Supporting information available:

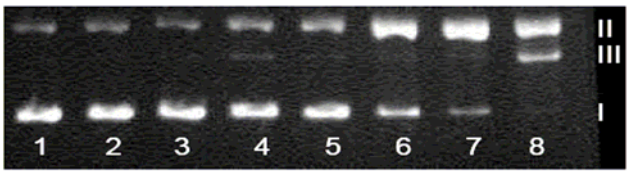

Fig.1. Gel electrophoresis diagram showing the cleavage of pBR322 DNA(0.2μg, 33μM) by **2** in the presence of H_2O_2 at different complex concentrations in 50mM Tris-HCl/NaCl buffer (pH7.2)and 37℃:Lane 1, DNA control (3h); Lane 2, DNA+**2 (**0.6mM, 3h); Lane 3, DNA+ H_2O_2 (0.3mM, 3h); Lane 4-8: DNA+ 0.3mM H_2O_2 + **2**(0.015mM; 0.03mM; 0.06mM; 0.09mM; 0.12mM;)(4h)**,**respectively

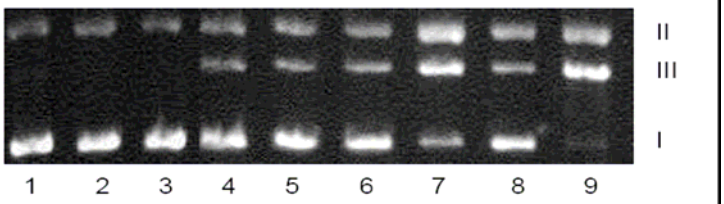

Fig.2. Agarose gel electrophoresis of 33μM pBR322 DNA in 50mM Tris-HCl/NaCl buffer (pH7.2)and at 37℃ in the presence of 0.28mM H_2O_2 and 0.12mM complex **2**: Lane 1, DNA control (3h); Lane 2, DNA+ 2 (3h); Lane 3, DNA+H_2O_2 (3h); Lane 4-9, DNA+H_2O_2 + 2 for 0, 0.5, 1, 3, 2, 6 h.

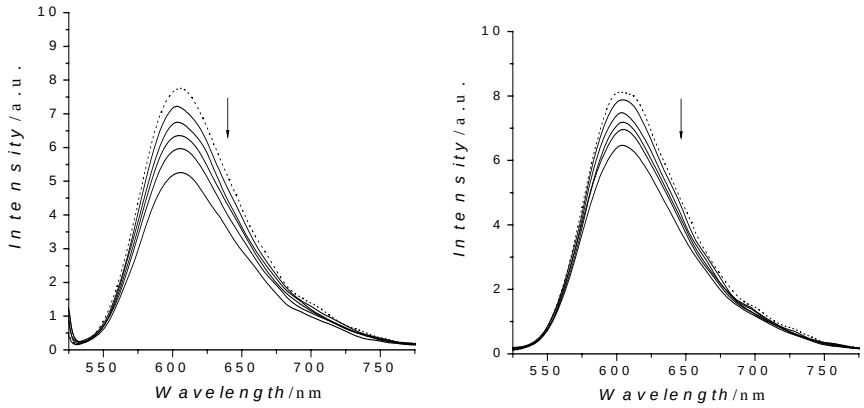

Fig. 3 Emission spectra of ethidium bromide-CT DNA in the absence (dashed line) and presence (solid line)of complex **1**(left), **2**(right).