

Supporting Information

Novel fluorescent derivative of praziquantel synthesis: cell-imaging and
interaction with *Schistosoma japonicum* cercariae

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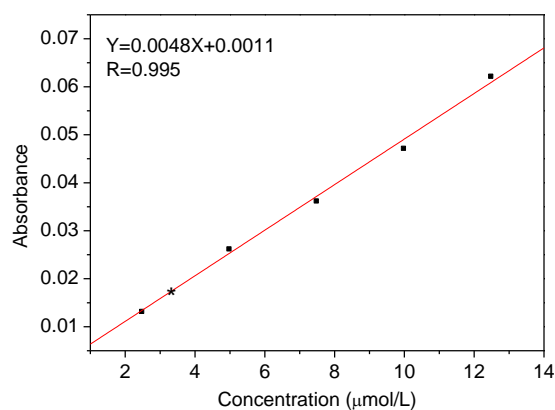


Figure S1. Absorbance of PZQ-5 in pure water. Absorbance = 0.018, Concentration =
3.52 μmol/L.

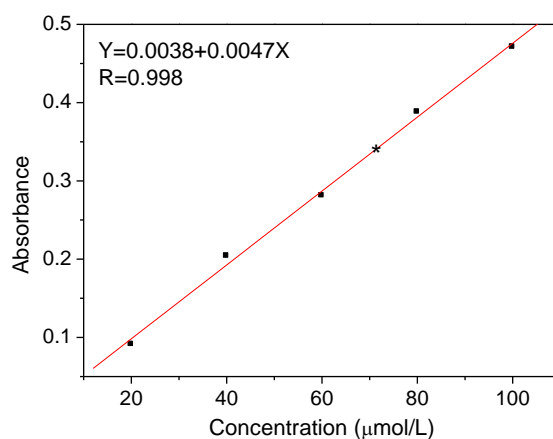


Figure S2. Absorbance of PZQ-5 in DMSO: PBS = 1:399. Absorbance = 0.342,
Concentration = 71.96 μmol/L.

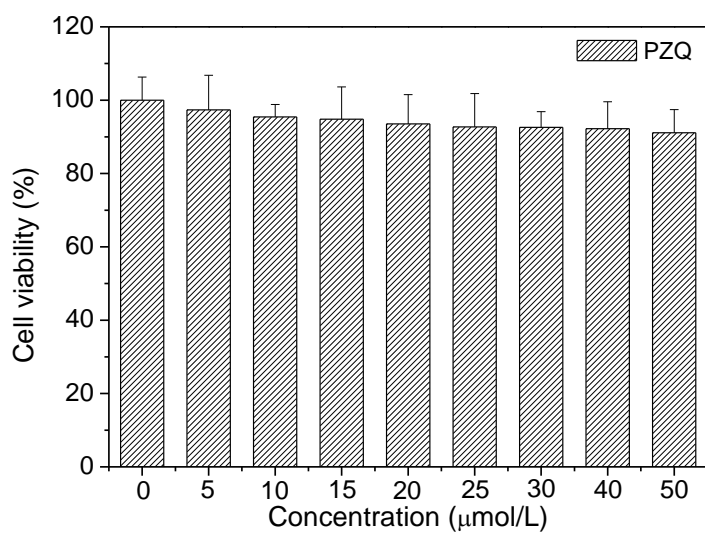


Figure S3. Cell survival viability detected by MTT method: HeLa cells incubated with the presence of 5~50 µmol/L PZQ for 24 h.

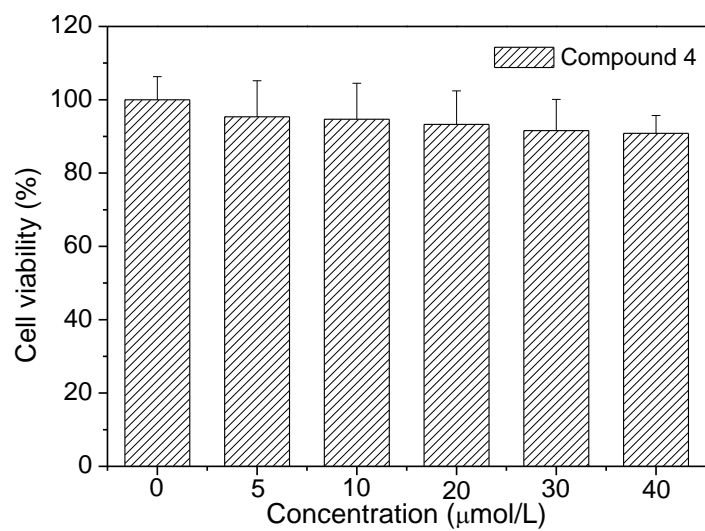


Figure S4. Cell survival viability detected by MTT method: HeLa cells incubated with the presence of 5~40 µmol/L compound 4 for 24 h.

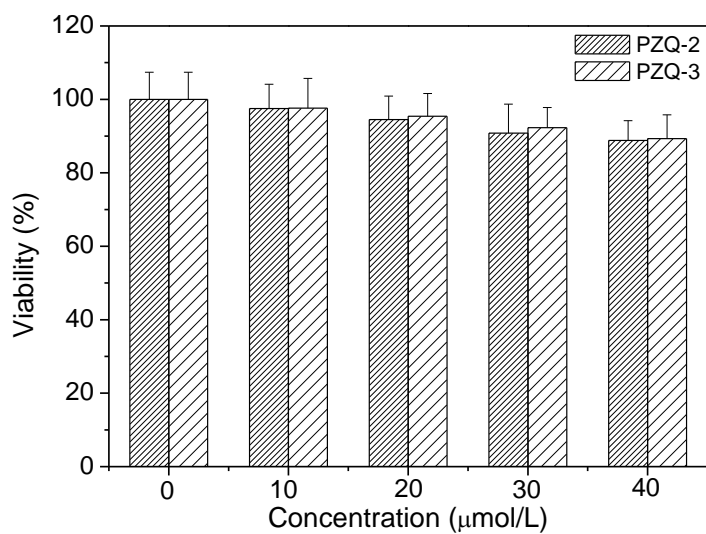


Figure S5. Cell viability (%) estimated by MTT proliferation test versus incubation concentrations of PZQ-2 and PZQ-3. HeLa cells were cultured in the presence of 0 ~ 40 μmol/L PZQ-2 and PZQ-3 at 37 °C for 24 h.

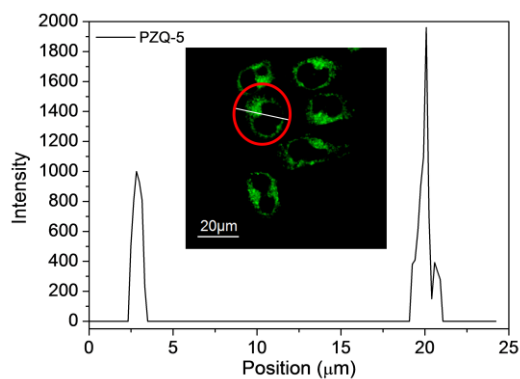


Figure S6. The fluorescence intensity profile and fluorescence image (across the line) of HeLa cells incubated with PZQ-5.