

New highly fluorescent water soluble imidazolium-perylenediimides: Synthesis and cellular response

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Figure S1: ^1H NMR spectrum of PDI-3 in $\text{DMSO-}d_6$ (400 MHz, 25 $^\circ\text{C}$)

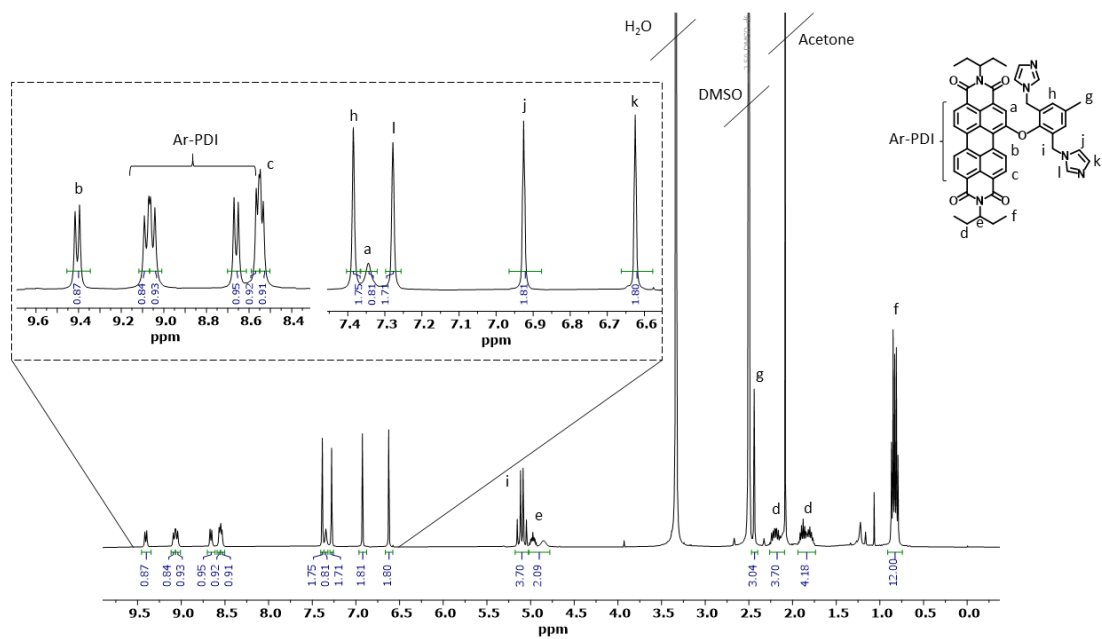


Figure S2: ^{13}C NMR spectrum of PDI-3 in $\text{DMSO-}d_6$ (100 MHz, 25 $^\circ\text{C}$)

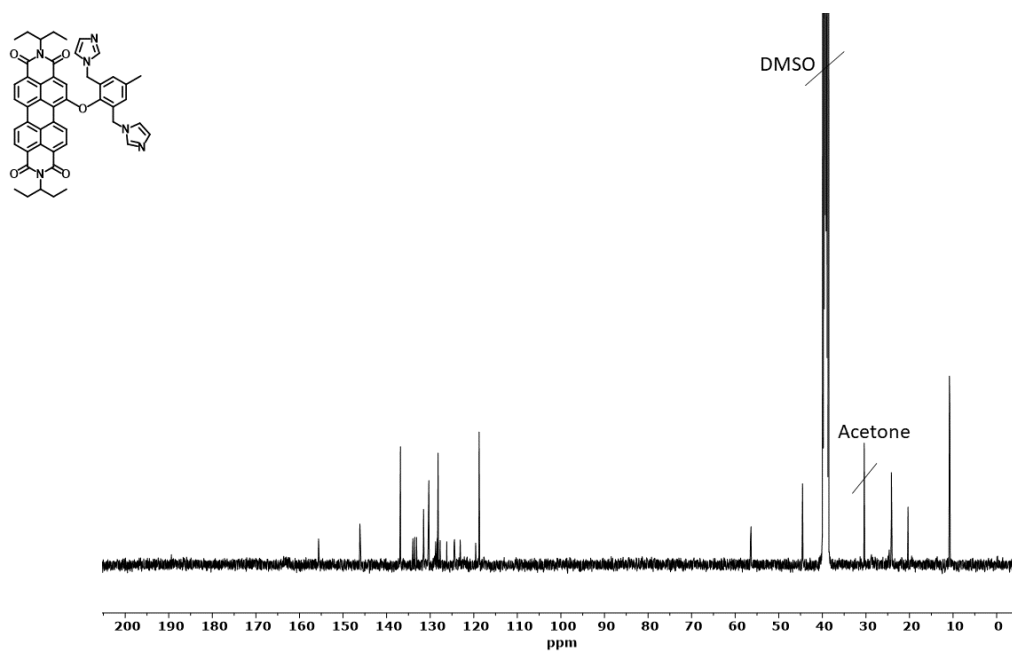


Figure S3: DEPT-135 spectrum of PDI-3 in DMSO-*d*₆ (100 MHz, 25 °C)

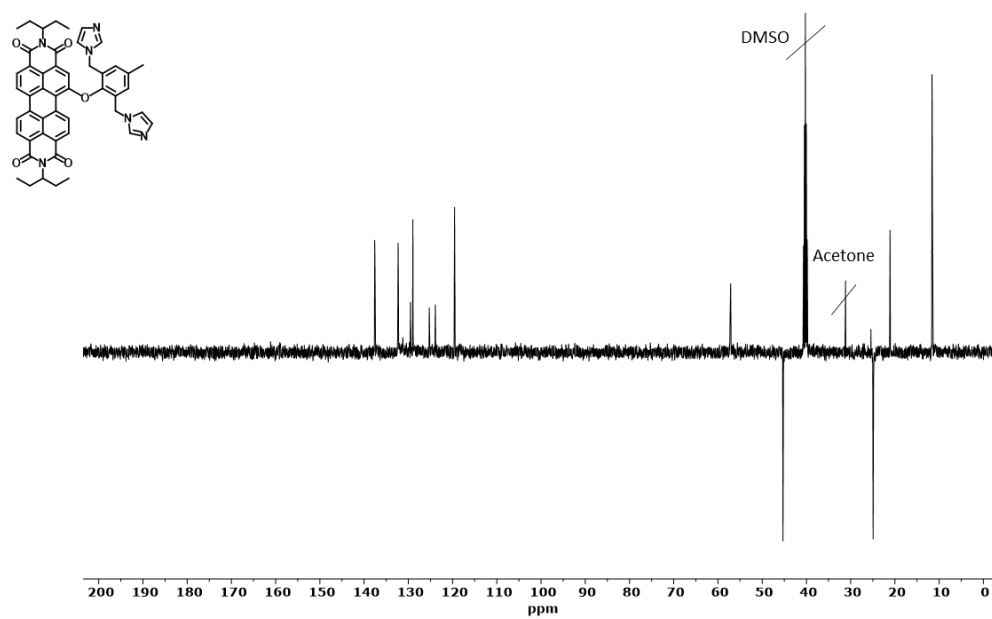


Figure S4: COSY spectrum of PDI-3 in DMSO-*d*₆ (400 MHz, 25 °C)

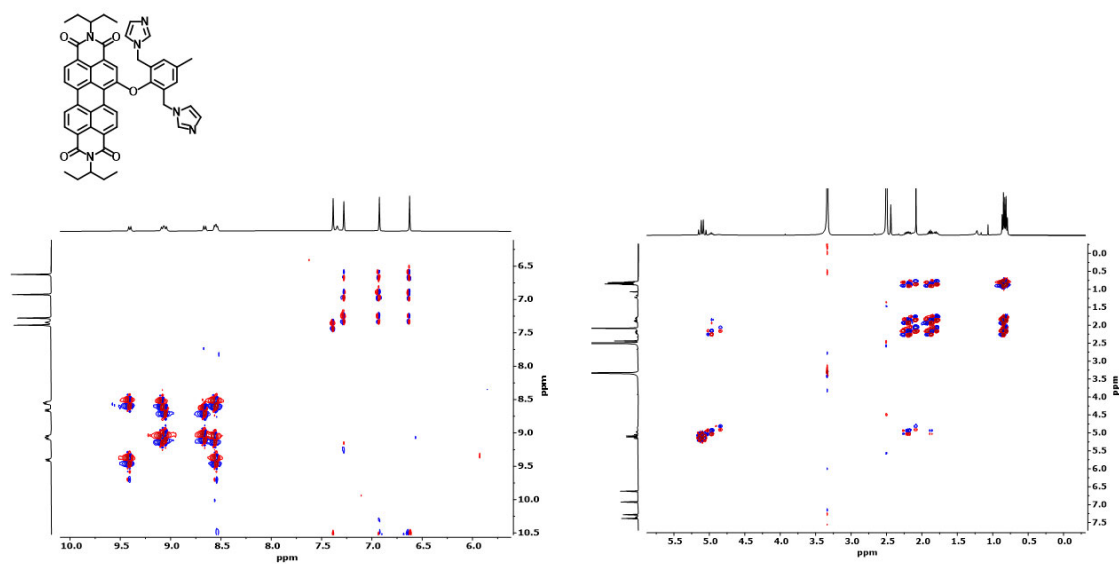


Figure S5: HSQC spectrum of PDI-3 in DMSO-*d*₆ (400 MHz, 25 °C)

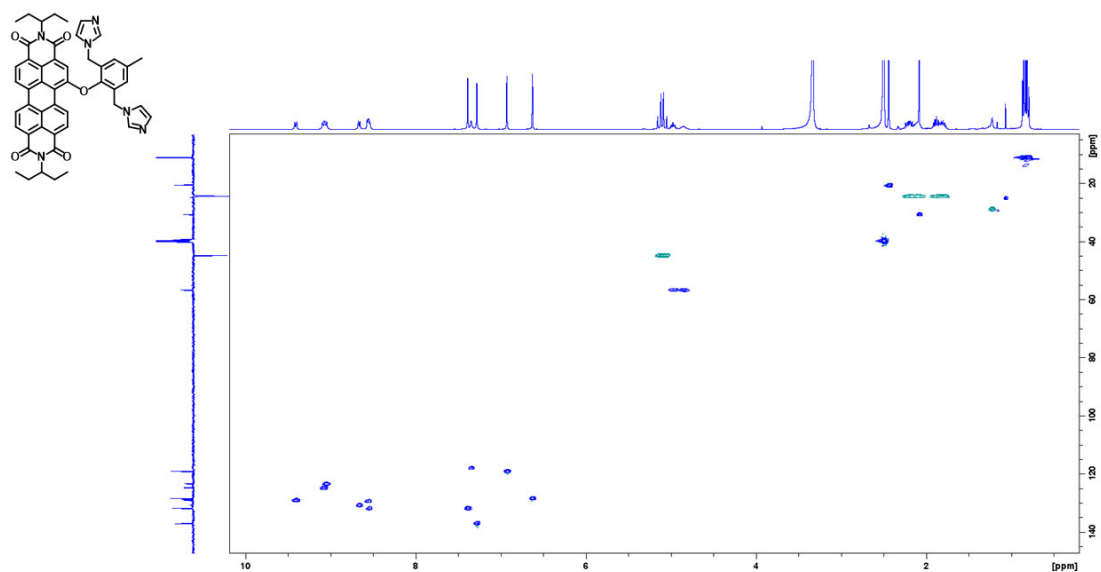


Figure S6: ¹H NMR spectrum of PDI-4 in DMSO-*d*₆ (400 MHz, 25 °C)

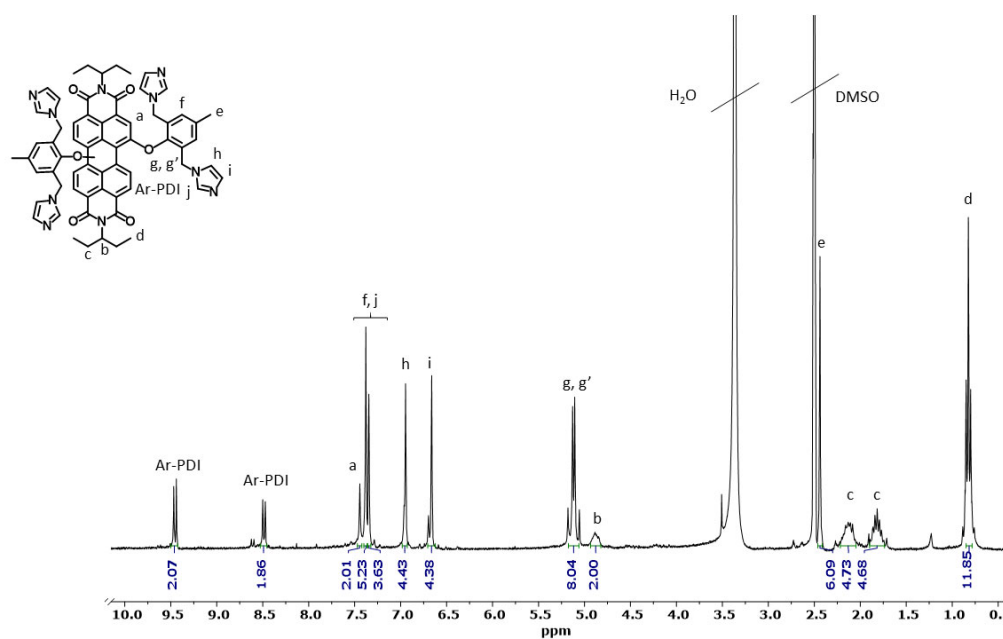


Figure S7: ^{13}C NMR spectrum of PDI-4 in CDCl_3 (100 MHz, 25 $^\circ\text{C}$)

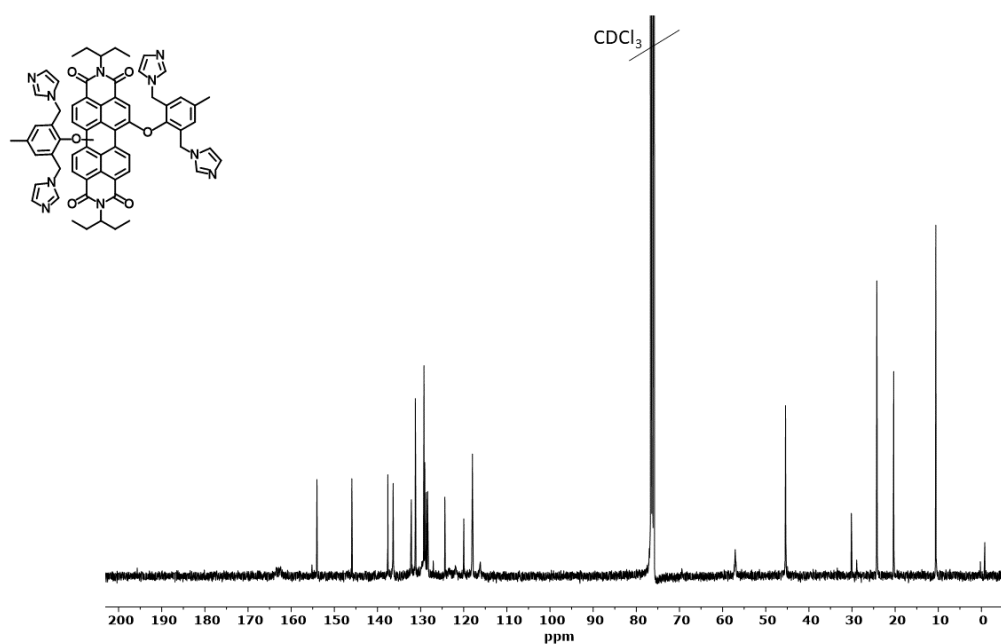


Figure S8: DEPT-135 spectrum of PDI-4 in CDCl_3 (100 MHz, 25 $^\circ\text{C}$)

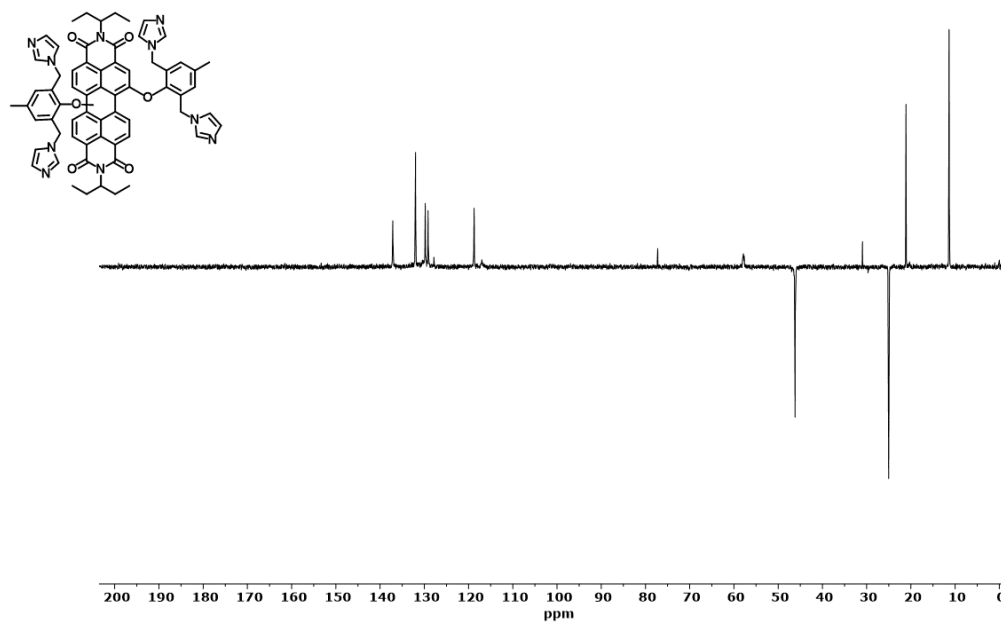


Figure S9: ^1H NMR spectrum of PDI-1 in $\text{DMSO}-d_6$ (400 MHz, 25 $^\circ\text{C}$)

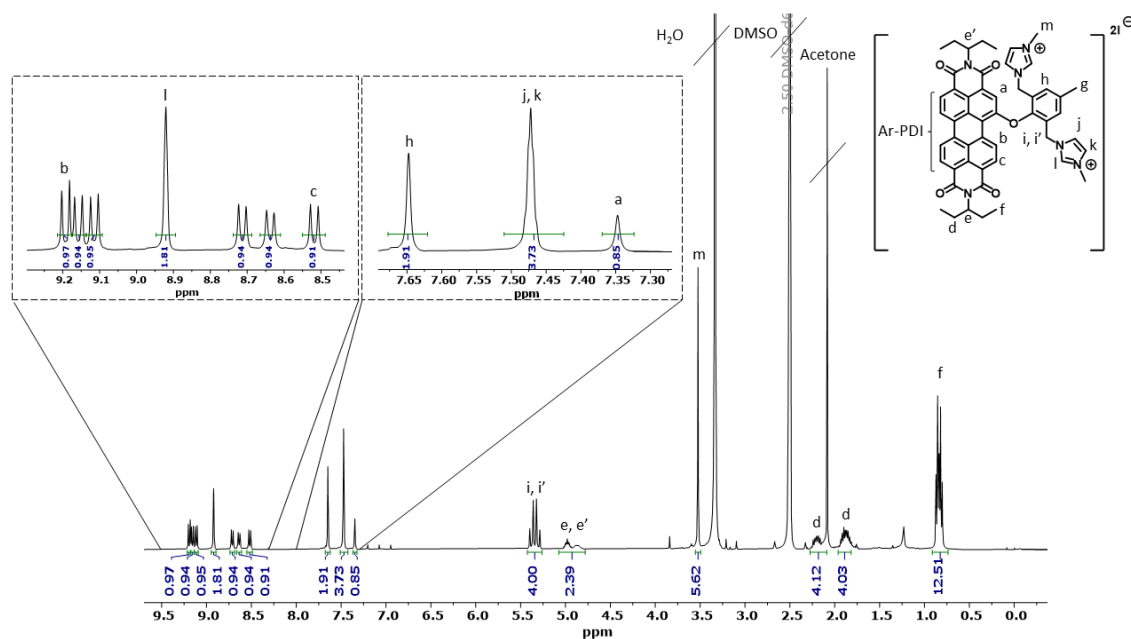


Figure S10: ^{13}C NMR spectrum of PDI-1 in $\text{DMSO}-d_6$ (100 MHz, 25 $^\circ\text{C}$)

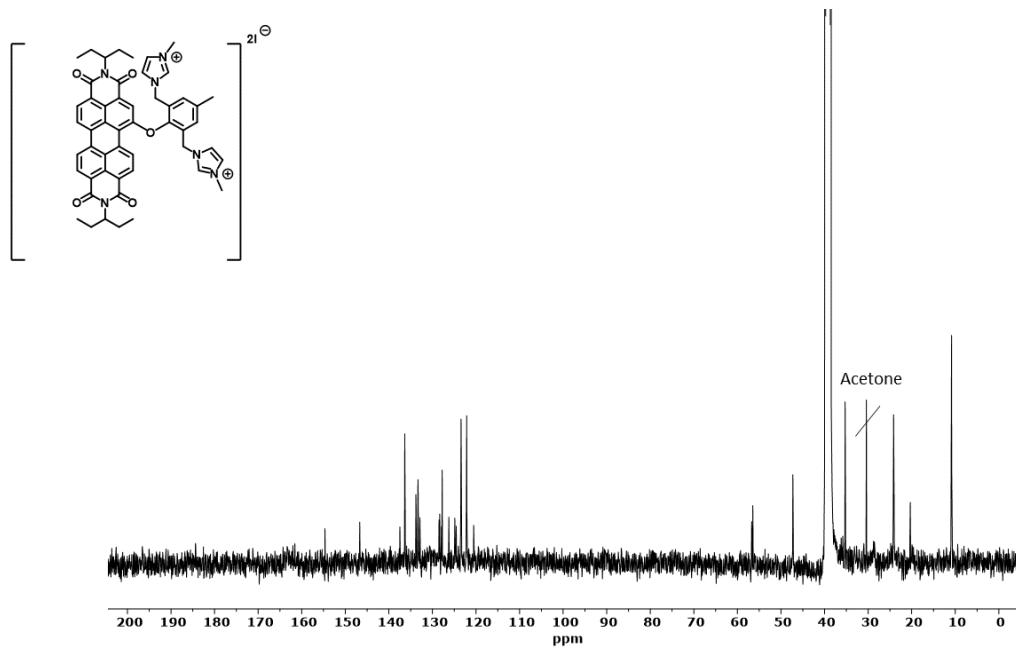


Figure S11: DEPT-135 spectrum of PDI-1 in DMSO- d_6 (100 MHz, 25 °C)

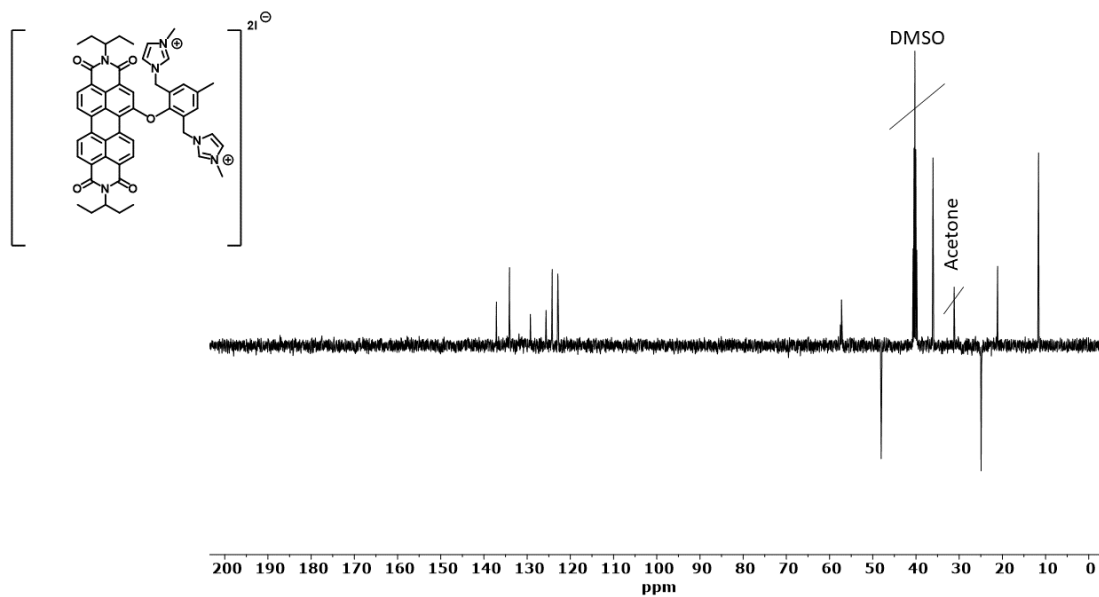


Figure S12: ^1H NMR spectrum of PDI-2 in DMSO- d_6 (400 MHz, 25 °C)

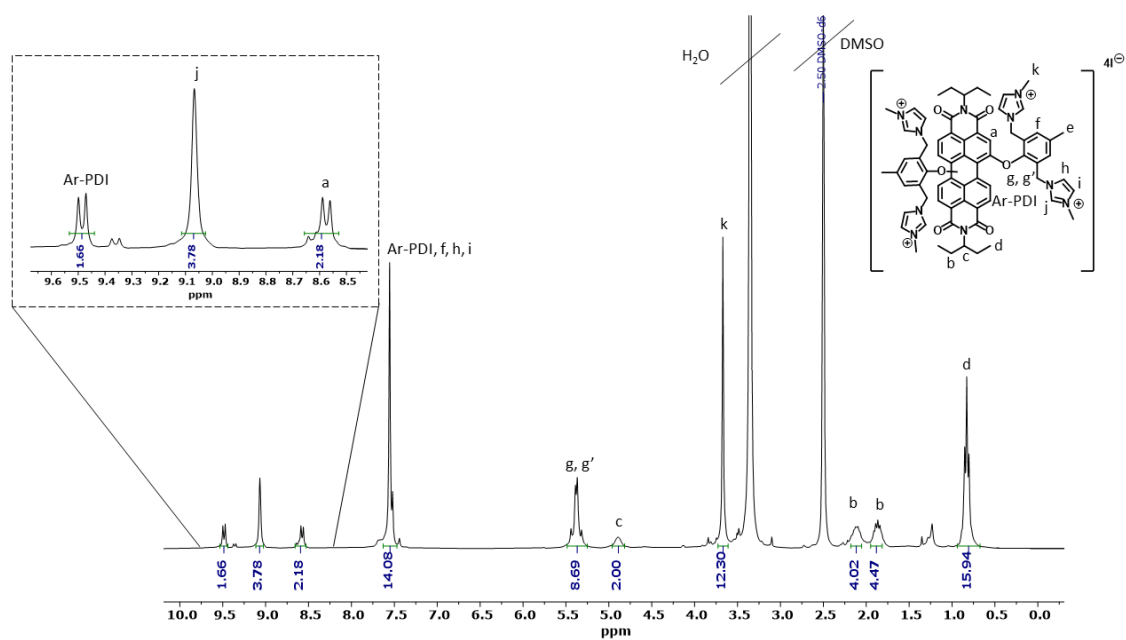


Figure S13: ^{13}C NMR spectrum of PDI-2 in $\text{DMSO-}d_6$ (100 MHz, 25 °C)

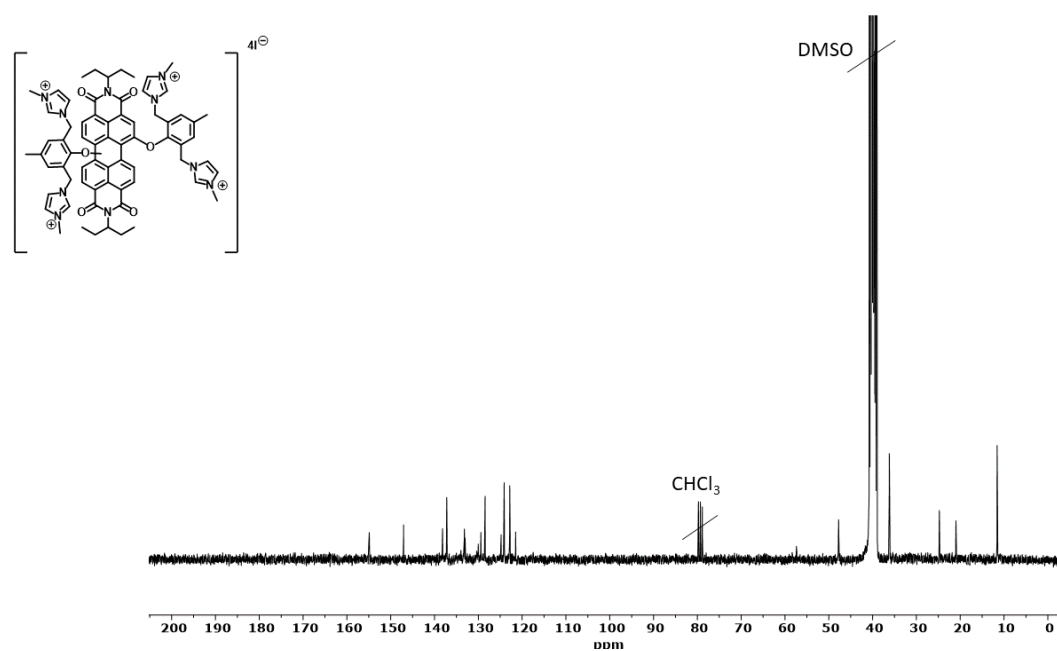


Figure S14: DEPT-135 spectrum of PDI-2 in $\text{DMSO-}d_6$ (100 MHz, 25 °C)

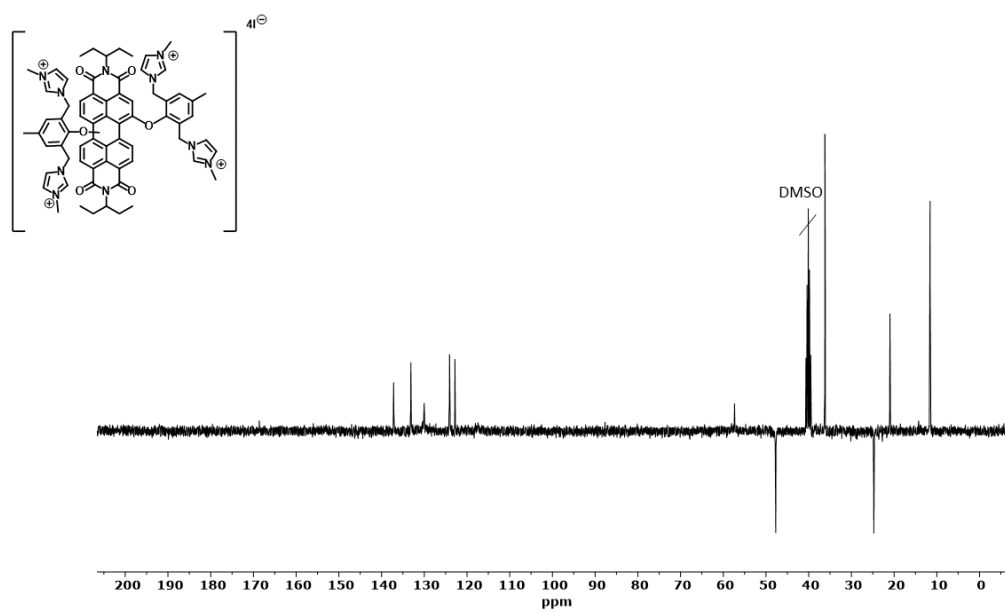


Figure S15: MALDI-TOF spectrum of PDI-3

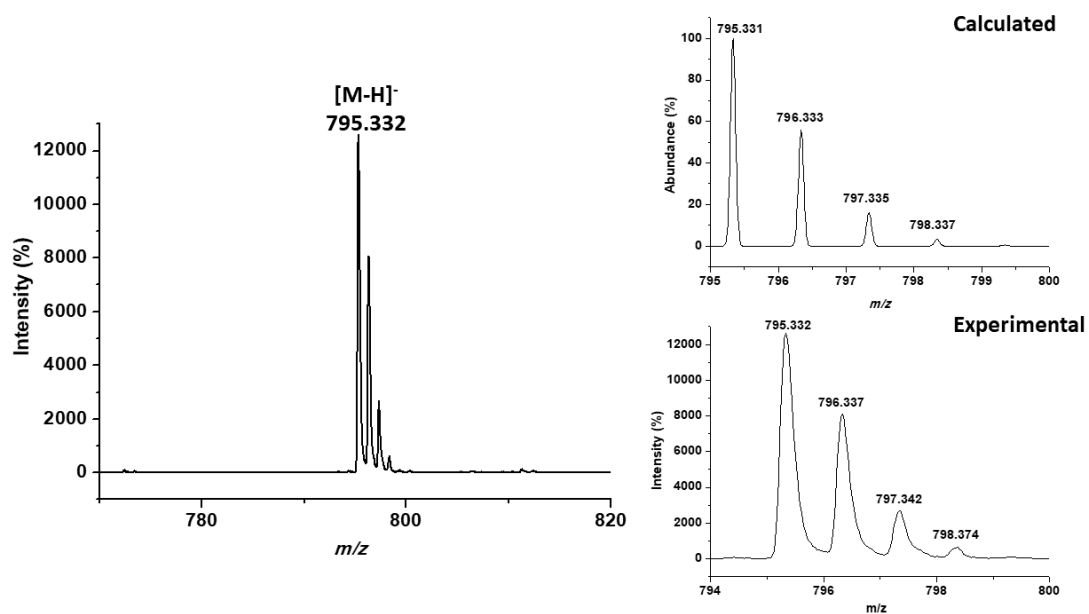


Figure S16: MALDI-TOF spectrum of PDI-4.

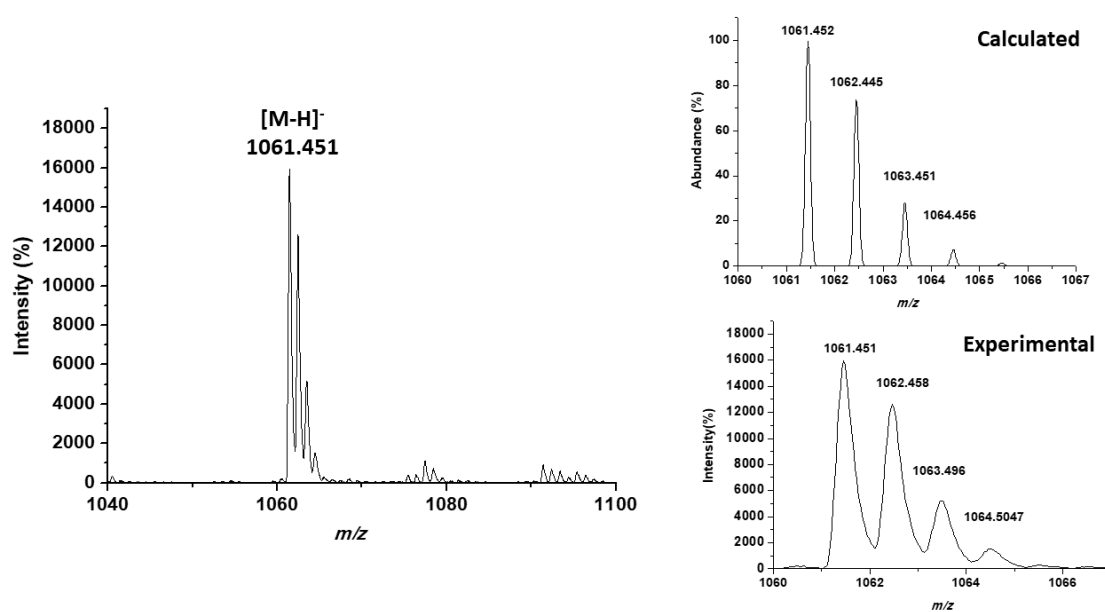


Figure S17 ESI spectrum of PDI-1.

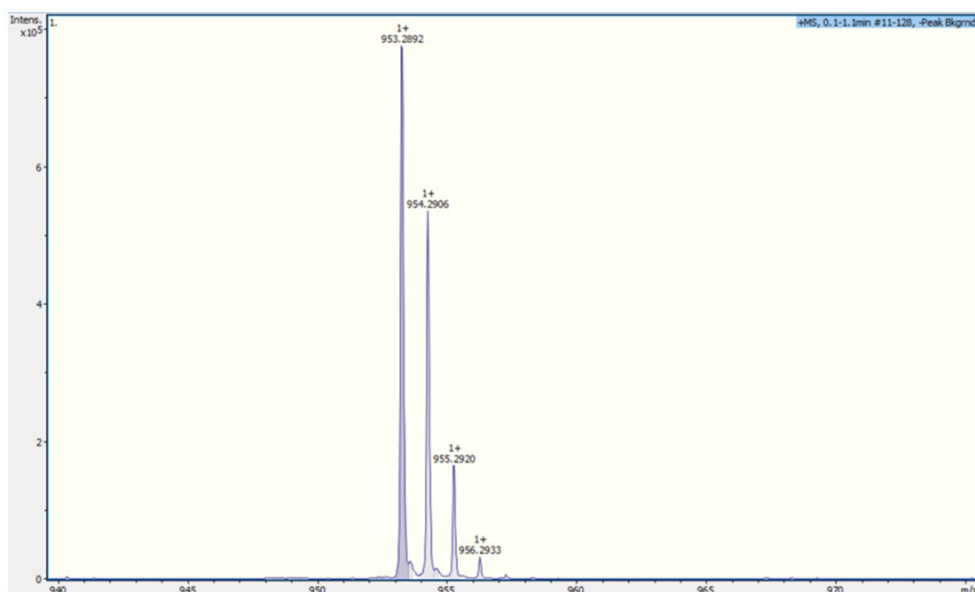


Figure S18: ESI spectrum of PDI-2

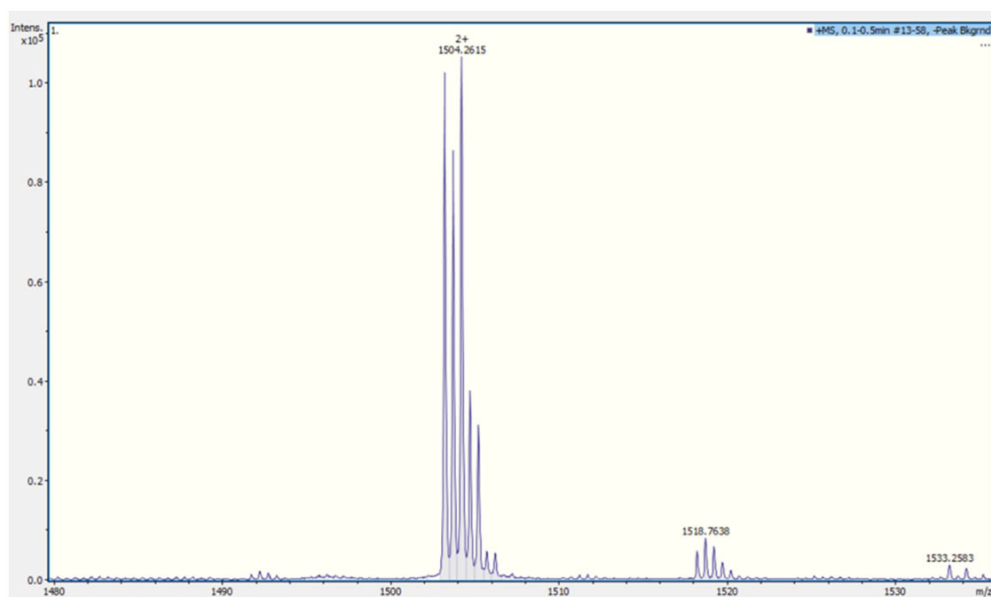


Figure S19: Fluorescence spectra after laser irradiation at 450 nm: PDI-1 in acetonitrile (blue line) and pure acetonitrile (green line)

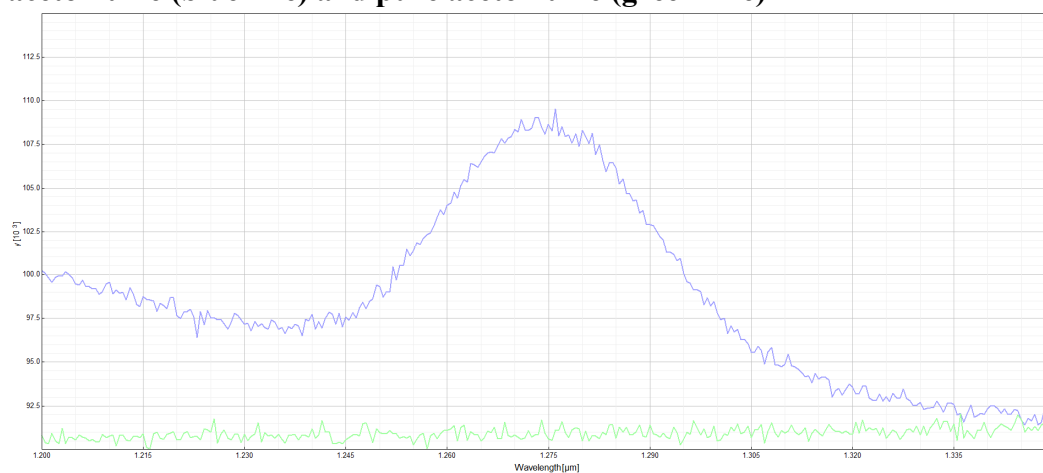


Figure S20: Fluorescence spectra after laser irradiation at 450 nm: PDI-2 in acetonitrile (green line) and pure acetonitrile (blue line)

