

Synthesis and Evaluation of a Chitosan Oligosaccharide-Streptomycin Conjugate against *Pseudomonas aeruginosa* Biofilms

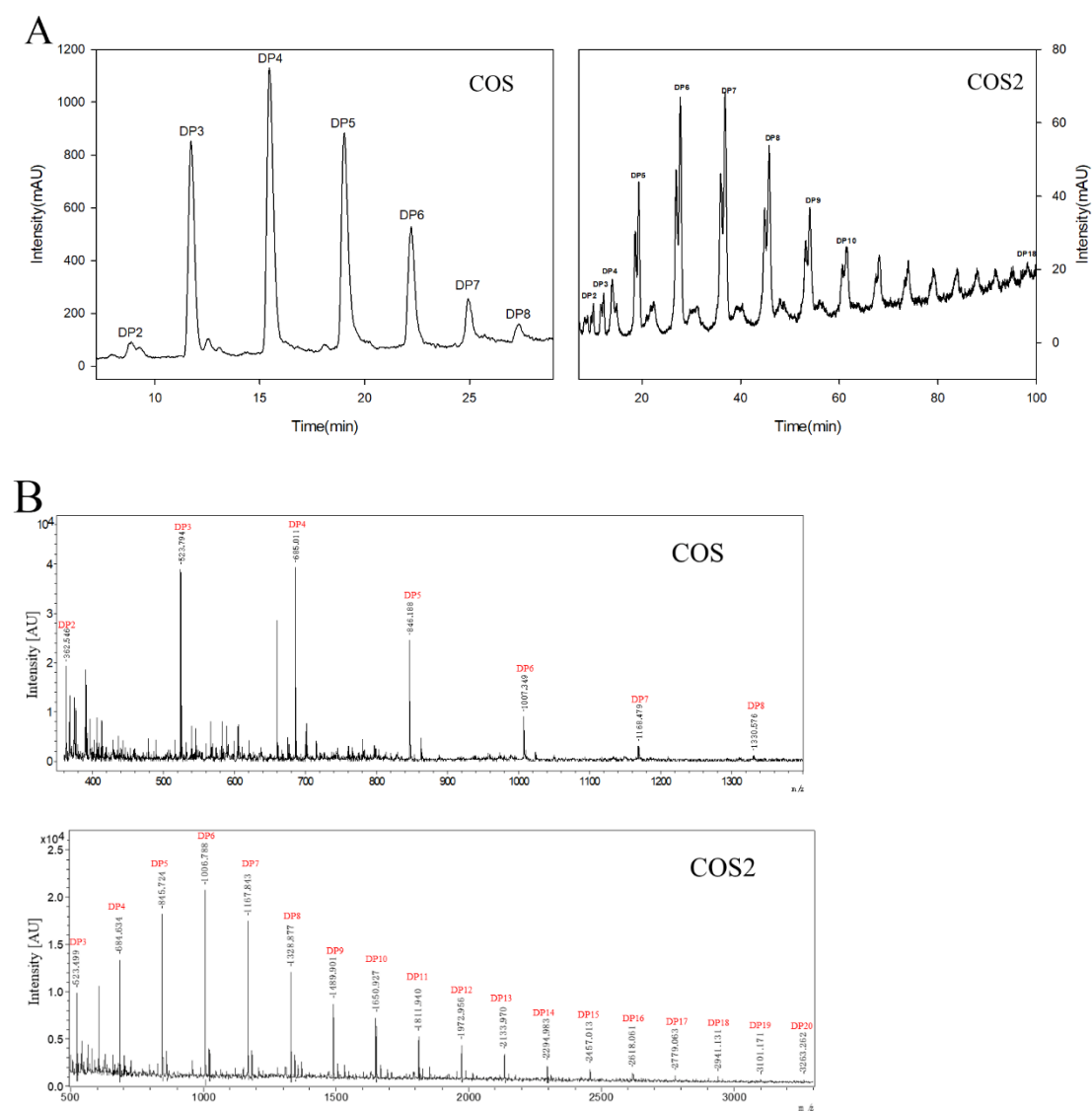
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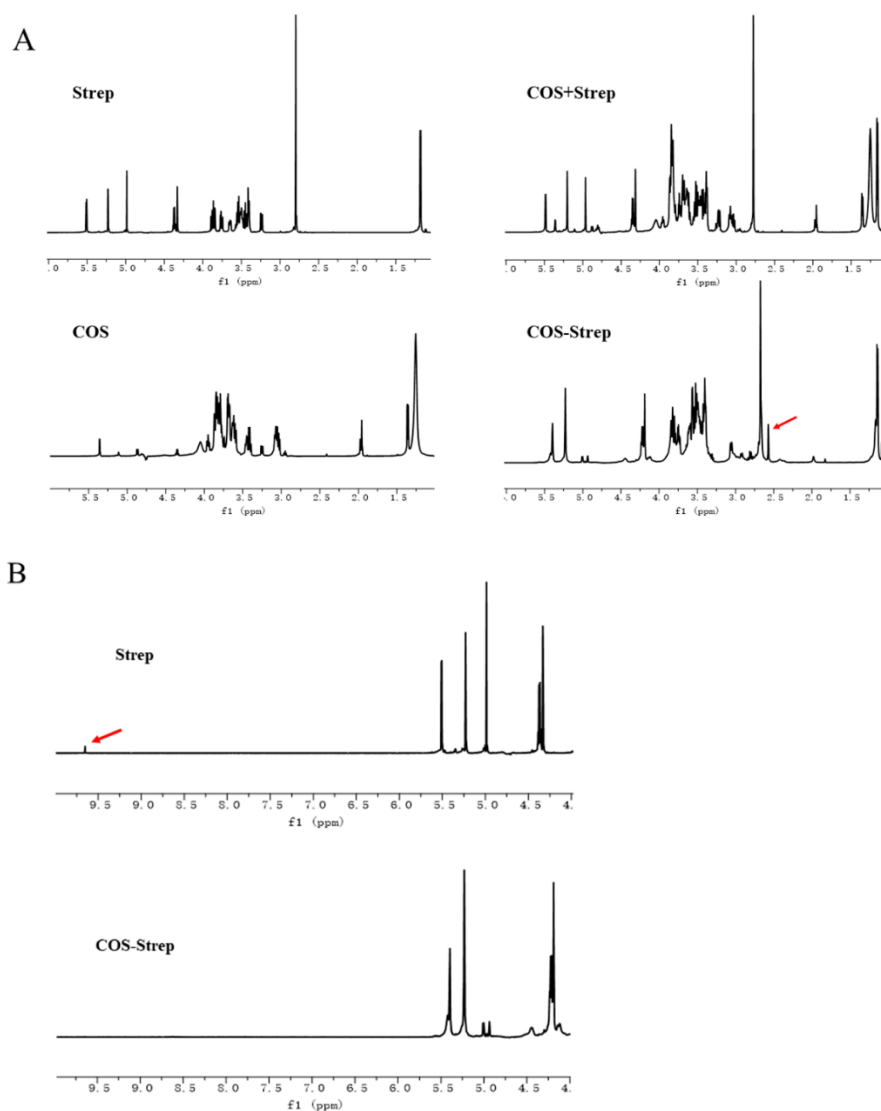


Figure S2. ^1H NMR spectra of COS, streptomycin, COS+Strep and COS-Strep conjugates. The Freeze-dried COS, Strep, the COS-Strep conjugate and a mixture of two molecules (mass ratio 1:1) were dissolved in deuterated water to a final concentration of 30mg/mL respectively. The spectra were recorded at 298 K in deuterium oxide on a Varian VNMRS-500 NMR spectrometer. Red arrow represented the methyl protons singal at 2.57 ppm in COS-Strep conjugates (A). Red arrow represented aldehyde proton singal at 9.66 ppm that was the functional group of streptomycin (B).