Electronic Supplementary Information (ESI) for

Anthraquinone-Bridged Diruthenium(II) Complexes Inhibit Migration and Invasion of Human Hepatocarcinoma MHCC97-H Cells

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Scheme S1 The synthetic routes of Ru1-Ru4.



Fig. S1 ES-MS spectrum and ¹H NMR spectrum of Ru1.



Fig. S2 The UV–Vis spectra of Ru1 (20 μ M) in phosphate buffer solution.



Fig. S3 The infrared spectra of Ru1.



Fig. S4 ES-MS spectrum and ¹H NMR spectrum of Ru2.



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Fig. S13 Cyclic voltammogram of Ru1 (a), Ru2 (b), Ru3 (c) and Ru4 (d).



Fig. S14 Concentration-dependent wound closure in MHCC97-H cells after 24 h of incubation with **Ru1-Ru4**. Cell migration was quantified and expressed on 100% (% of control).. Each bar represents the mean \pm S.D. calculated from three independent experiments. * = P < 0.05, ** = P < 0.01, compared with the control group.



Fig. S15 The cytoskeleton images of MHCC97-H cells treated without or with **Ru2**, **Ru3**, and **Ru4** for 24 h. Scale bar: 20 μm for atomic force microscope and 50 μm for confocal microscope.