Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Detailed characterization of Lysozyme (Lyz)-surfactant (SDDS) interaction, and the structural transitions

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Supplementary information

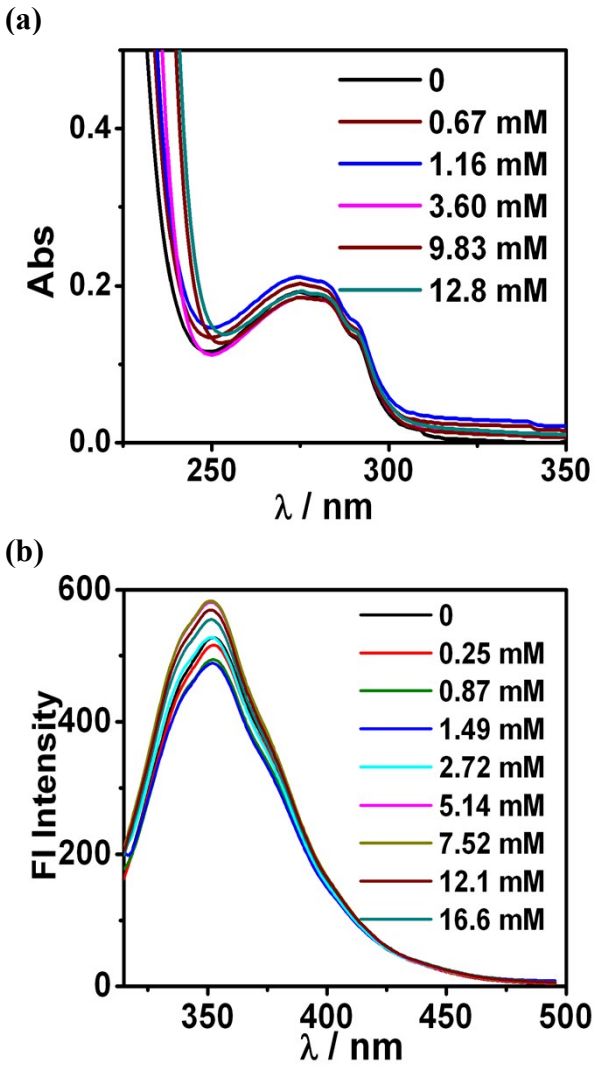

Fig S_1. UV – Visible and fluorescence spectra of 0.1 mg / ml lysozyme in the absence and presence of SDDS in phosphate buffer pH 7.

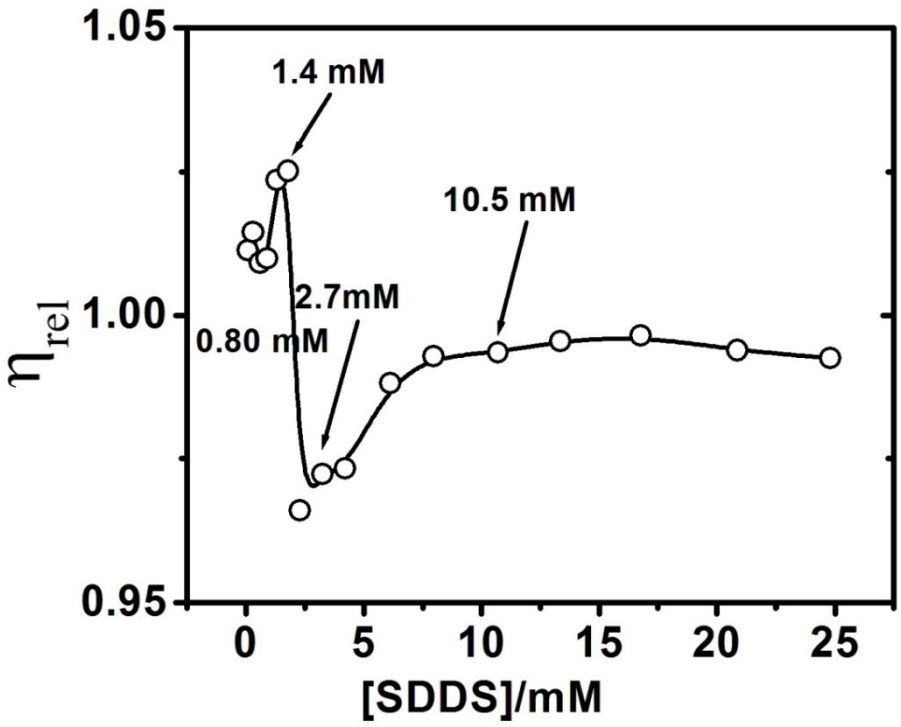

Fig S_2 : Viscosity vs [SDDS] of lysozyme interacted SDDS at pH 7 at 298 K.

Inflections are marked with arrow heads.

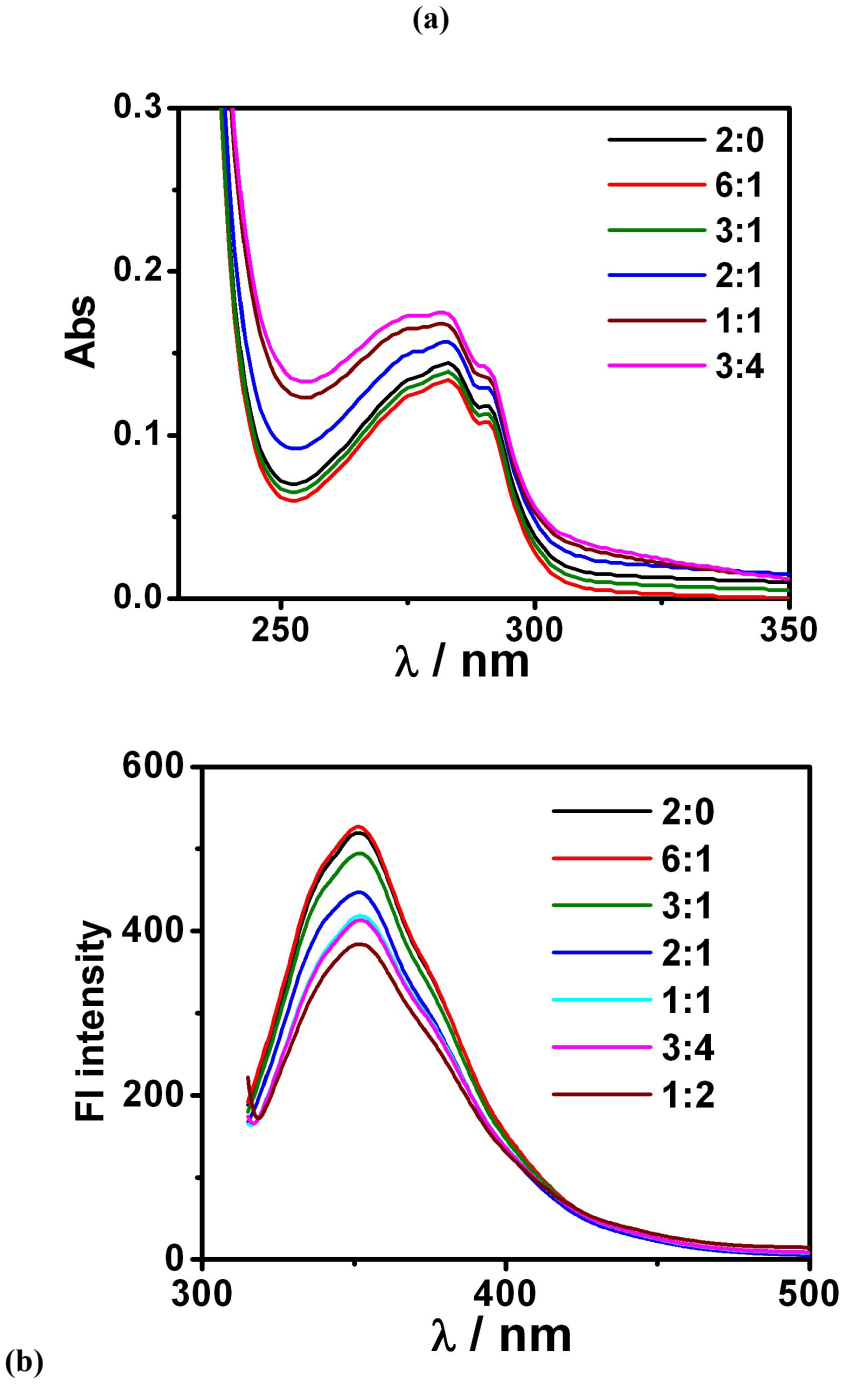

Fig S_3. (a) Absorbance and (b) fluorescence spectra of lysozyme at different concentration ratio of SDDS to β–CD.

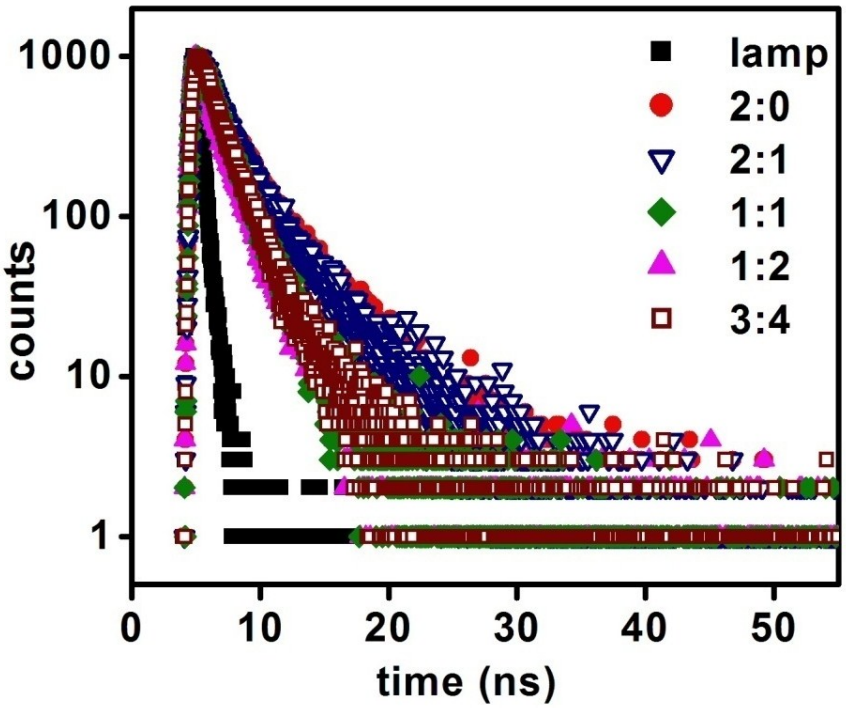

Fig S_4. Fluorescence life time decays of lysozyme at different concentration ratio of SDDS to β – CD.

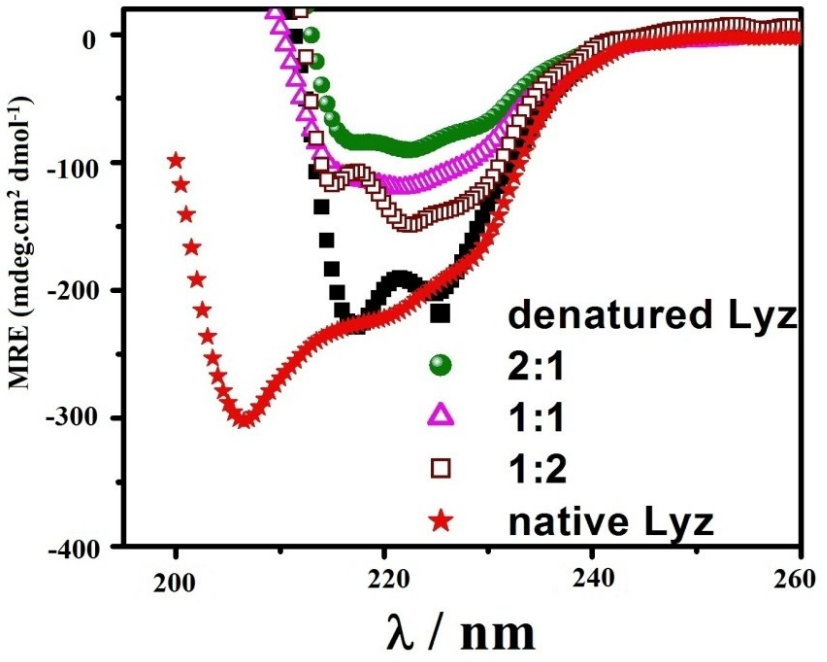

Fig S_5: Far-UV CD spectra of Lyz at different mole ratios of SDDS: β-CD.