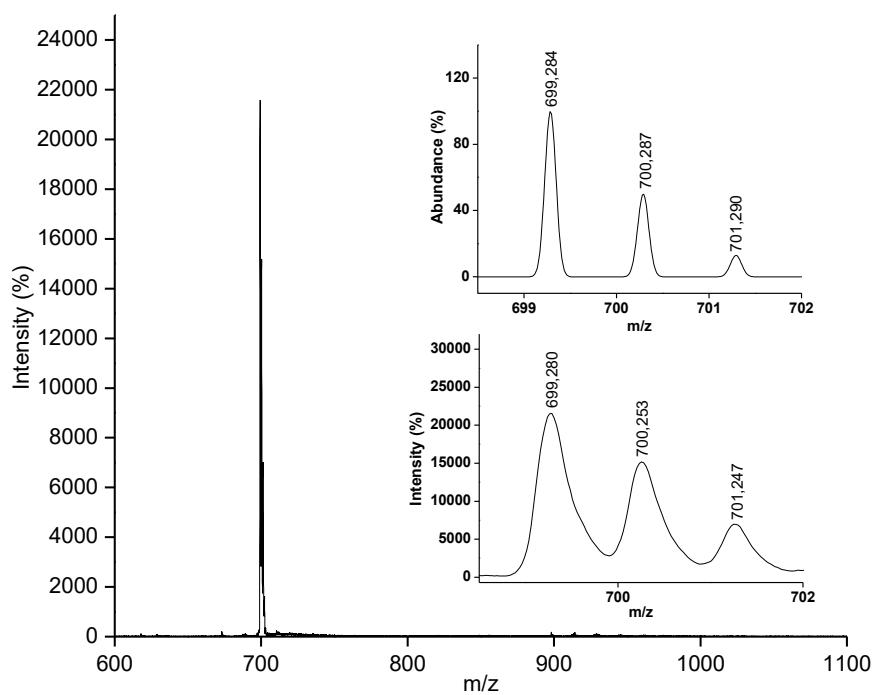


Figure S3: MALDI-TOF spectrum of PDI-2

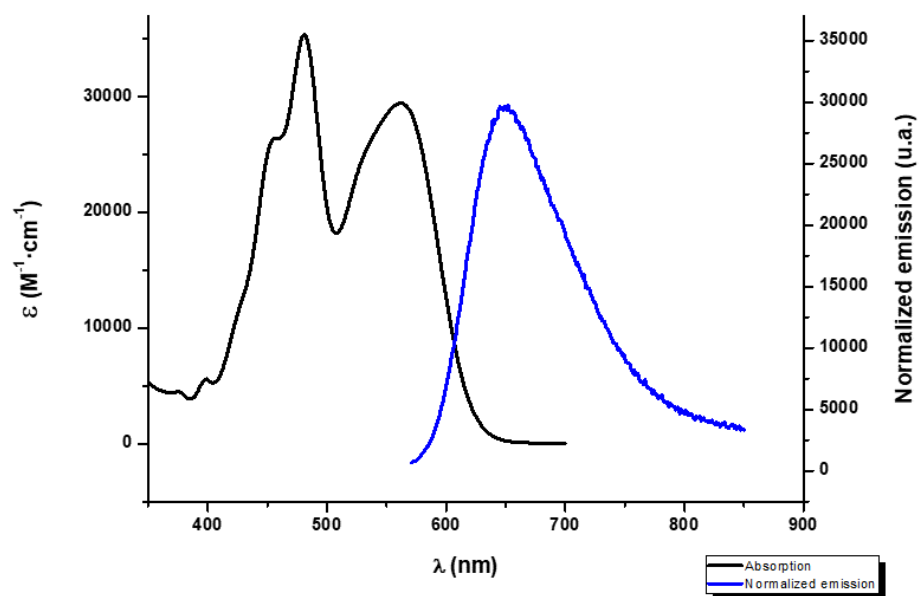


Figure S4: UV-Vis and fluorescence spectra of PDI-2

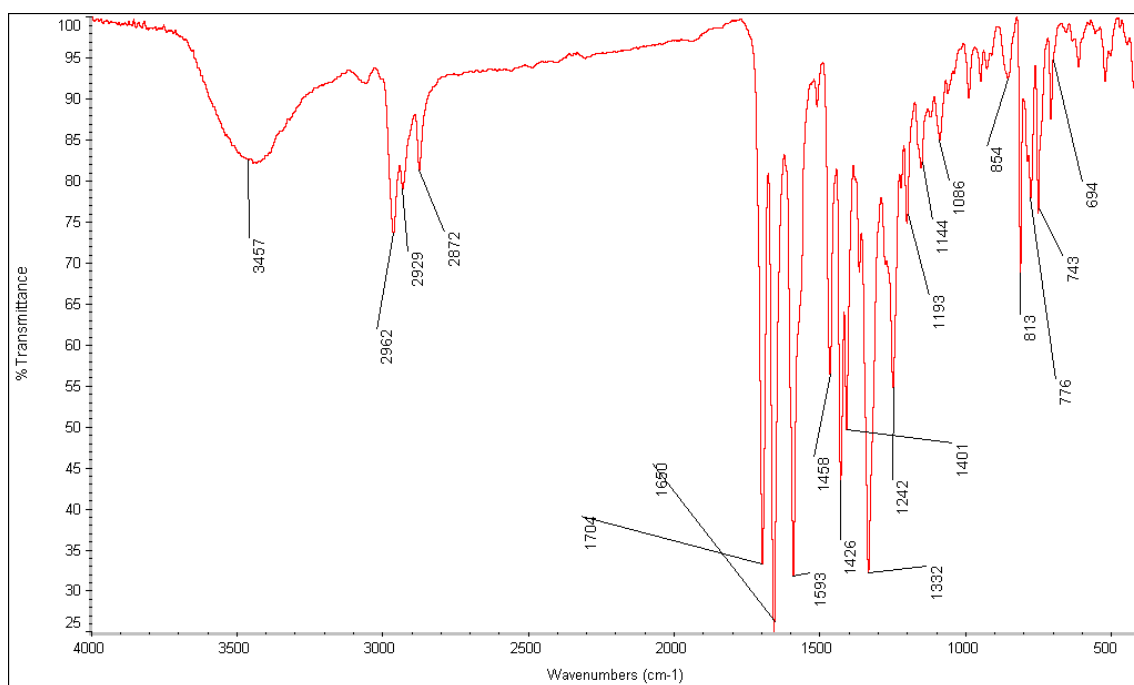
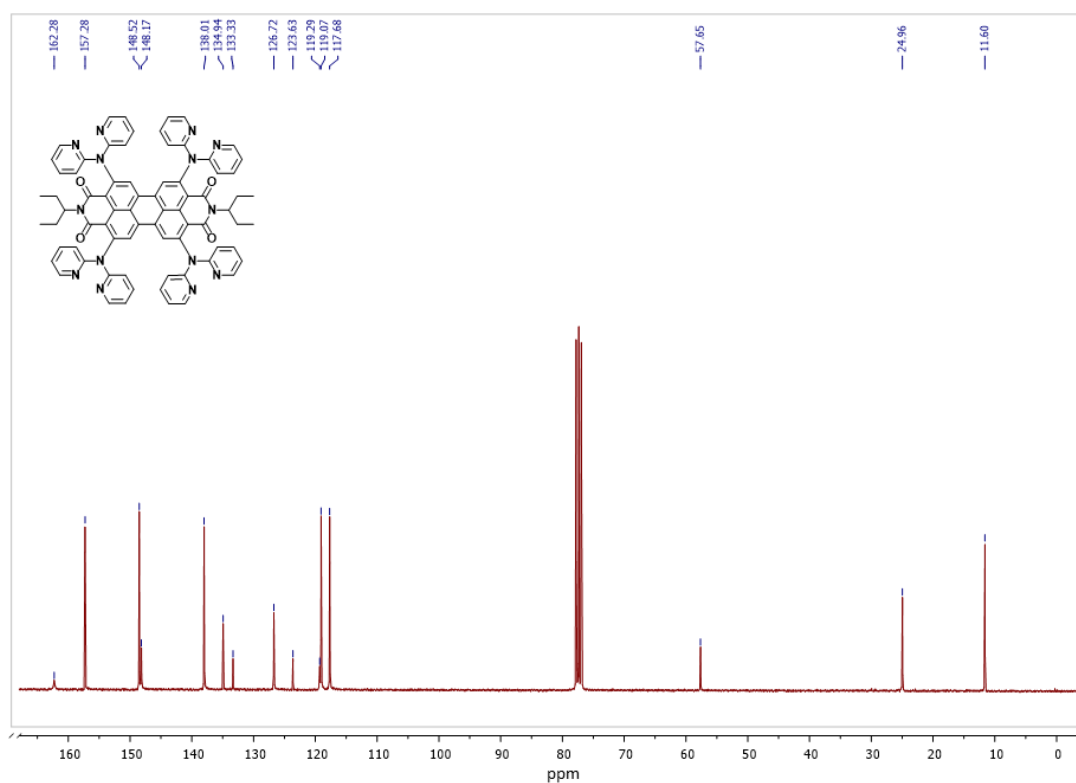
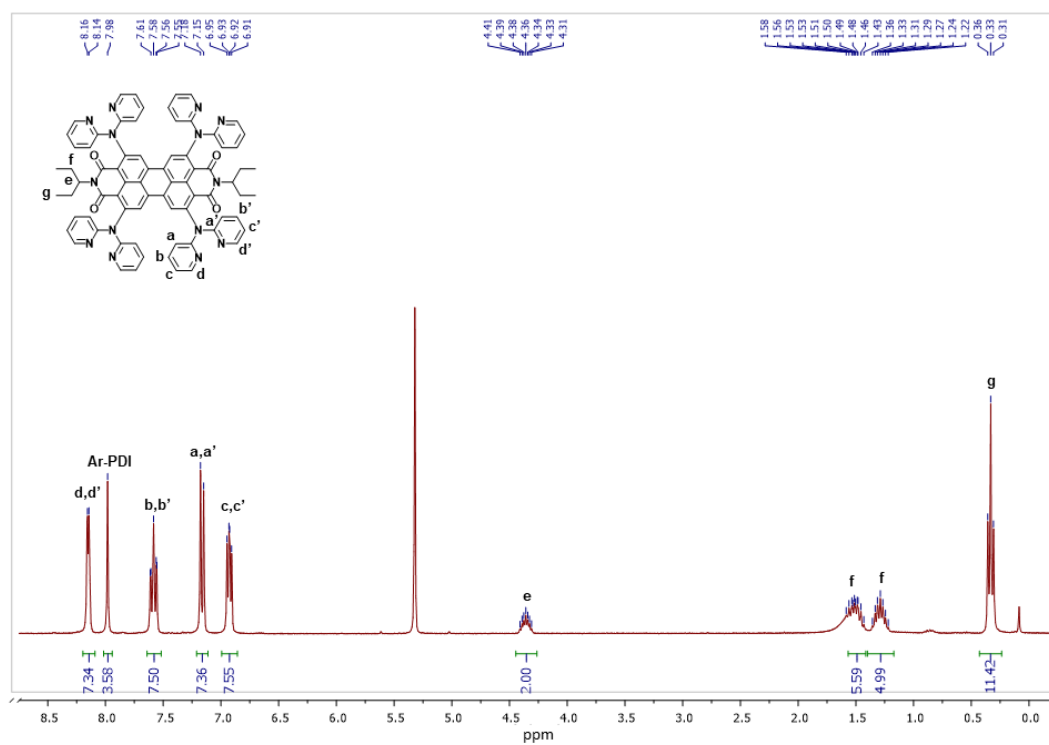


Figure S5: IR spectrum (KBr) of PDI-2



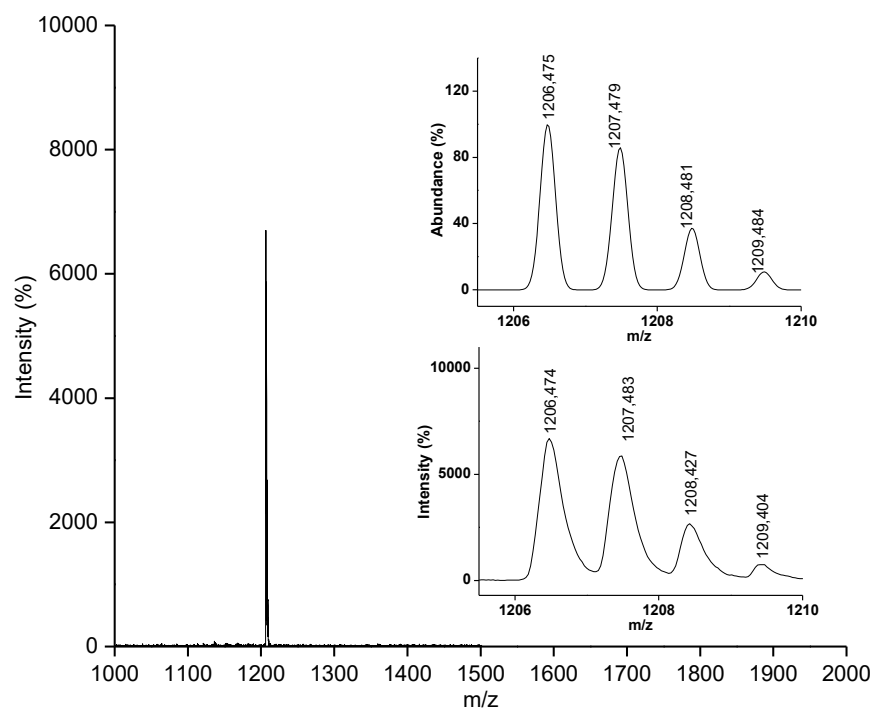


Figure S8: MALDI-TOF spectrum of PDI-6

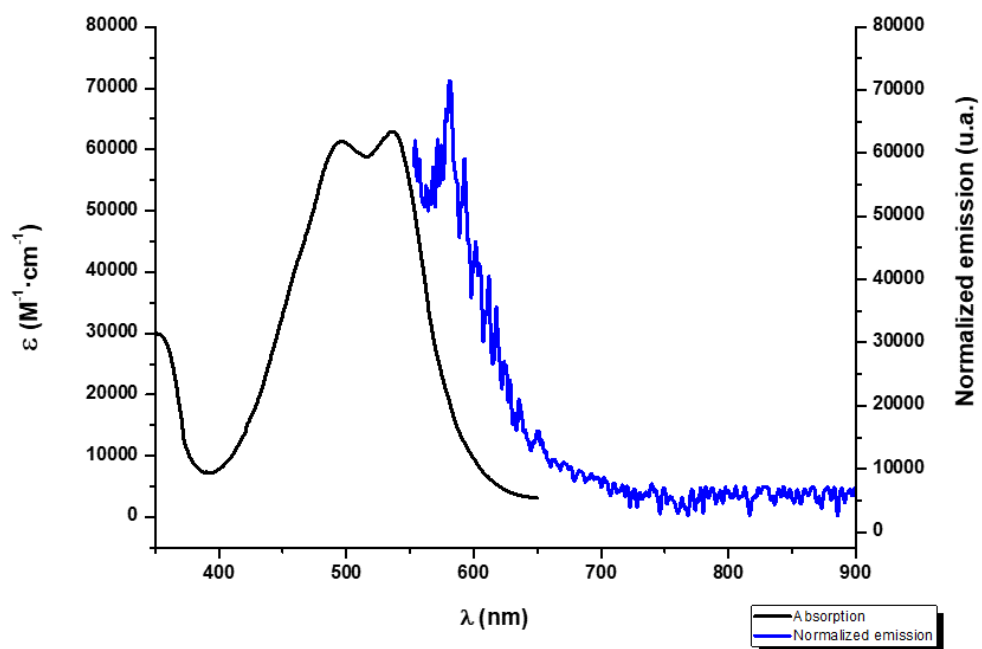


Figure S9: UV-Vis and fluorescence spectra of PDI-6

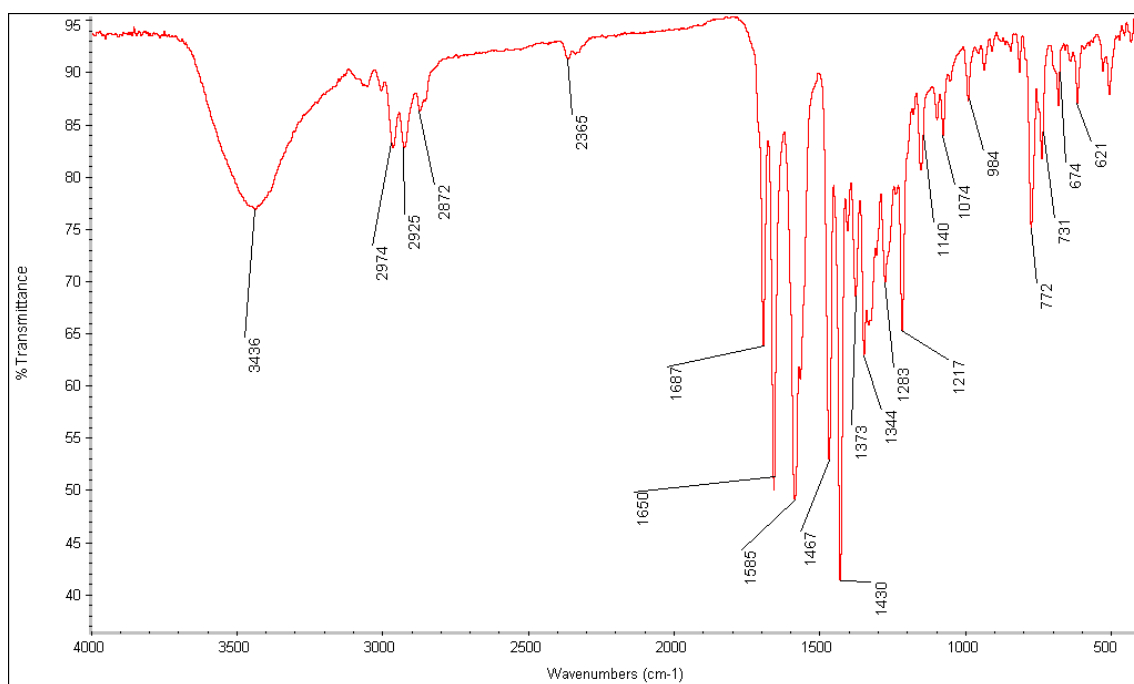


Figure S10: IR spectrum (KBr) of PDI-6

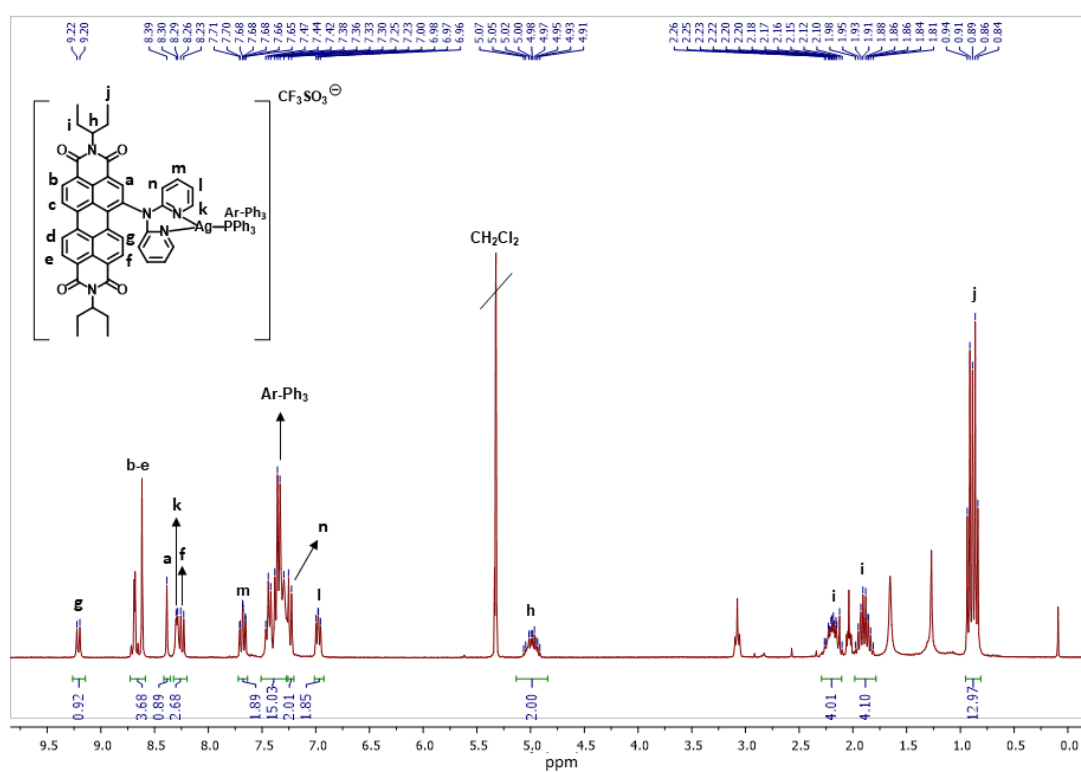


Figure S11: ¹H NMR spectrum of PDI-3 in CD₂Cl₂ (300 MHz, 25 °C)

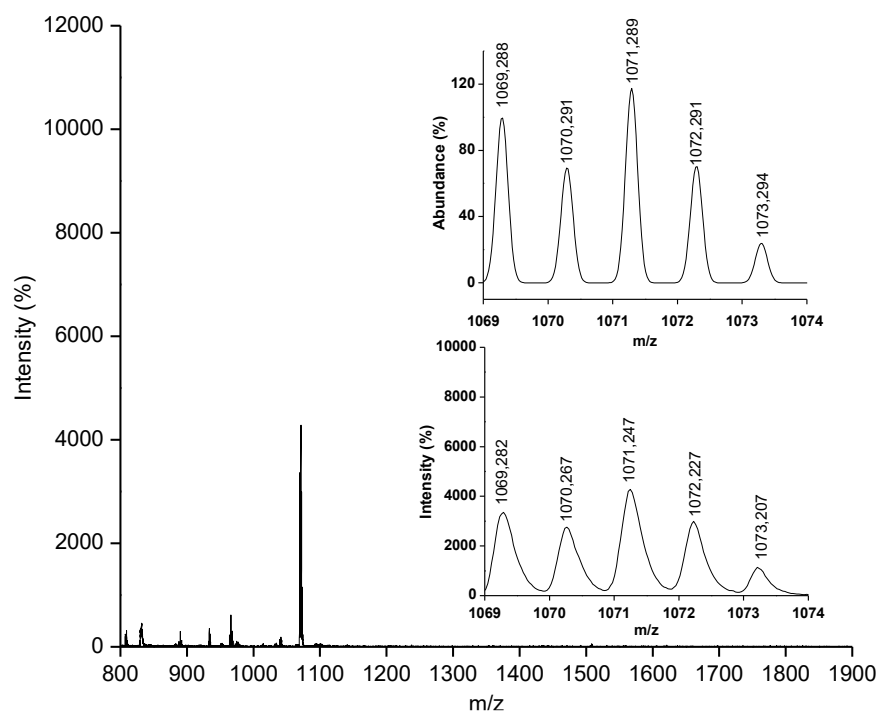


Figure S12: MALDI-TOF spectrum of PDI-3

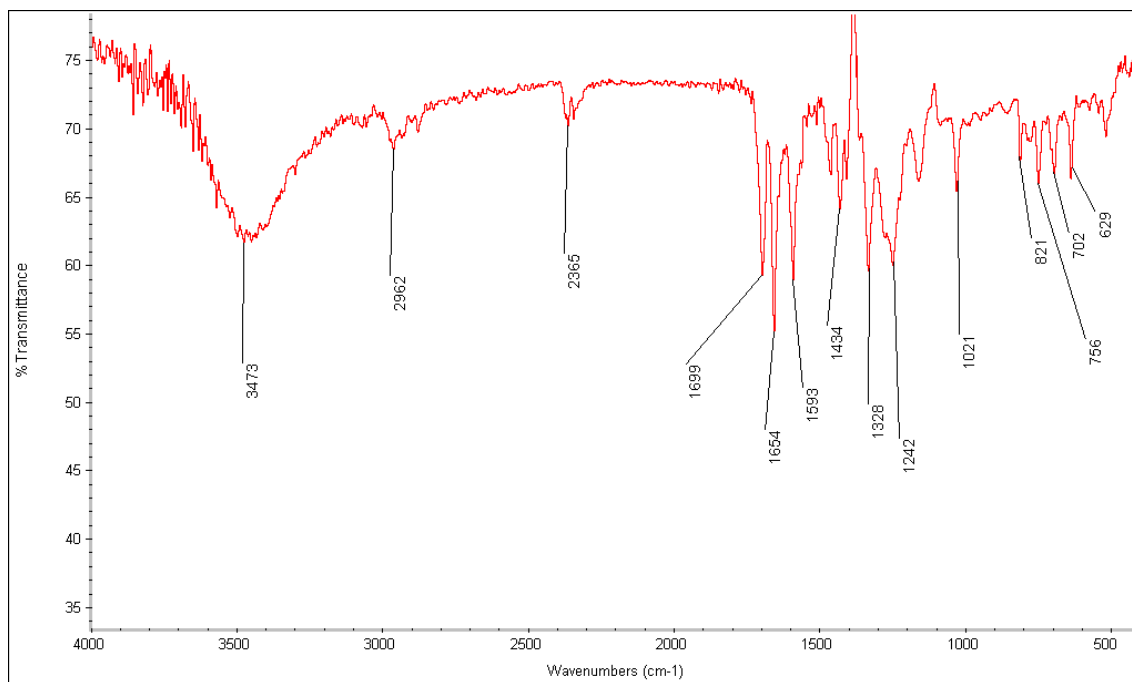


Figure S13: IR spectrum (KBr) of PDI-3



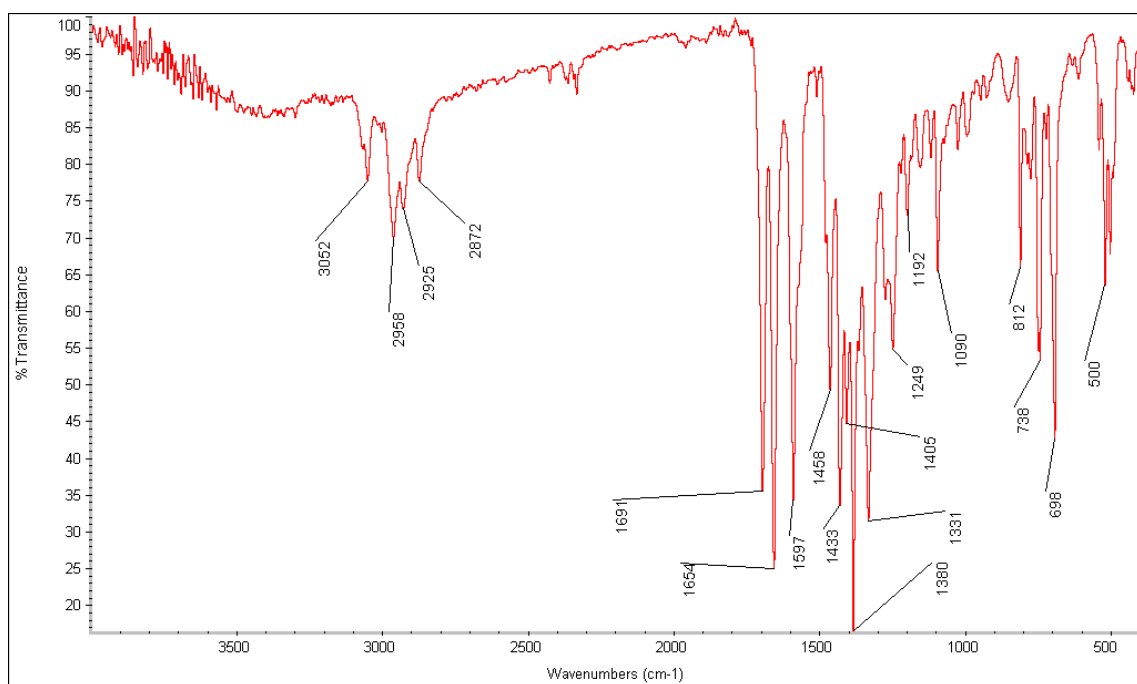


Figure S16: IR spectrum (KBr) of PDI-4

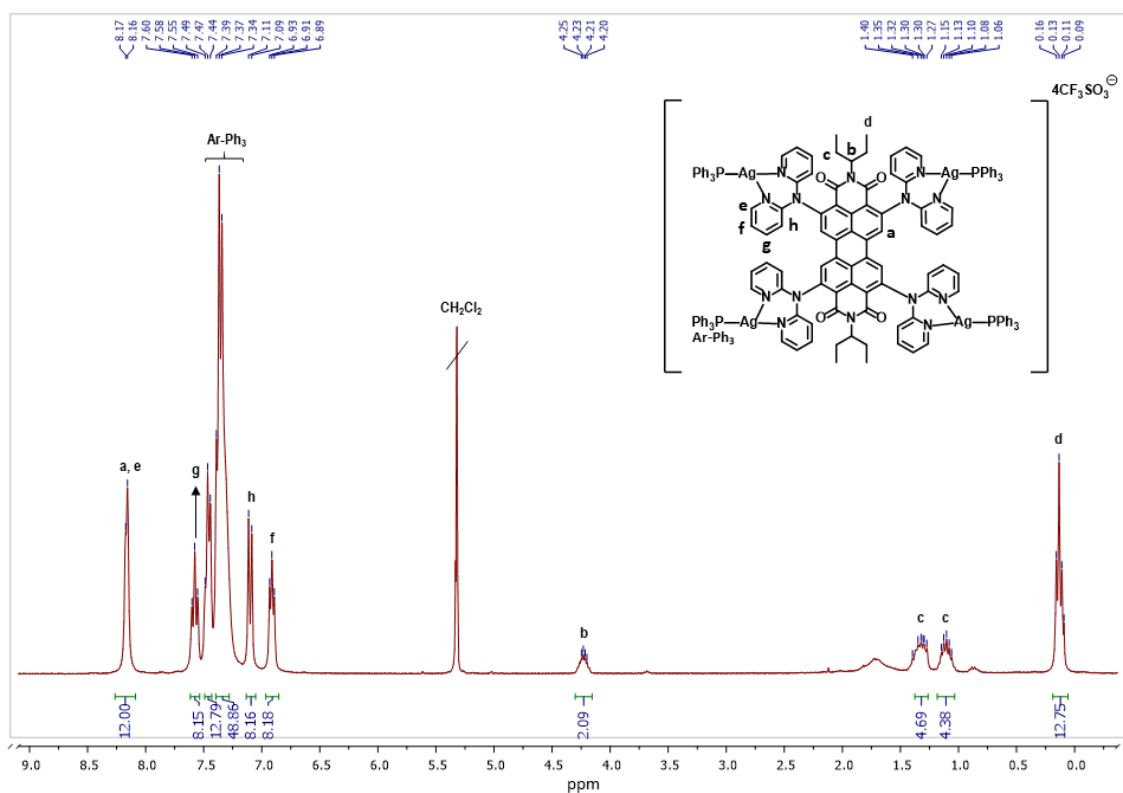


Figure S17: ¹H NMR spectrum of PDI-7 in CD₂Cl₂ (300 MHz, 25 °C)

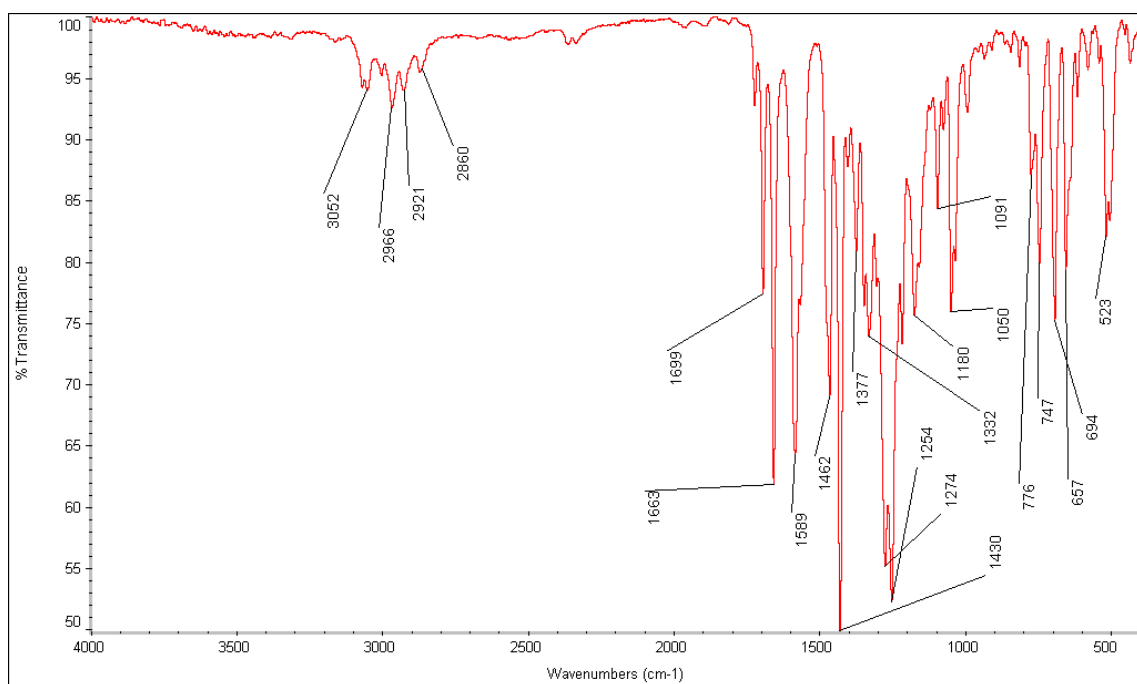


Figure S18: IR spectrum (KBr) of PDI-7

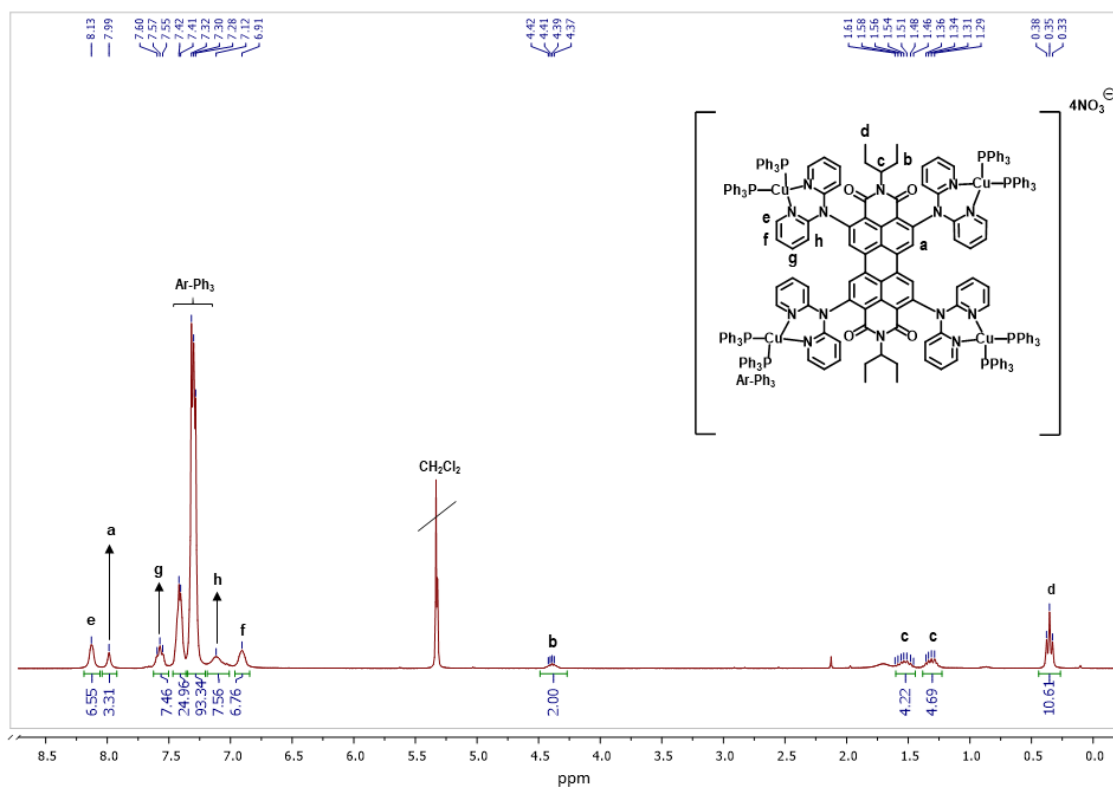


Figure S19: ^1H NMR spectrum of PDI-8 in CD_2Cl_2 (300 MHz, 25 °C)

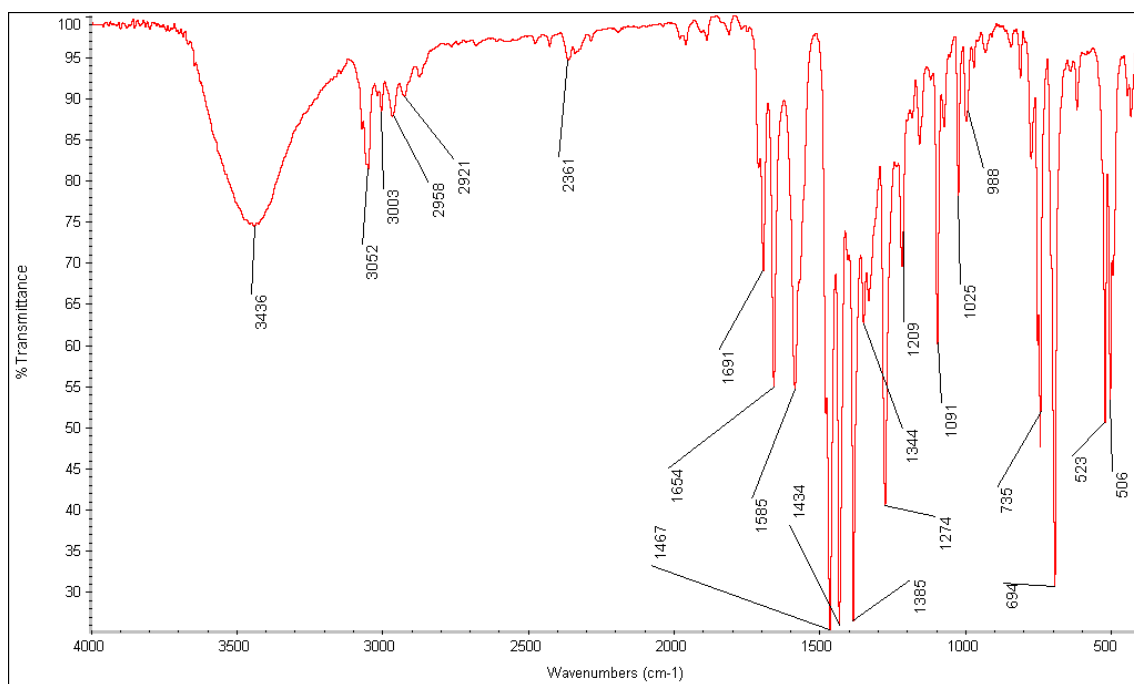


Figure S20: IR spectrum (KBr) of PDI-8

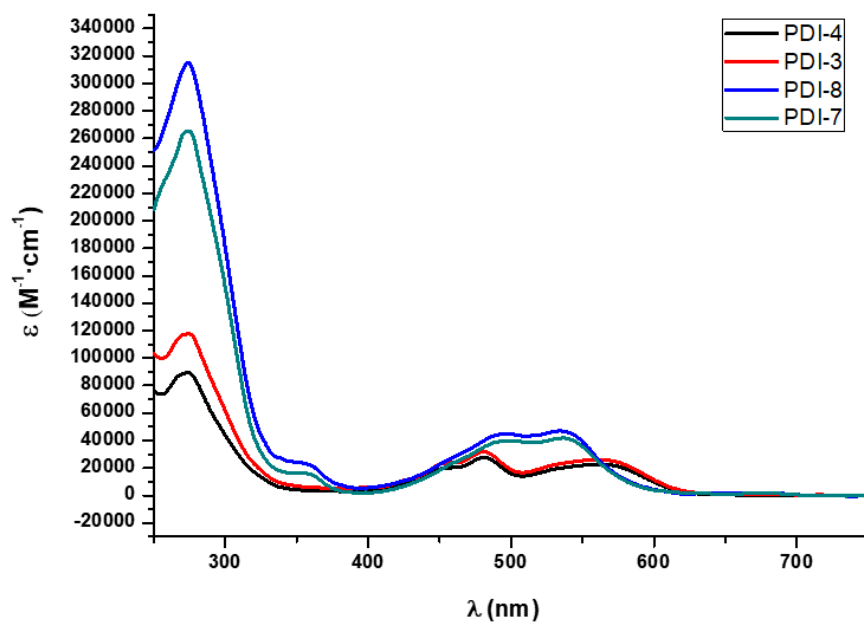


Figure S21: UV-Vis spectra of PDI-complexes (CHCl_3)

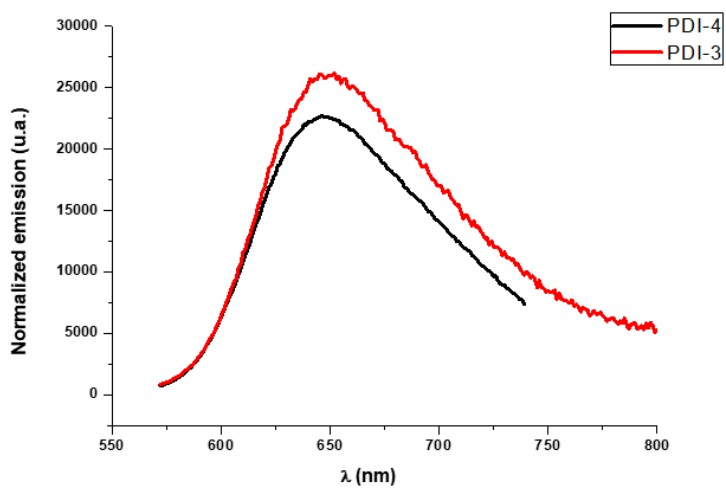


Figure S22: Fluorescence spectra of PDI-3 and PDI-4 (CHCl_3)

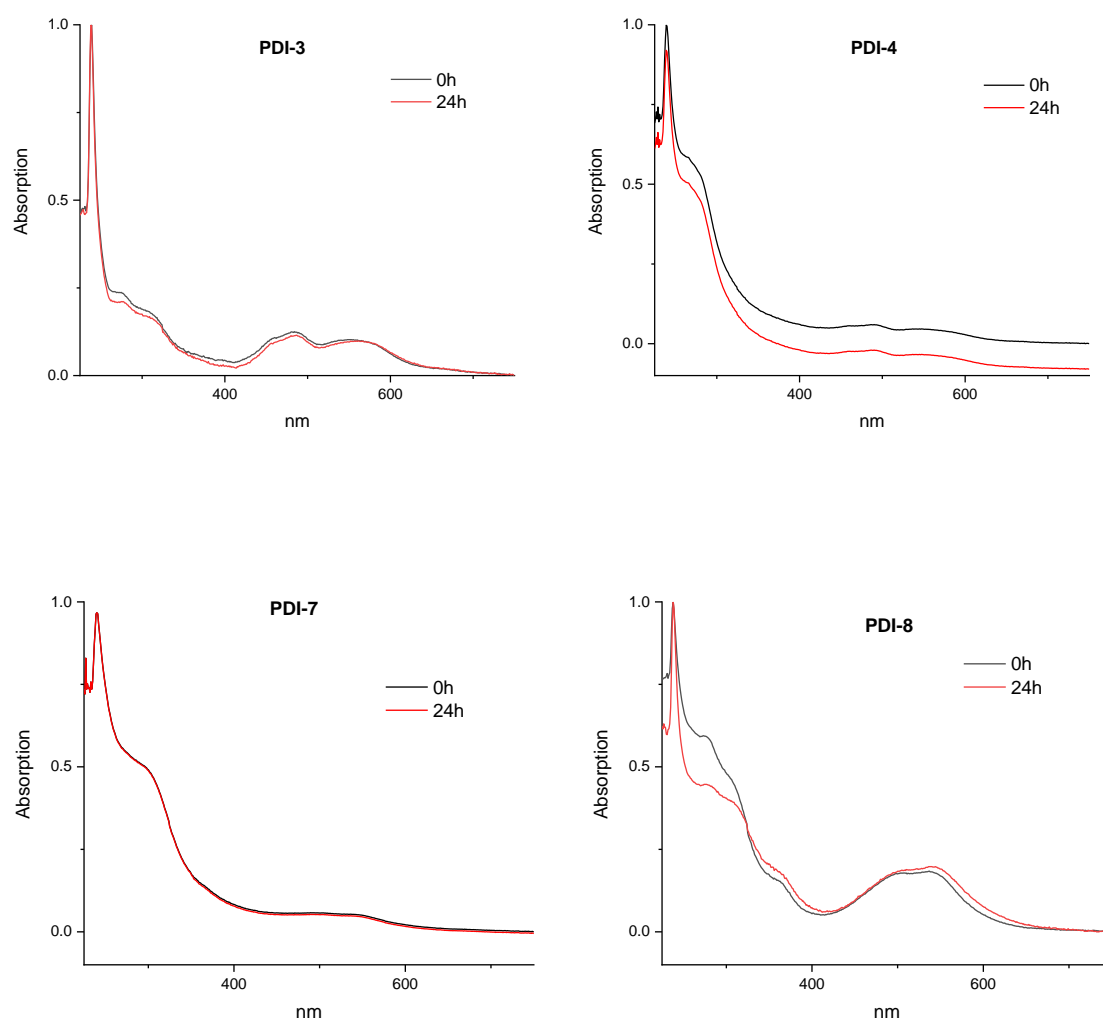
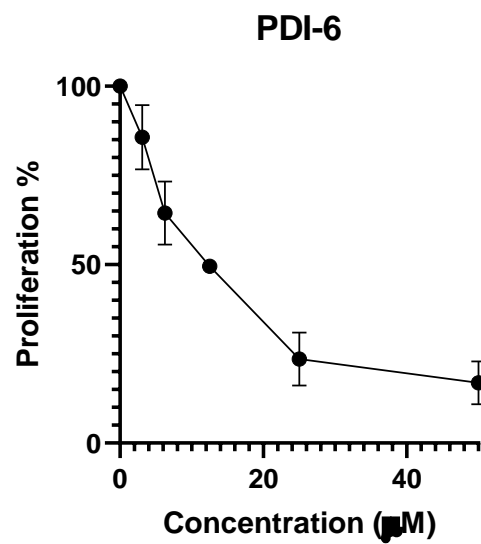
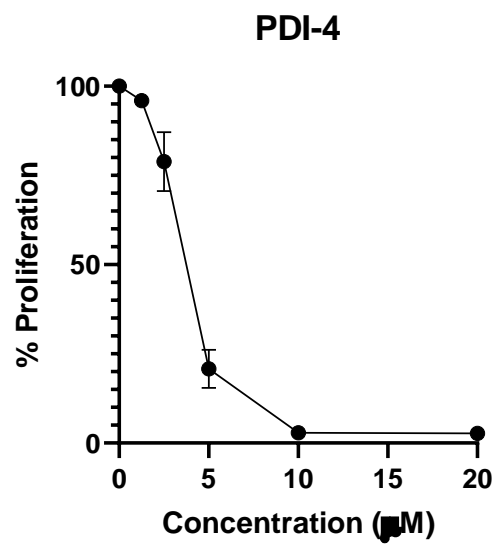
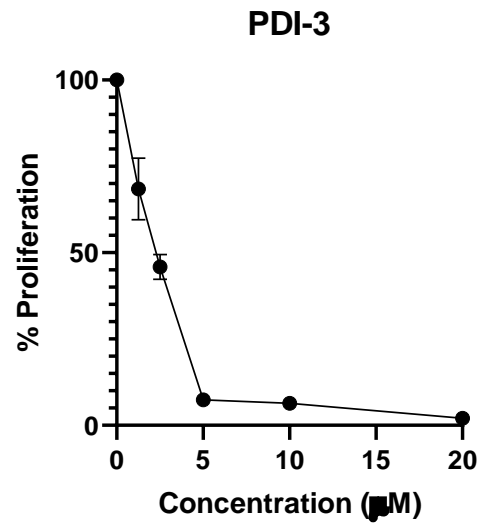
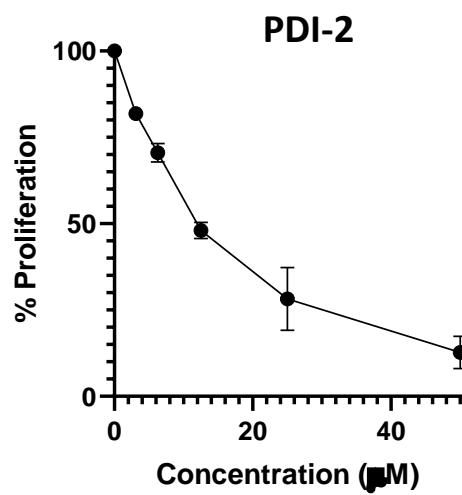


Figure S23: UV-Vis spectra of PDI-2, -3, -7, -8 in PBS solution + 5% DMSO at 37.5 °C, at 0 and 24 h (concentration $5 \cdot 10^{-4}$).



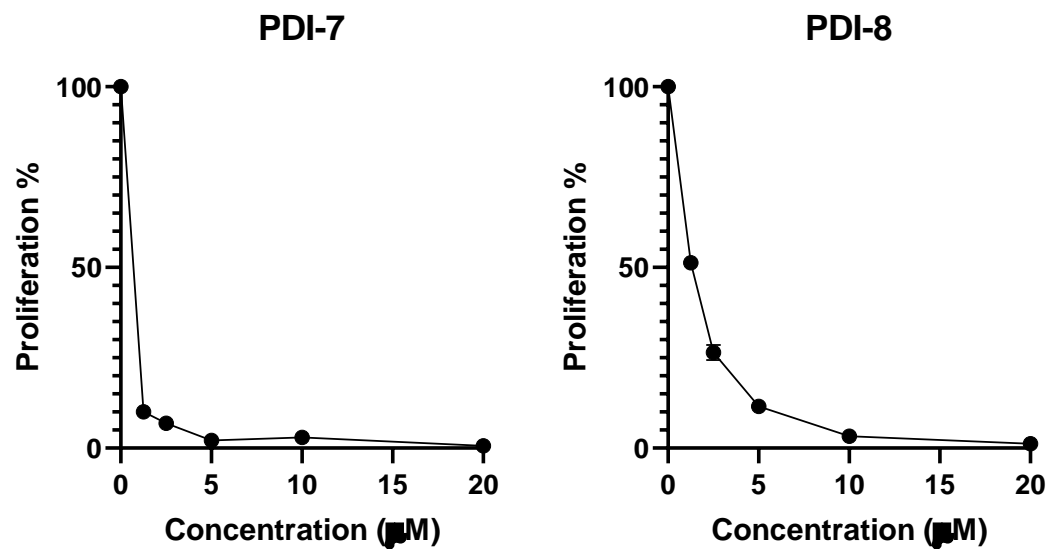


Figure S24: Dose-response curves of HeLa cells after incubation with cationic PDI-2, -3, -4, and PDI-6, -7, -8 for 24 hours.