

Supplementary information

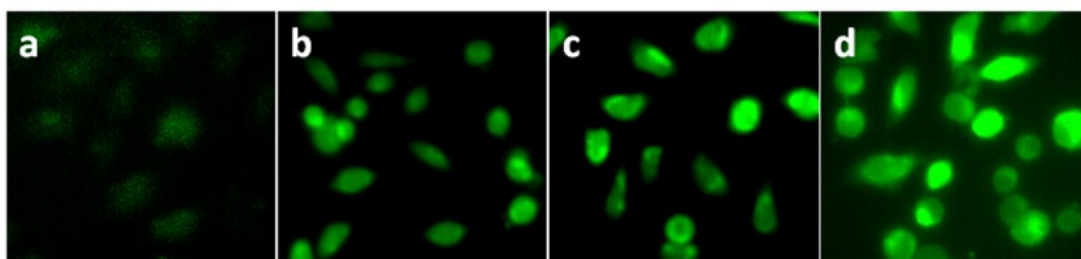


Fig. S1 Intracellular ROS was detected in SGC-7901 cells (a) exposure to 2.0 μM of **1** (b), 0.3 μM of **2** (c) and **3** (d) for 24 h.

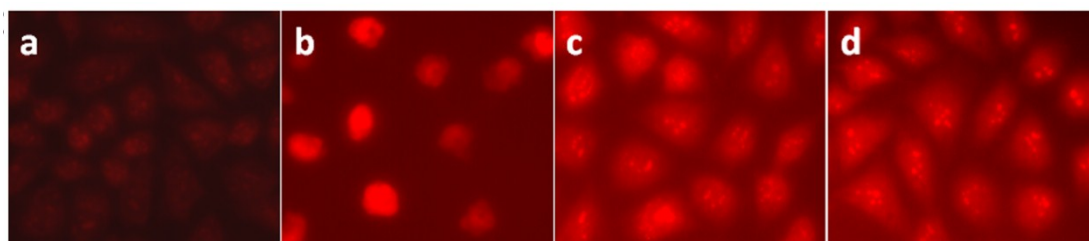


Fig. S2 Superoxide anion $\text{O}_2^{\bullet-}$ was detected in SGC-7901 cells (a) exposure to 2.0 μM of **1** (b), 0.3 μM of **2** (c) and **3** (d) for 24 h.

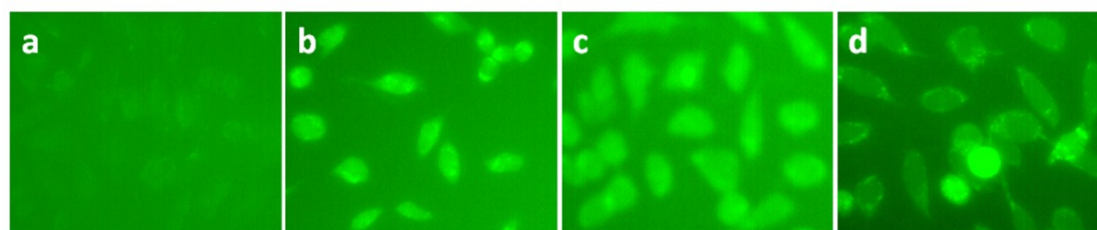


Fig. S3 Intracellular nitric oxide was detected in SGC-7901 cells (a) exposure to 2.0 μM of **1** (b), 0.3 μM of **2** (c) and **3** (d) for 24 h.

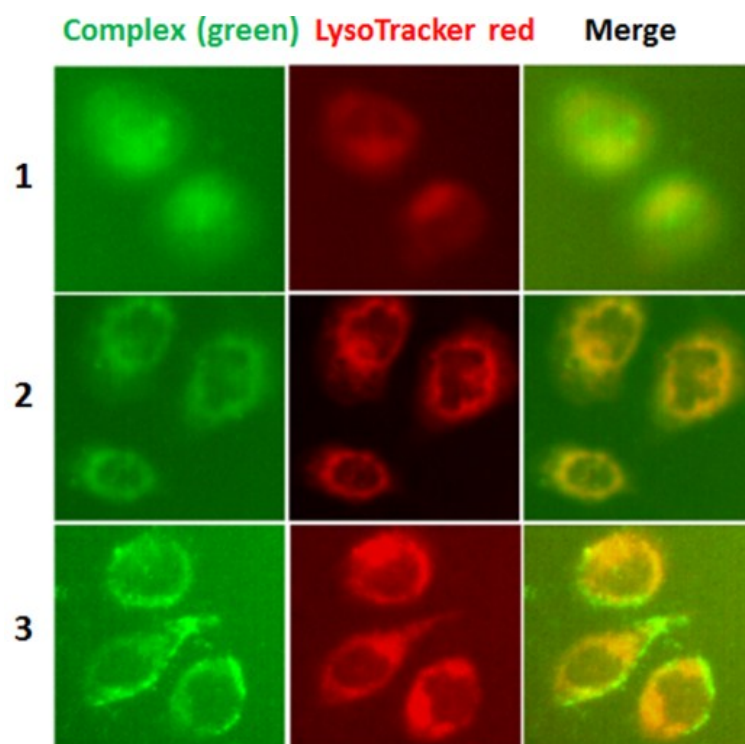


Fig. S4 The location assays of SGC-7901 exposure to 2.0 μ M of **1** (b), 0.3 μ M of **2** (c) and **3** (d) for 4 h.

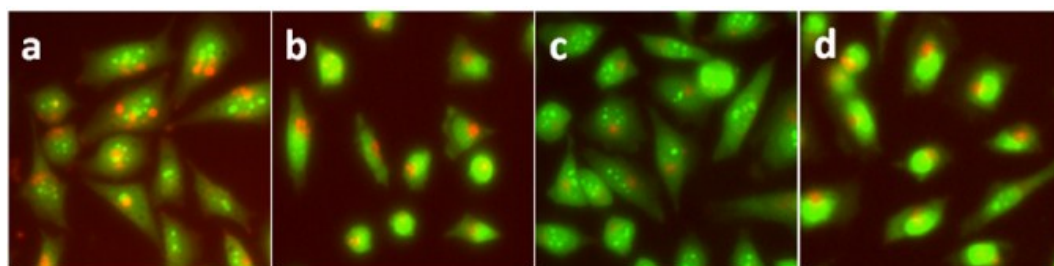


Fig. S5 Lysosomal permeability assays of SGC-7901 exposure to 2.0 μ M of **1** (b), 0.3 μ M of **2** (c) and **3** (d) for 24 h.

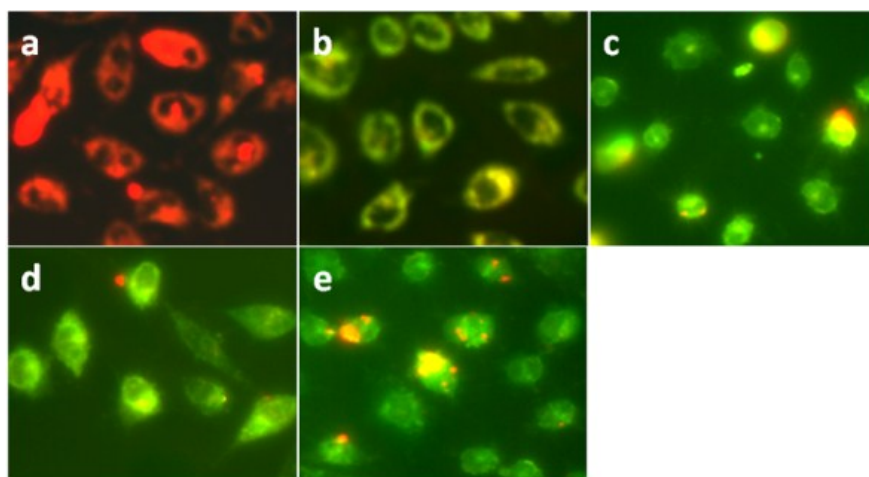


Fig. S6 The mitochondrial membrane potential was determined under fluorescent microscope while SGC-7901 cells (a) were treated with CCCP (b, positive control), 2.0 μ M of **1** (c), 0.3 μ M of **2** (d) and **3** (e) for 24 h.

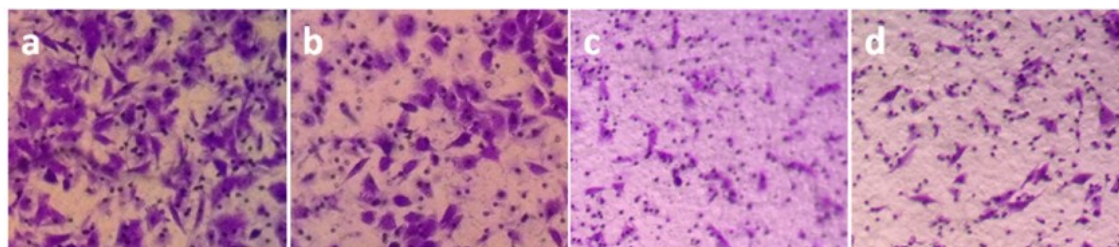


Fig. S7 Microscope images of invading SGC-7901 cells (a) that have migrated through the Matrigel induced by 2.0 μ M of **1** (b), 0.3 μ M of **2** (c) and **3** (d) for 24 h.