

A novel ruthenium photosensitizer for Golgi apparatus *in vitro* targeted photodynamic applications

Supporting Information

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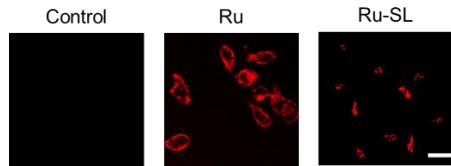


Fig. S1 Confocal fluorescence images of HeLa cells (without NBD tracker) incubated with Ru (10 μ M) and Ru-SL (10 μ M) at 37 °C for 2 h, without Ru or Ru-SL as a control, $\lambda_{ex} = 488$ nm. Scale bar is 10 μ m.

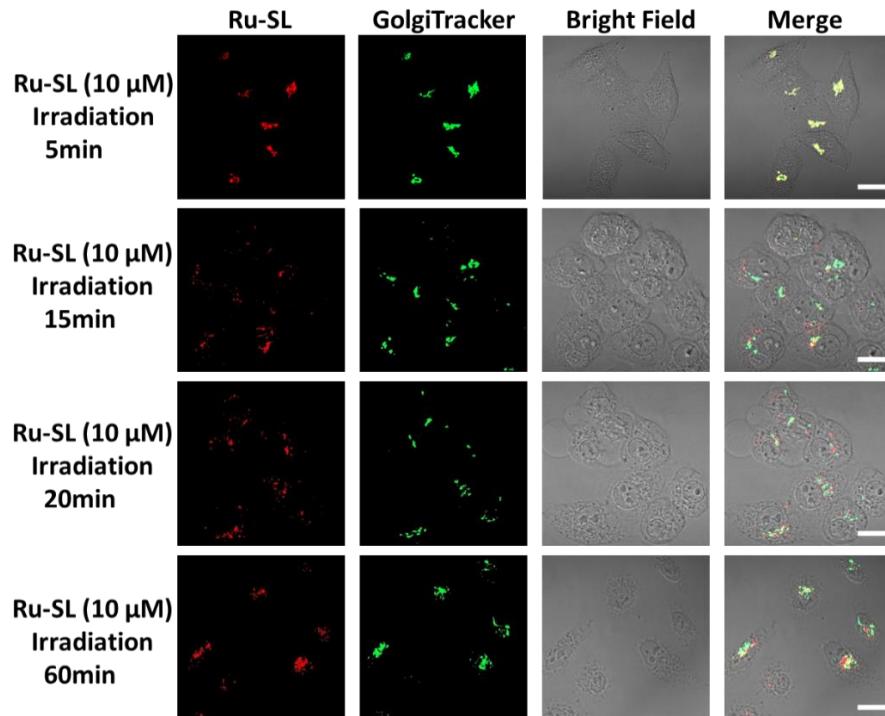


Fig. S2 Confocal fluorescence images of HeLa cells after incubation with Ru-SL complex (10 μ M) for 2 h after white light irradiation at different time (5.67 mW/cm 2). $\lambda_{ex} = 488$ nm. Scale bars = 5 μ m.

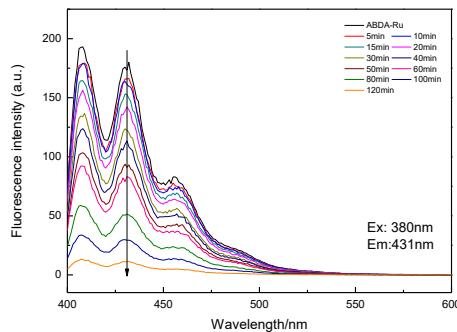


Fig. S3 Fluorescence spectra of adding Ru-SL complex (5 μ M) into ABDA (30 μ M, PBS, pH 7.2), $\lambda_{ex} = 380$ nm.

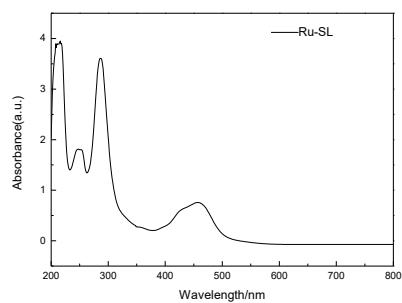


Fig. S4 Absorption spectra of Ru-SL complex (5 μ M, PBS, PH 7.2).

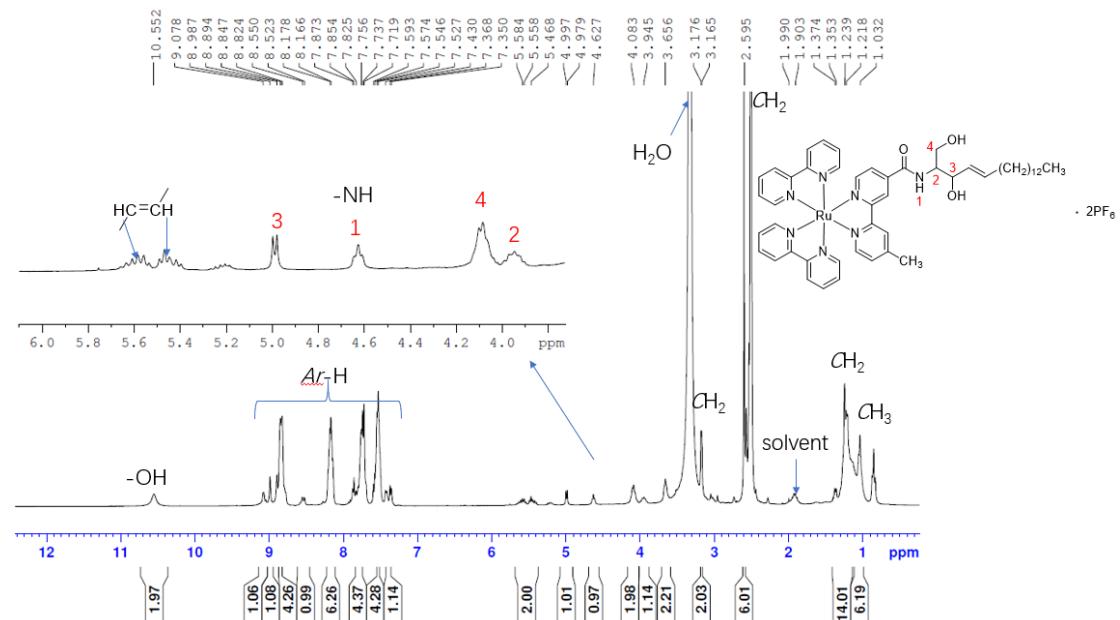


Fig. S5 ^1H NMR (300 MHz, DMSO-d6) spectrum of Ru-SL.

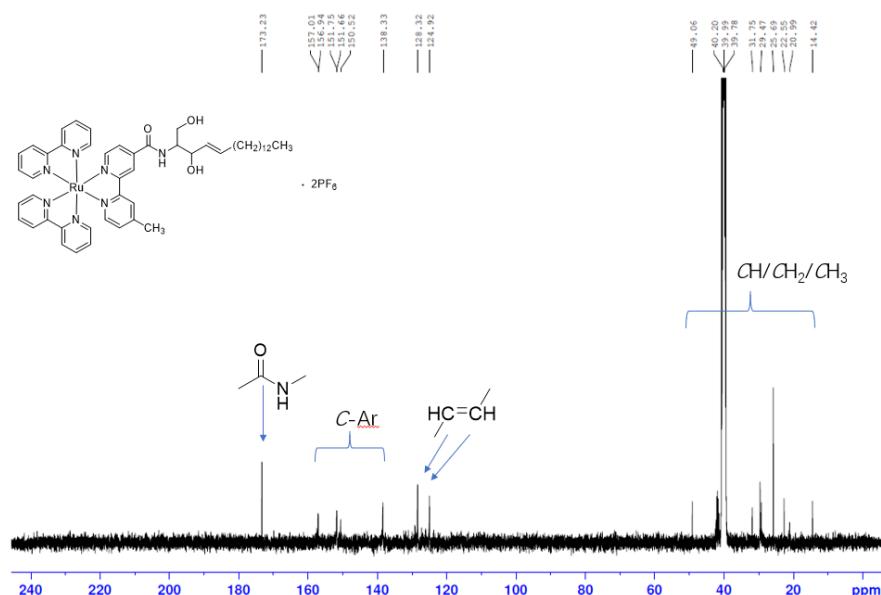


Fig. S6 ^{13}C NMR (101 MHz, DMSO-d6) spectrum of Ru-SL.

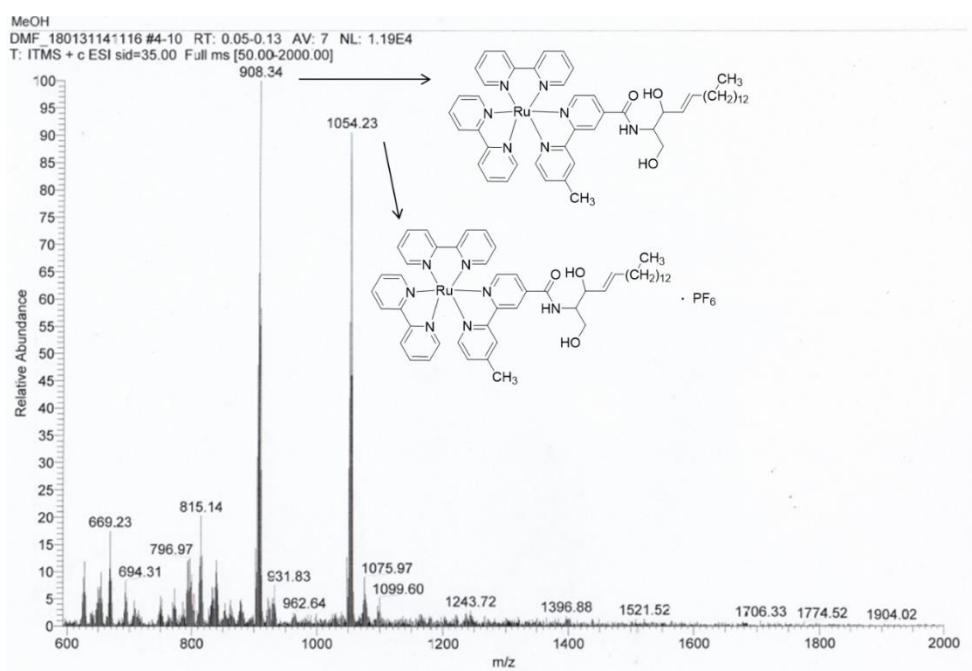


Fig. S7 Mass spectrometry (ESI) of Ru-SL.