



# Supplementary Materials: Conjugation of Mannans to Enhance the Potency of Liposome Nanoparticles for the Delivery of RNA Vaccines

Roshan Goswami <sup>1,2</sup>, Derek T. O'Hagan <sup>3</sup>, Roberto Adamo <sup>2,\*</sup>, Barbara C. Baudner <sup>2,\*</sup>

## NMR spectra of synthesized mannan-cholesterol conjugates

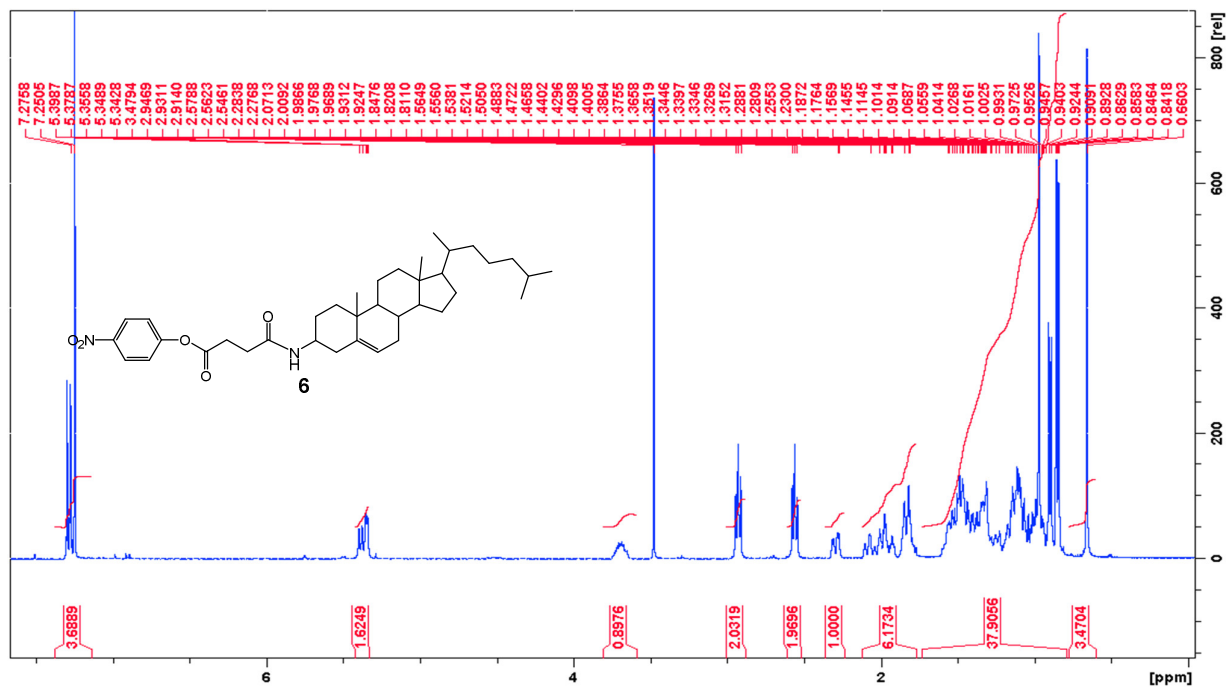


Figure S1. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of the cholesterol derivative 6.

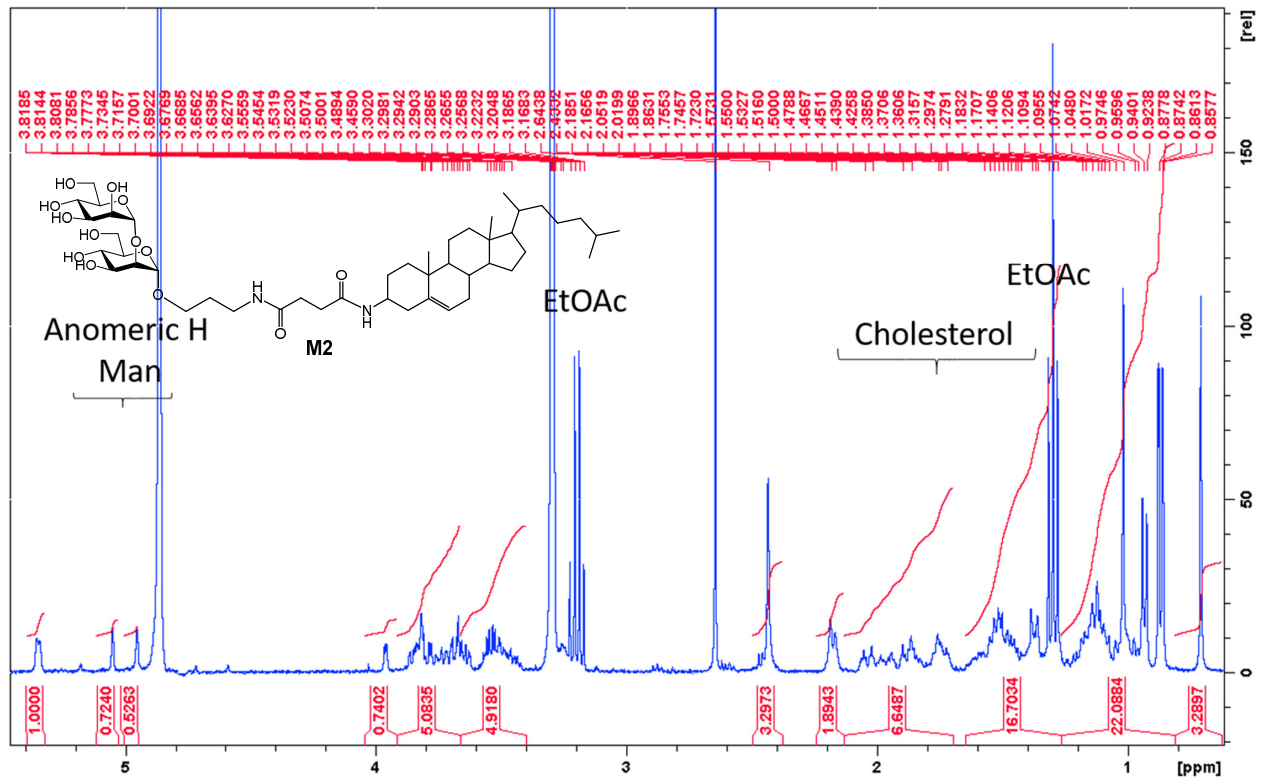


Figure S2. <sup>1</sup>H NMR (400 MHz, MeOD) of conjugate M2.

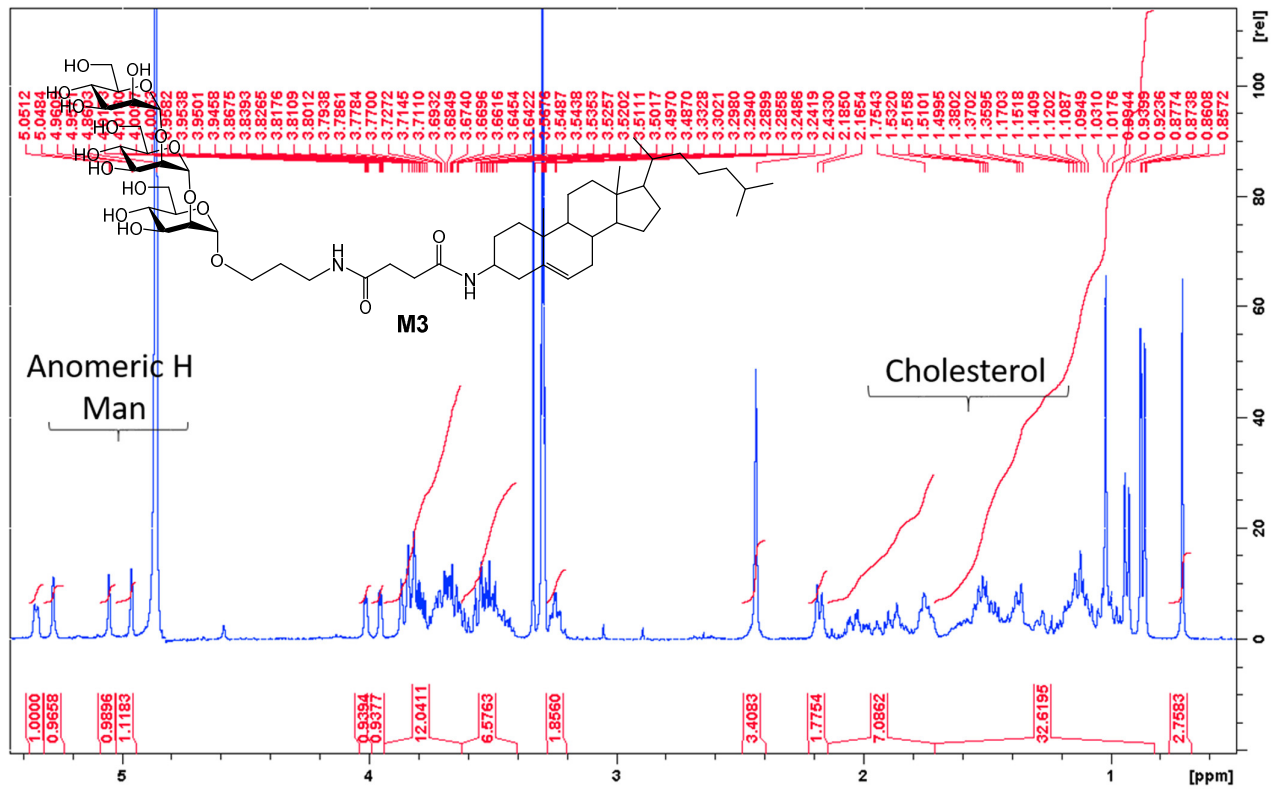


Figure S3. <sup>1</sup>H NMR (400 MHz, MeOD) of conjugate M3.

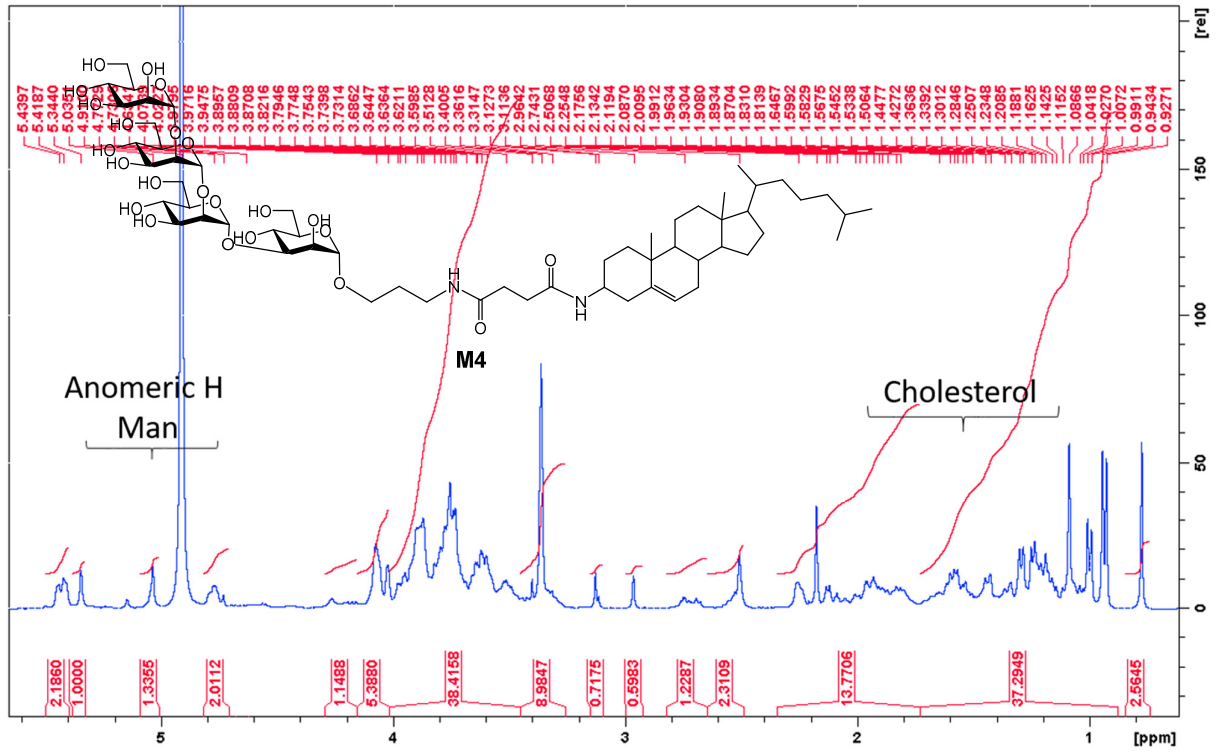


Figure S4. <sup>1</sup>H NMR (400 MHz, MeOD) of conjugate M4.