

Figure S1. Particle size distribution for different chitosan polymer formulations using dynamic light scattering method.

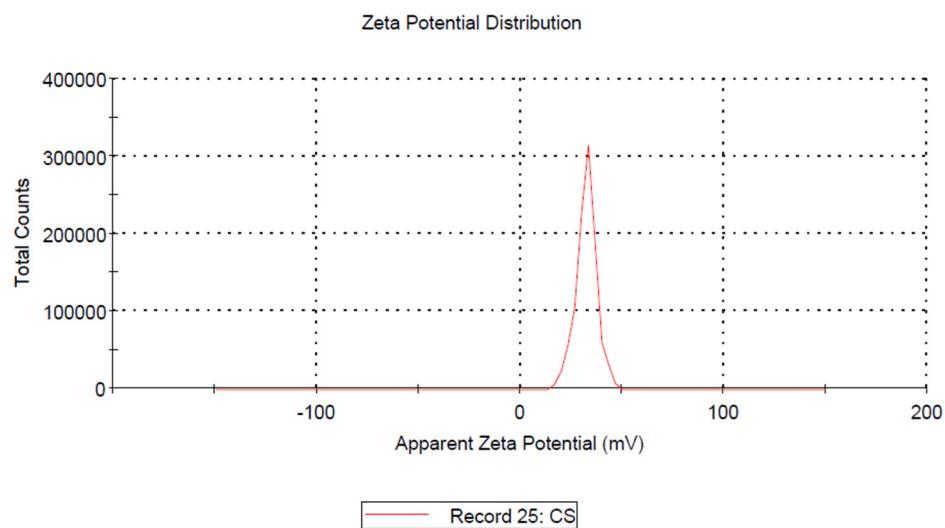


Figure S2. Zeta potential distribution for chitosan using dynamic light scattering method.

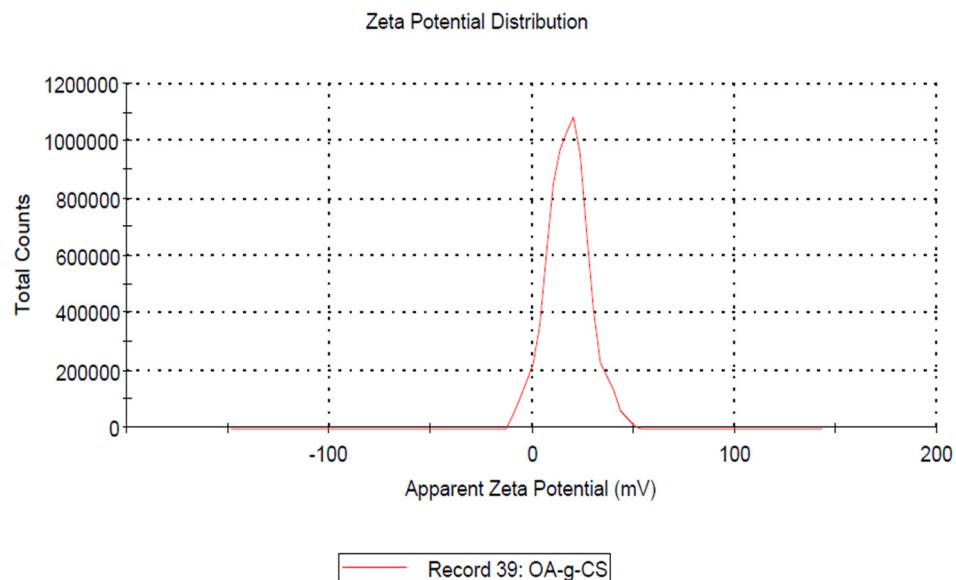


Figure S3. Zeta potential distribution for Oleic acid grafted chitosan using dynamic light scattering method.

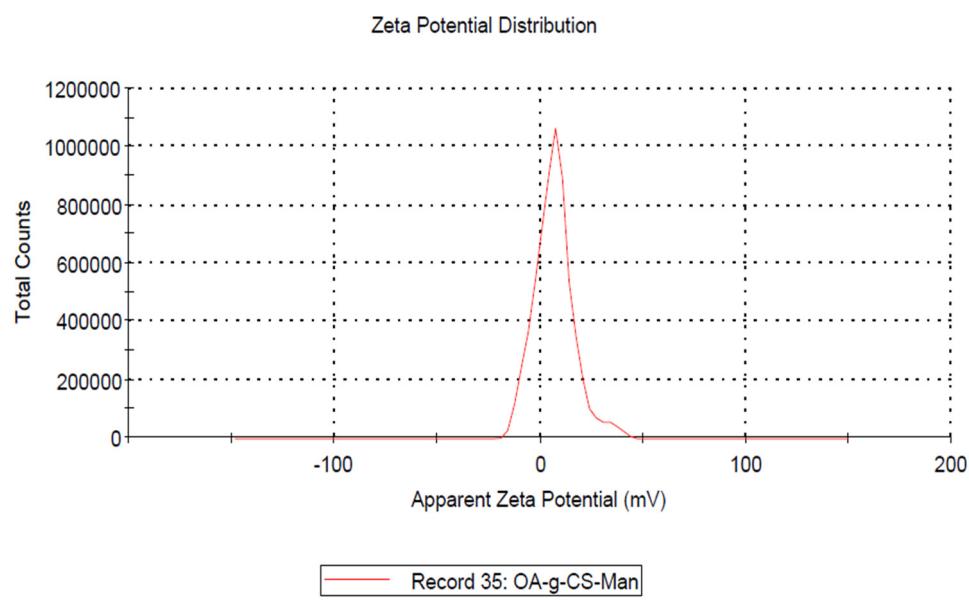


Figure S4. Zeta potential distribution for OA-g-CS-Man using dynamic light scattering method.

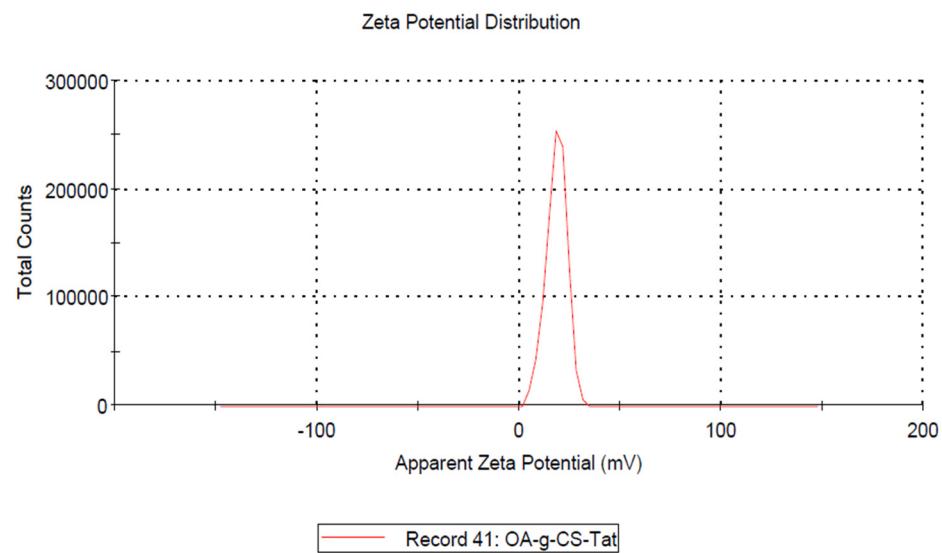


Figure S5. Zeta potential distribution for OA-g-CS-Tat using dynamic light scattering method.

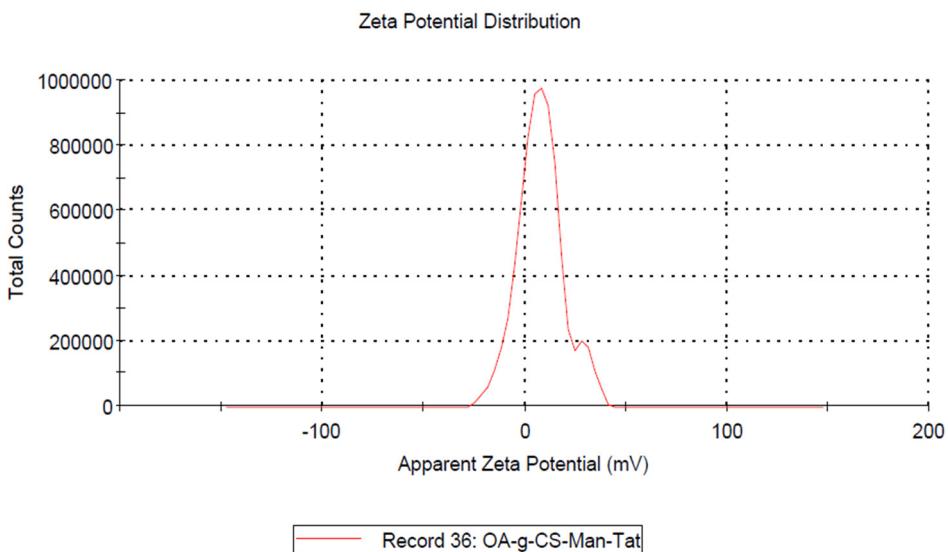


Figure S6. Zeta potential distribution for OA-g-CS-Man-Tat using dynamic light scattering method.

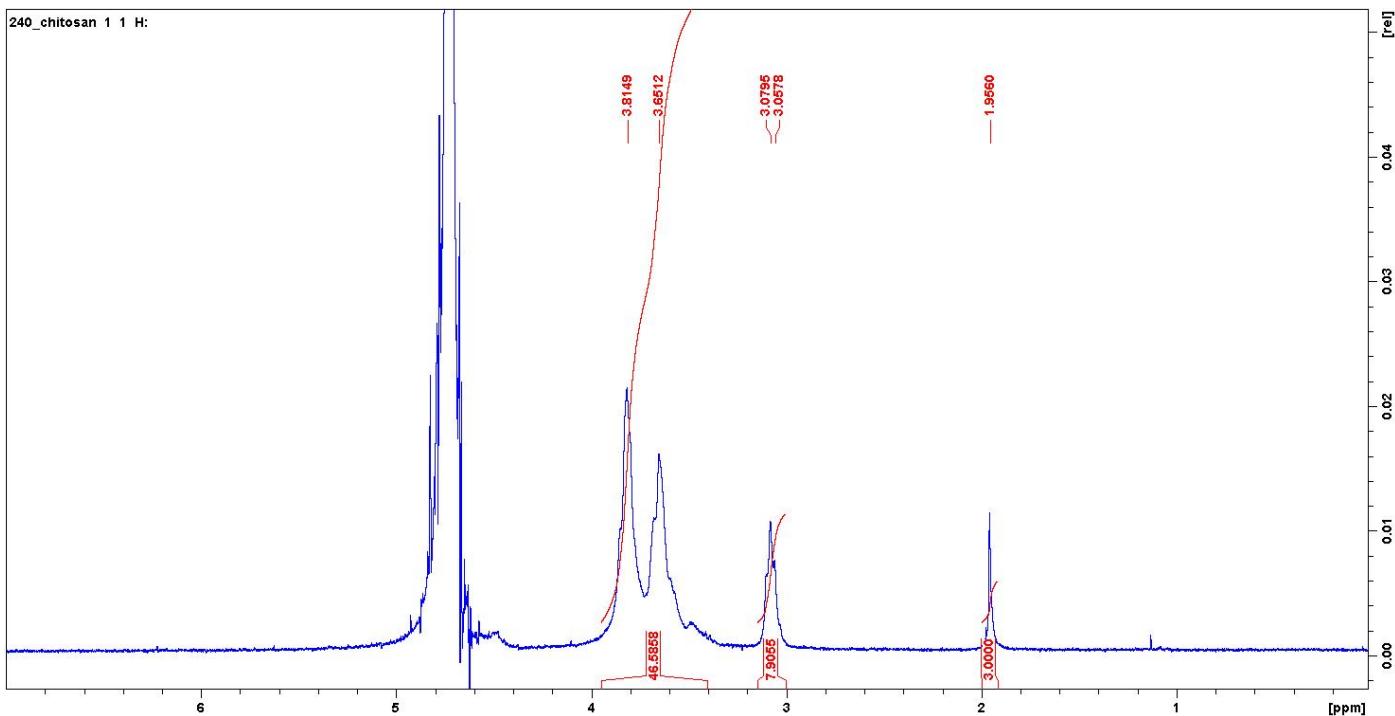


Figure S7. ¹HNMR of Chitosan.

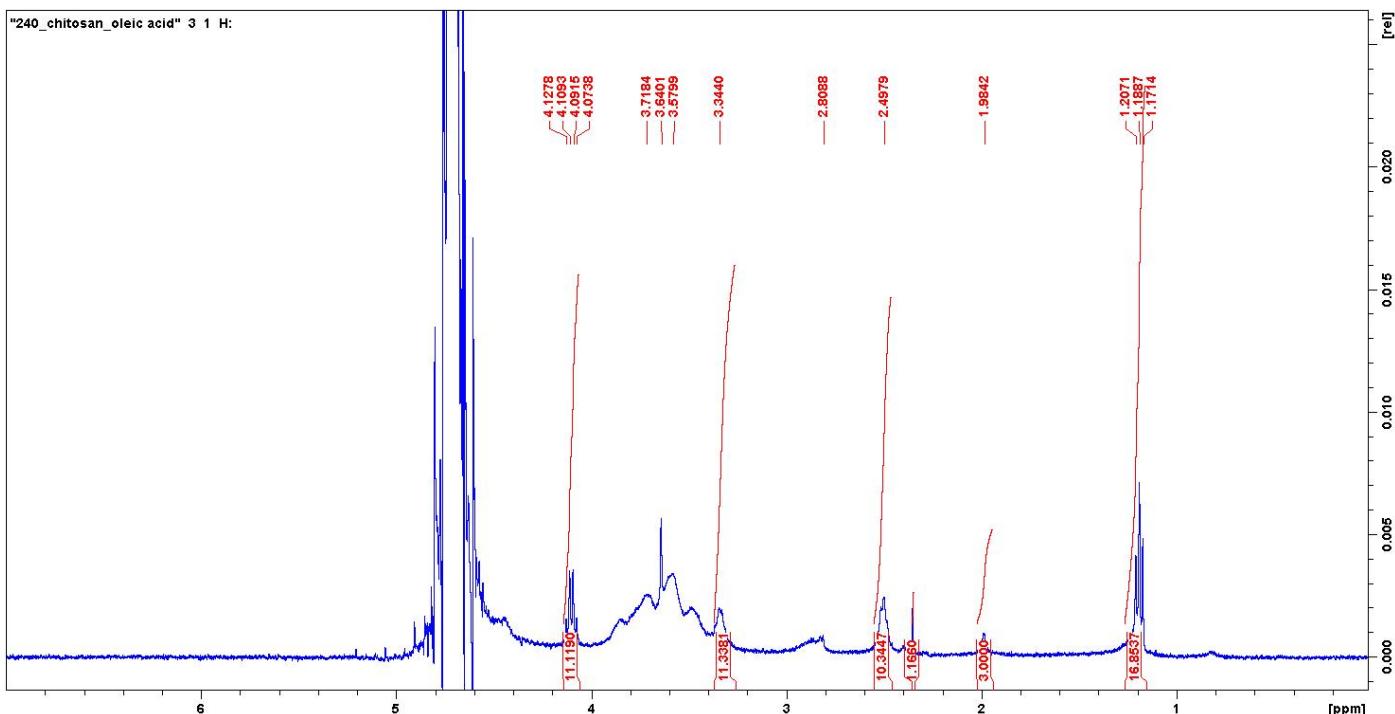


Figure S8. ¹HNMR of OA-g-CS.

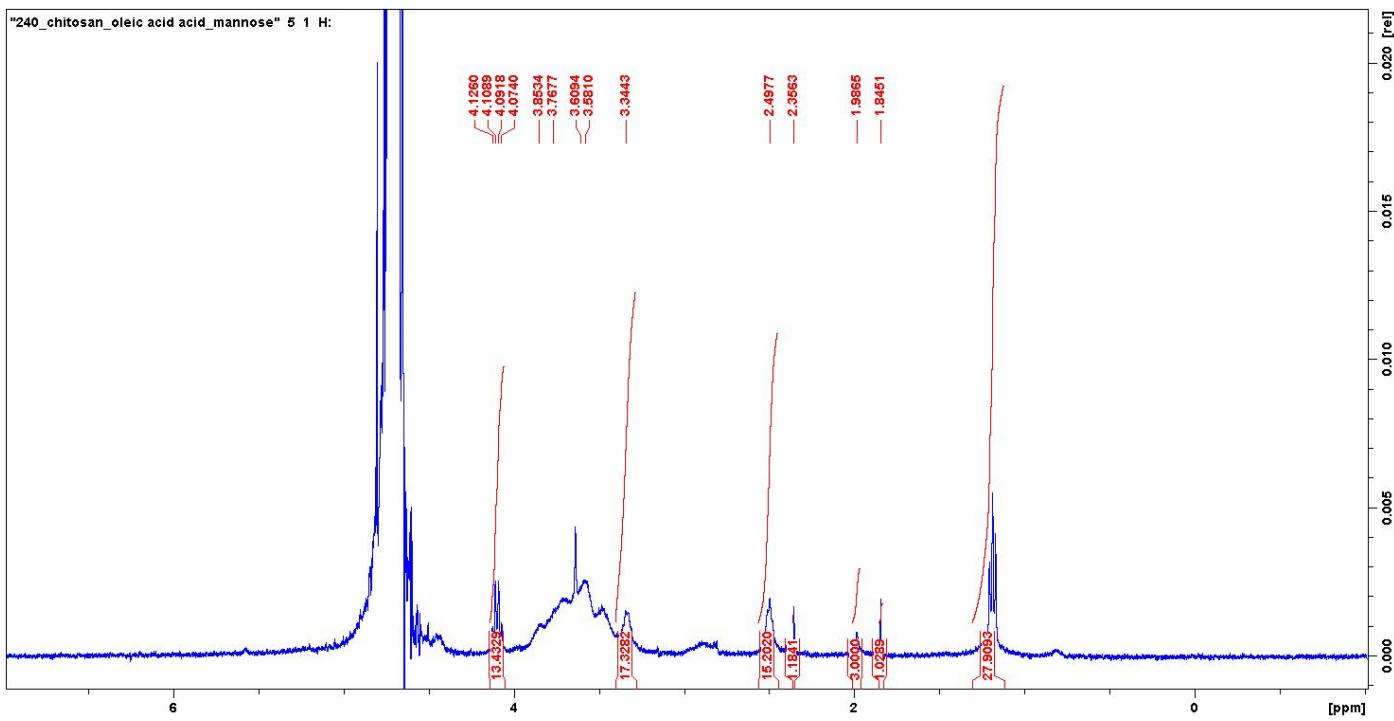


Figure S9. ^1H NMR of OA-g-CS-Man.

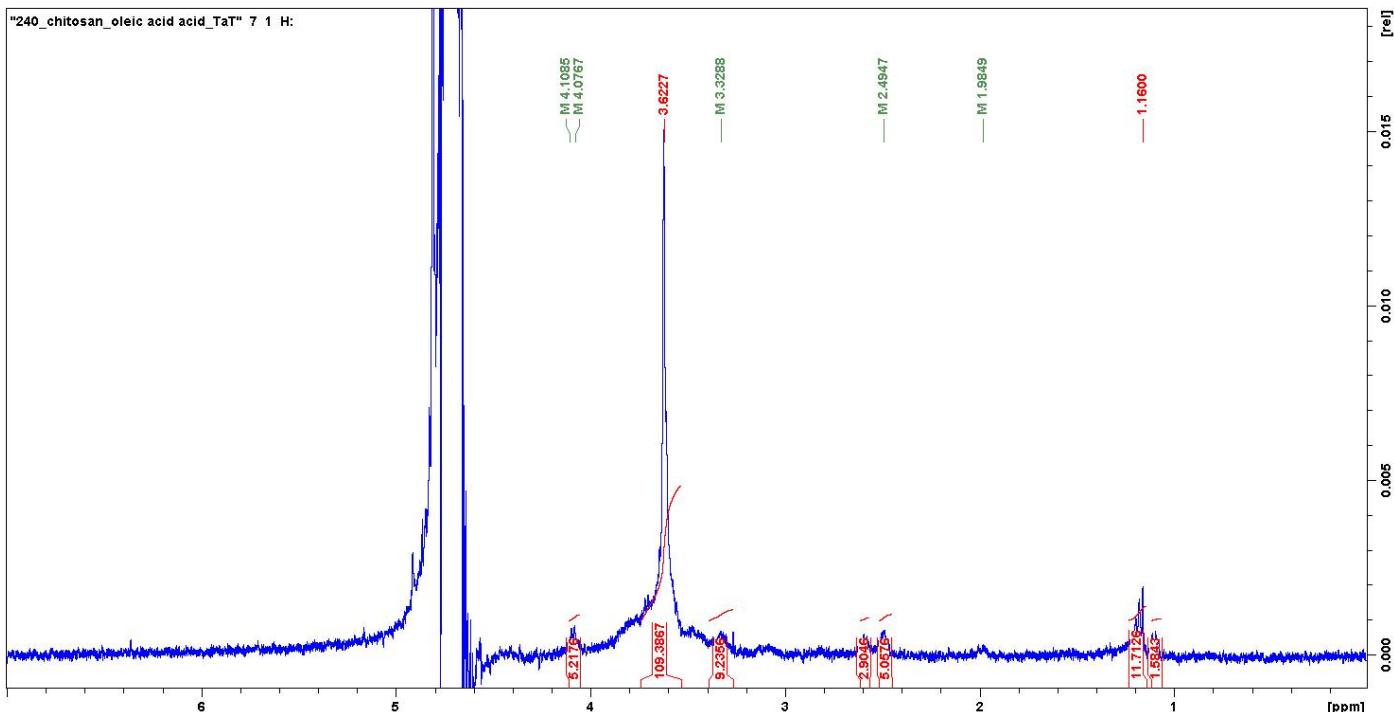


Figure S10. ^1H NMR of OA-g-CS-Tat.

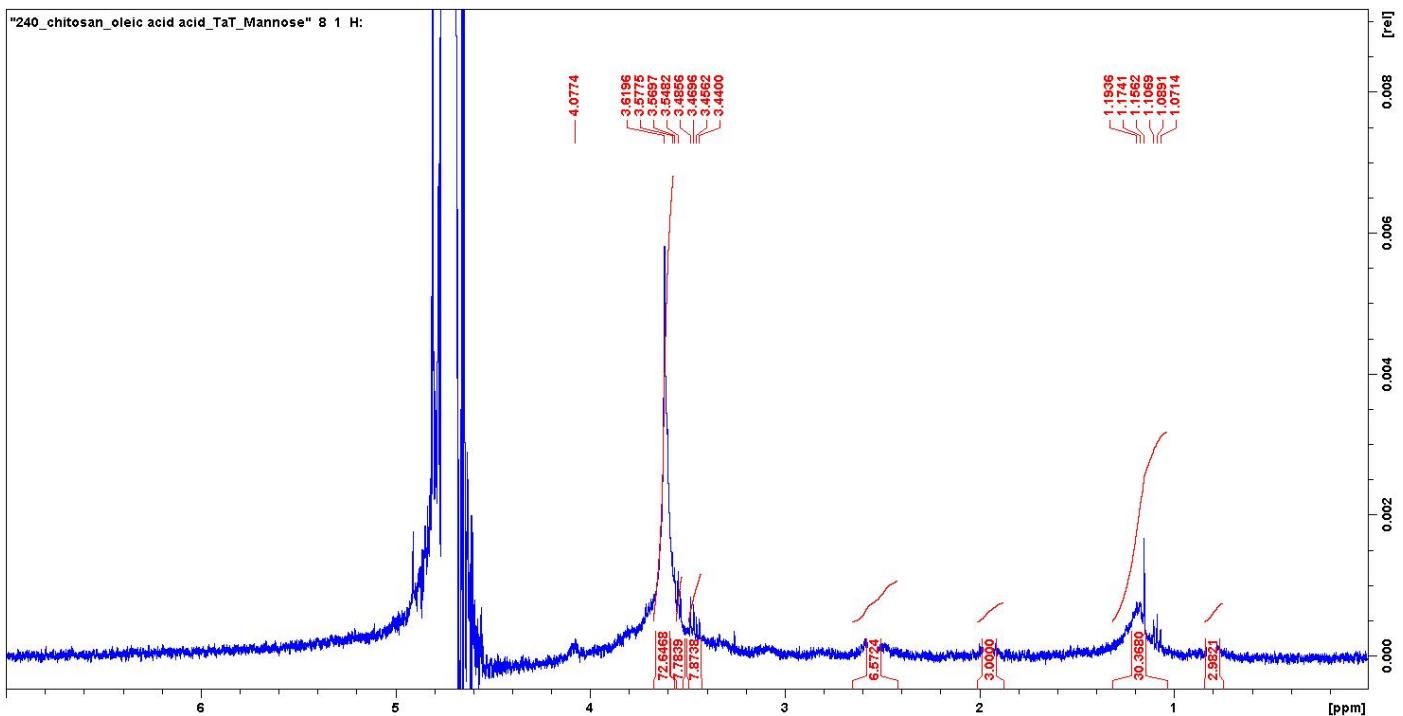


Figure S11. ^1H NMR of OA-g-CS-Man-Tat.

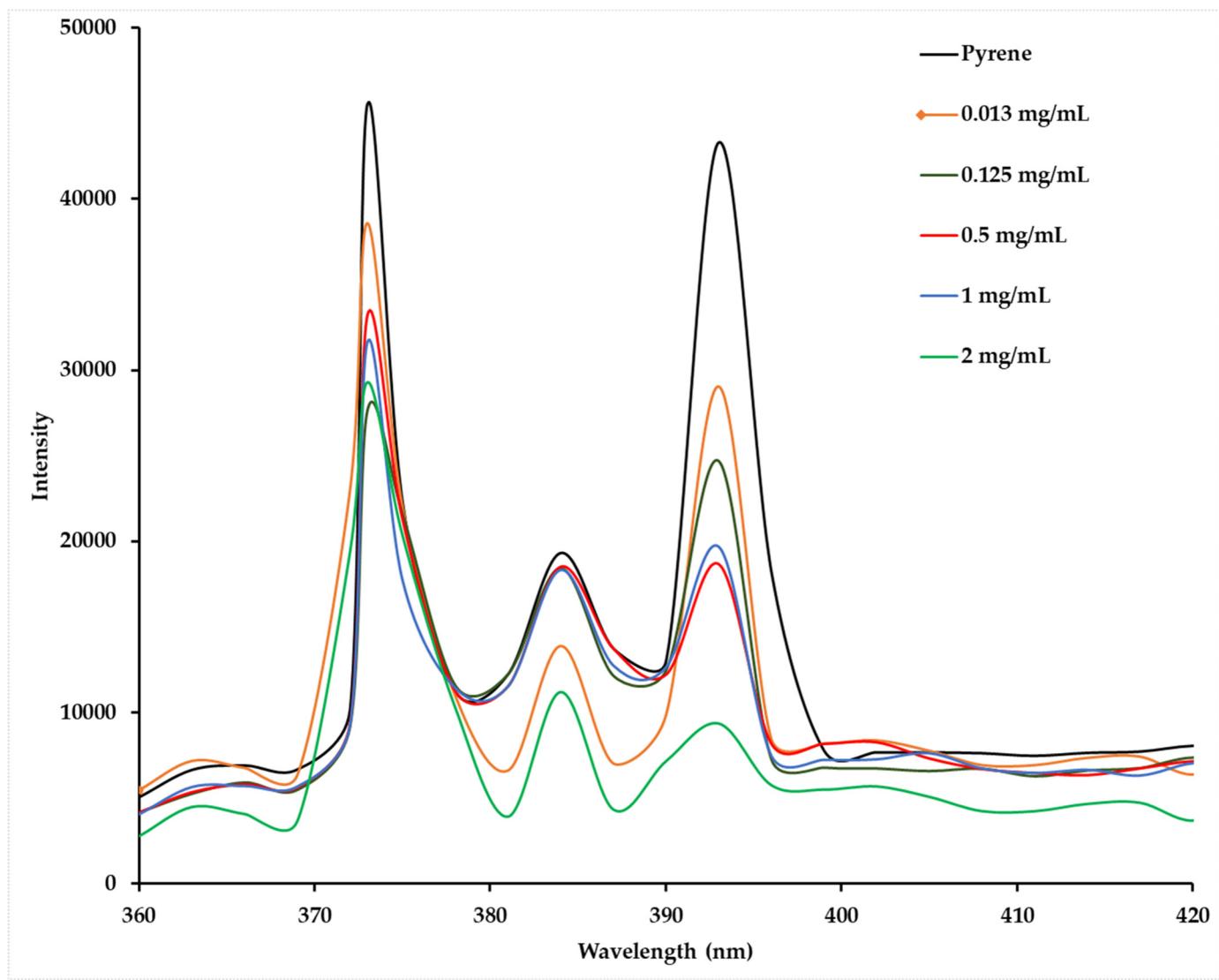


Figure S12. Fluorescence spectra of hydrophobic probe pyrene with increasing concentration of CS-g-OA.