## **Supporting Information**

Synthesis Tluorescence Property and Cells Imaging of A Perylene Diimide-based NIR Fluorescent Probe for Hypochlorite with Dual-Emission Fluorescence Response

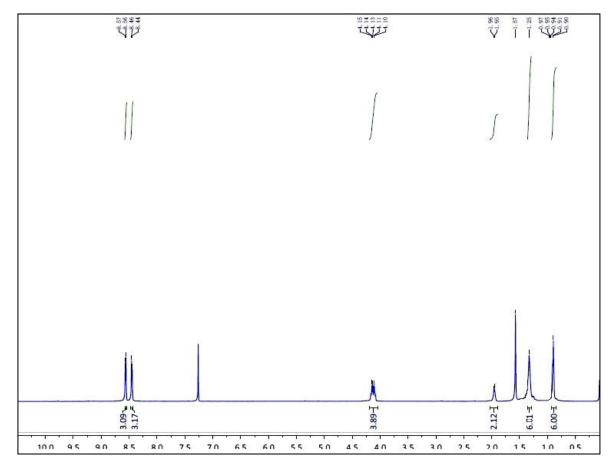


Fig. S1 <sup>1</sup>H NMR spectrum of compound PDI-S

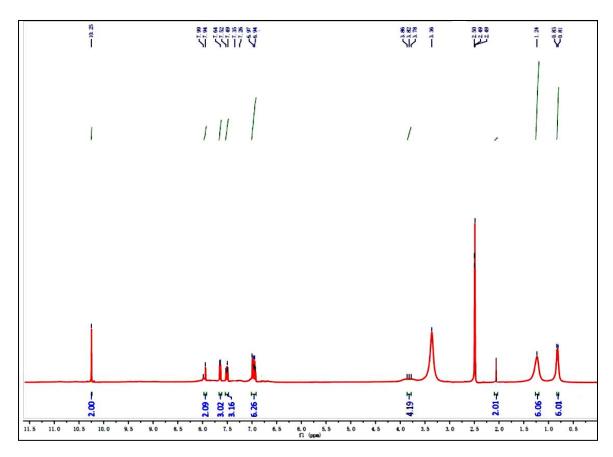


Fig. S2 <sup>1</sup>H NMR spectrum of compound PDI-Y

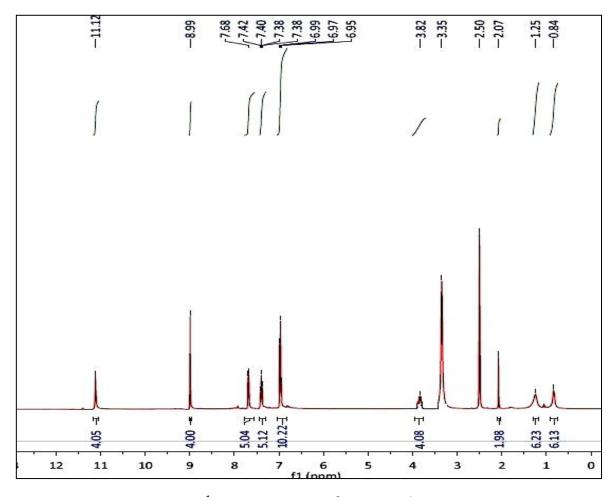


Fig. S3 <sup>1</sup>H NMR spectrum of compound PDI-SY

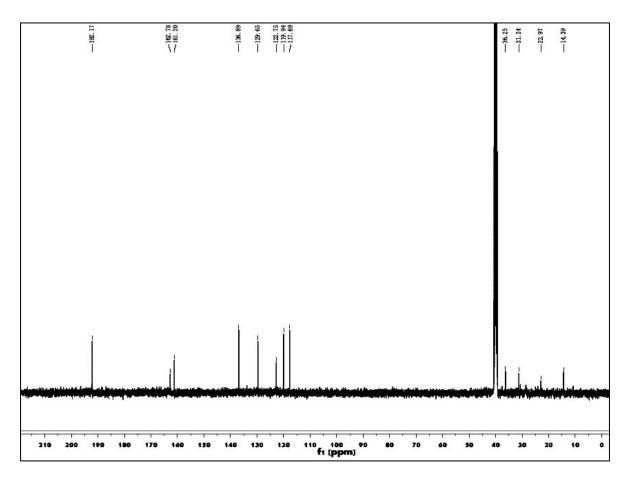


Fig. S4  $^{13}$ C NMR spectrum of compound PDI-SY

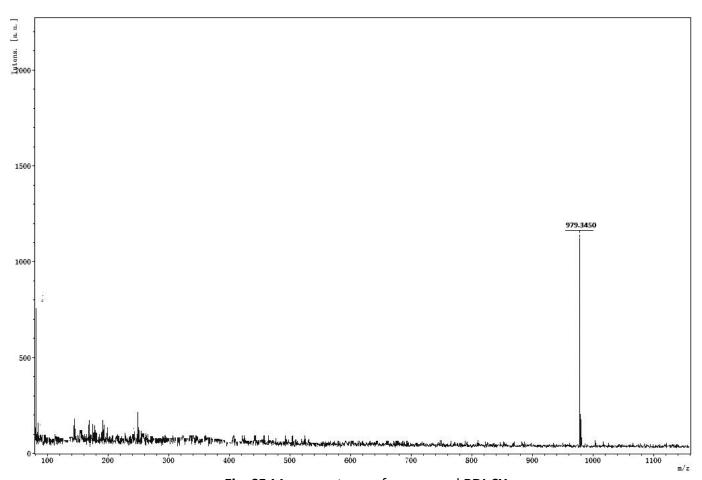


Fig. S5 Mass spectrum of compound PDI-SY

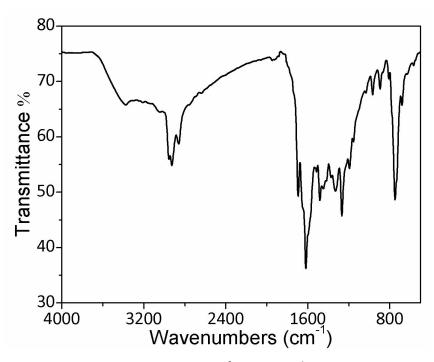


Fig. S6 FT-IR spectra of compound PDI-SY