

Electronic supplementary information

Investigating the interaction mechanism of fluorescent whitening agents to human serum albumin using saturation transfer difference-NMR, multi-spectroscopy, and docking studies

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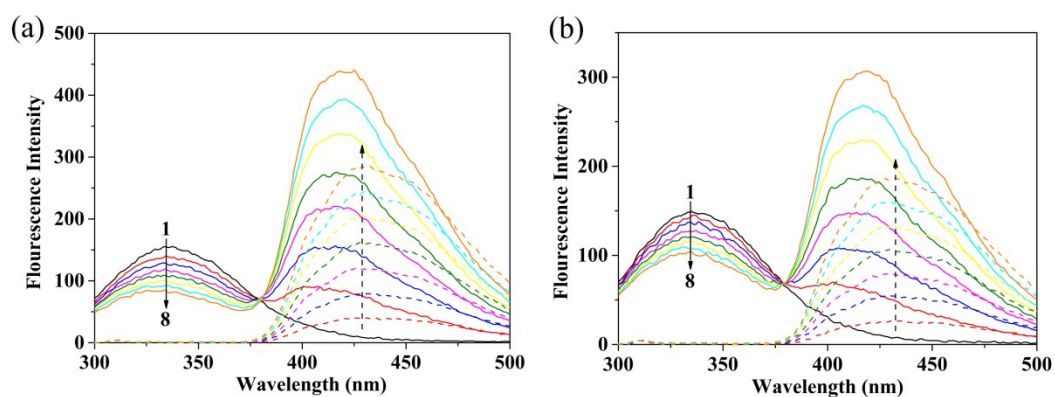


Fig. S1 Fluorescence emission spectra (the solid line) of HSA with different content CBS (a) and CBS-X (b) additions. HSA is constant at 2 μM and CBS and CBS-X varies from 0 to 1.4 μM with gradient growth of 2.0 μM (Peaks from 1 to 8). Fluorescence emission spectra (the dotted line) of CBS (a) and CBS-X (b), CBS and CBS-X vary from 0.2 to 1.4 μM with gradient growth of 2.0 μM (Peaks from bottom to top). The excitation wavelength and slit widths of excitation and emission were set at 280, 5 and 10 nm, respectively. T=298K.