

Electronic Supplementary Information (ESI)

Insights into the interaction mechanism between tiagabine hydrochloride and two serum albumins

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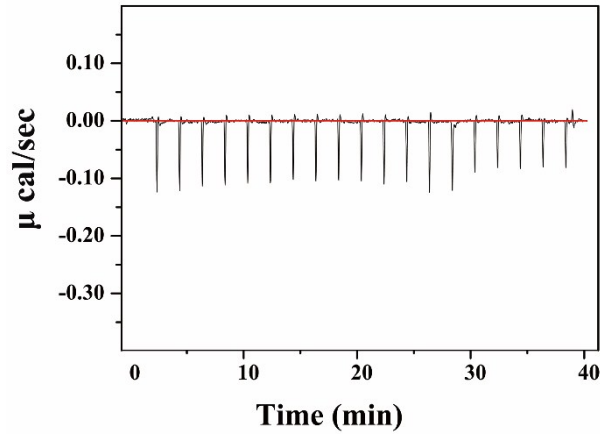


Fig. S1 ITC profile for the titration of TGB into buffer at pH 7.4 and 298 K. The concentration of TGB is 2 mM.

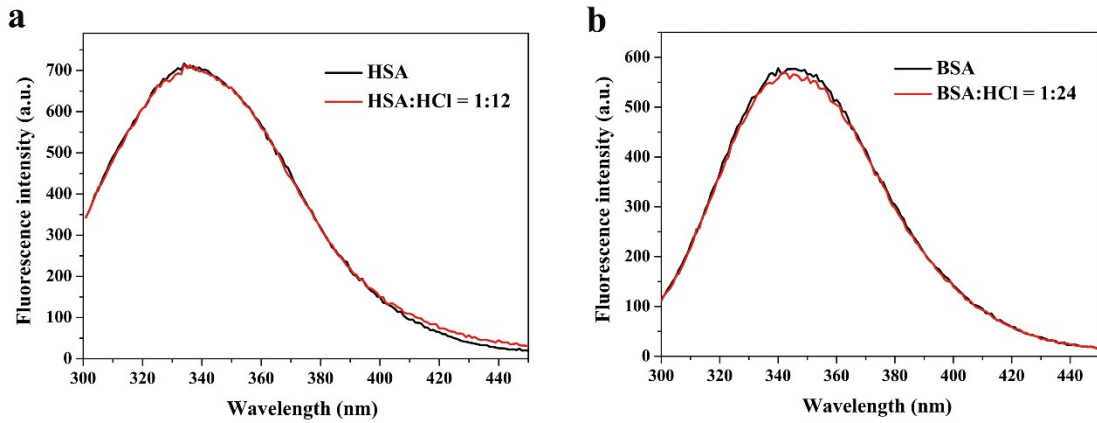


Fig. S2 (a) Fluorescence spectra of HSA and HSA-HCl complex at pH 7.4 and 298 K. The concentration of HSA is 2.4 μM , and the molar ratio of HSA to HCl is 1:12. **(b)** Fluorescence spectra of BSA and BSA-HCl complex at pH 7.4 and 298 K. The concentration of BSA is 0.7 μM , and the molar ratio of BSA to HCl is 1:24.

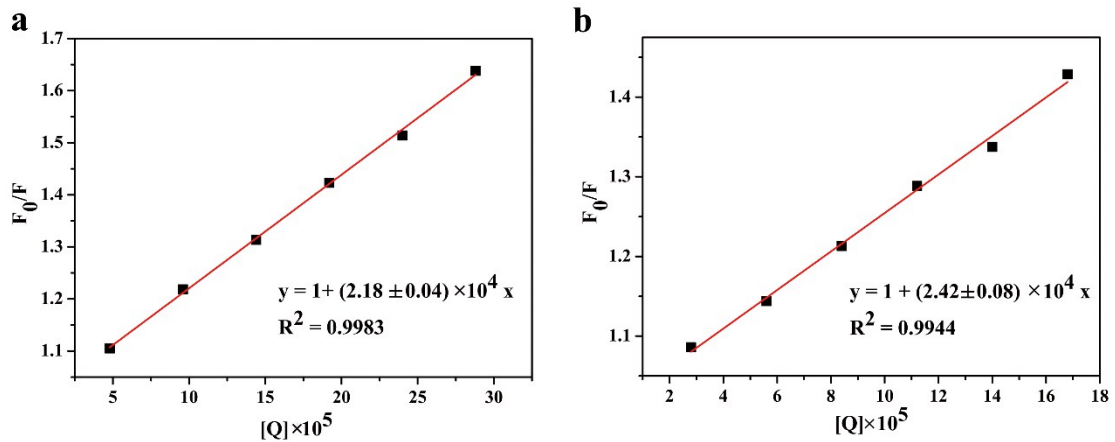


Fig. S3 Linear fitting diagrams of Stern-Volmer equation for the fluorescence quenching of TGB-HSA (a) and TGB-BSA (b), respectively.