Supporting Information

For

A new way to detect the interaction of DNA and anticancer drugs based on the decreased resonance light scattering signal and its potential application

Zhanguang Chen,*a Tianhe Song,a Yurui Peng,a Xi Chen,b Junhui Chen,c Guomin Zhang,a Sihua Qiana

a Department of Chemistry, Shantou University, Shantou 515063, China

b Guangdong Pharmaceutical University, Guangzhou 510006, China

c Department of Oncology, the First Affiliated Hospital of Shantou University Medical College, Shantou 515041, China

Fig. S1. Effect of the pH on the RLS intensity of the assay system. Conditions: DNA, 2.0 μg mL⁻¹; MB, 5.0 ×10⁻⁵ mol L⁻¹.
**Fig. S2.** Effect of the MB concentration on the RLS intensity of the assay system.

Conditions: DNA, 2.0 μg mL⁻¹; pH = 6.5.