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SUPPLEMENTARY MATERIAL

Synthesis and Properties of Maleic Acid Cholesteryl Monoester-citric Acid Triester

Cailing Xie,^A Lisi Ba,^A Yuru Wei,^A Zeyi Shi,^A and Li'e Jin^{A,B}

^ACollege of Chemistry and Chemical Engineering, Taiyuan University of Technology, Taiyuan 030024, China.

^BCorresponding author. Email: lejin2003@163.com

Contents

Copies of FTIR, ¹H NMR, ¹³C NMR, HR-MS spectra and UV-vis Spectra

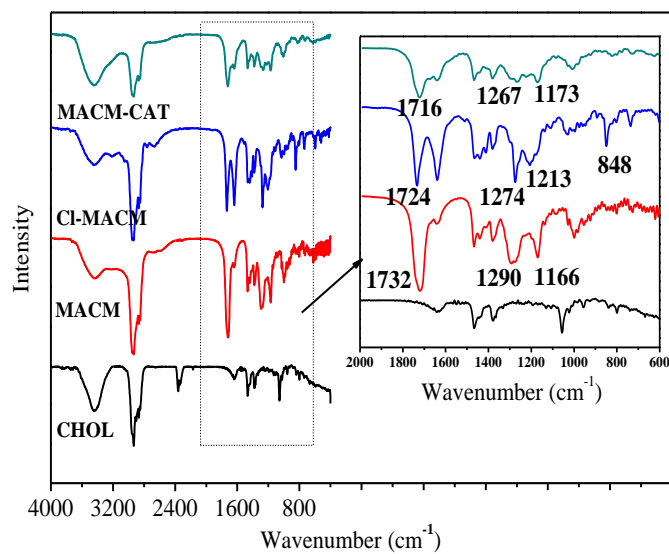


Fig. S1. FTIR spectra of CHOL, MACM, Cl-MACM and MACM-CAT. The FTIR spectra in the upper right corner are the curves enlarged at 600~2000 cm⁻¹.

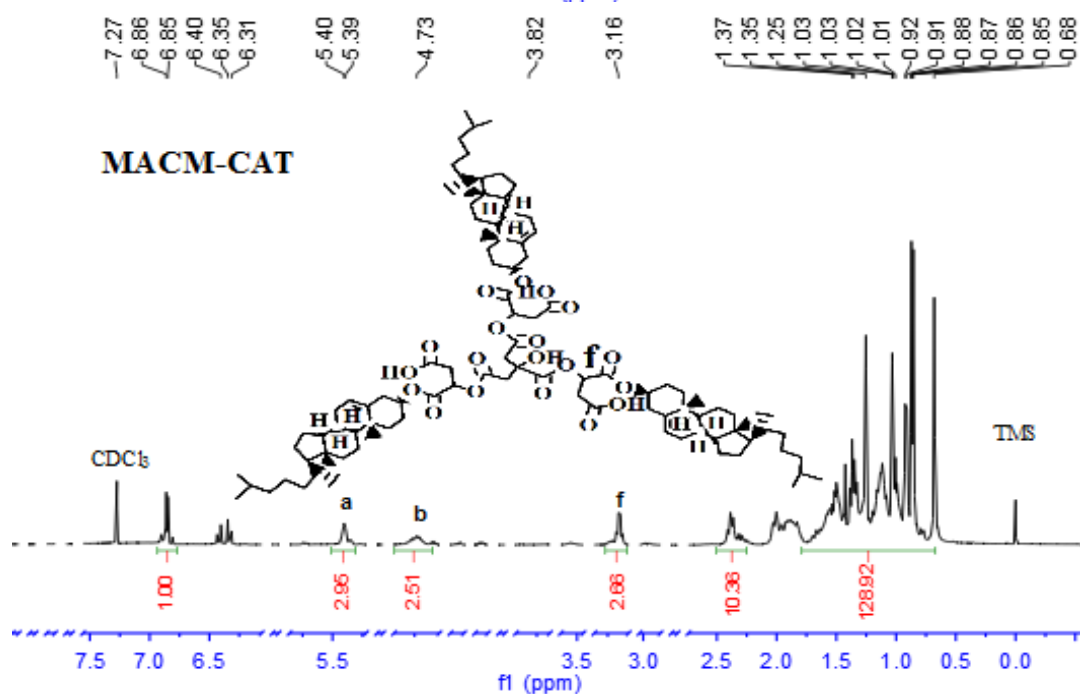
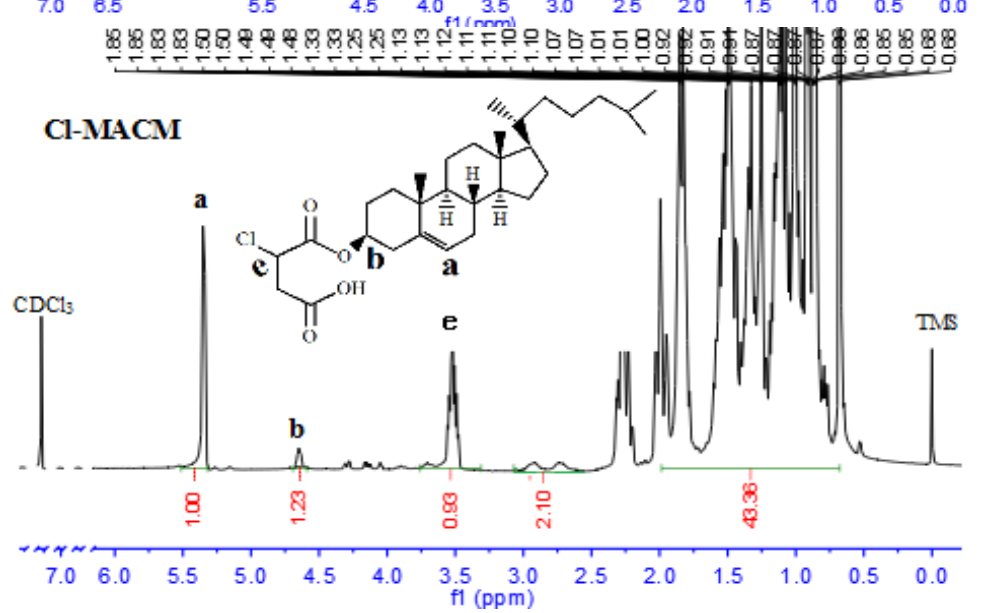
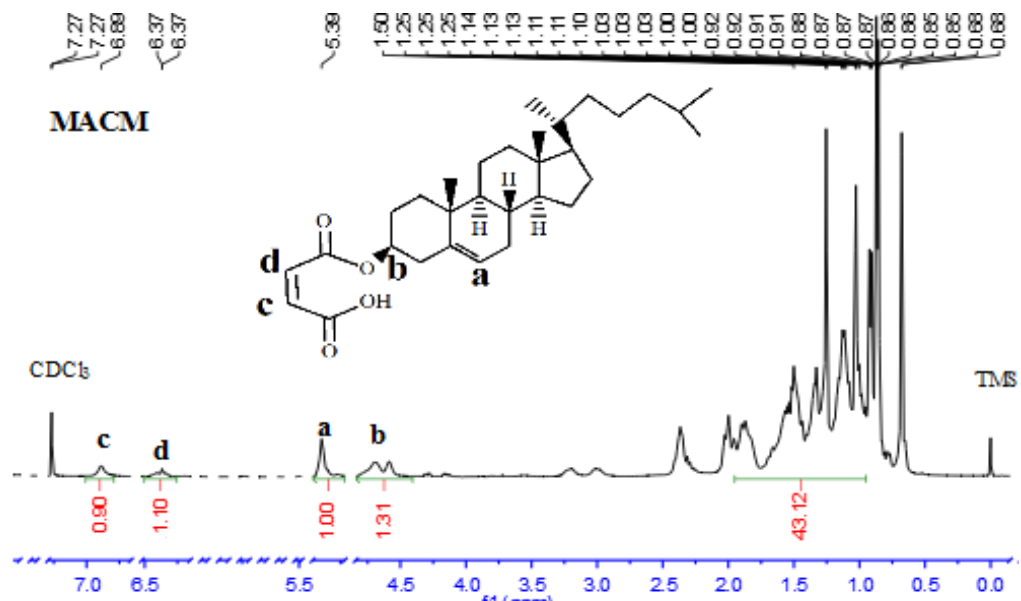


Fig. S2. ^1H NMR spectra of MACM, Cl-MACM and MACM-CAT.

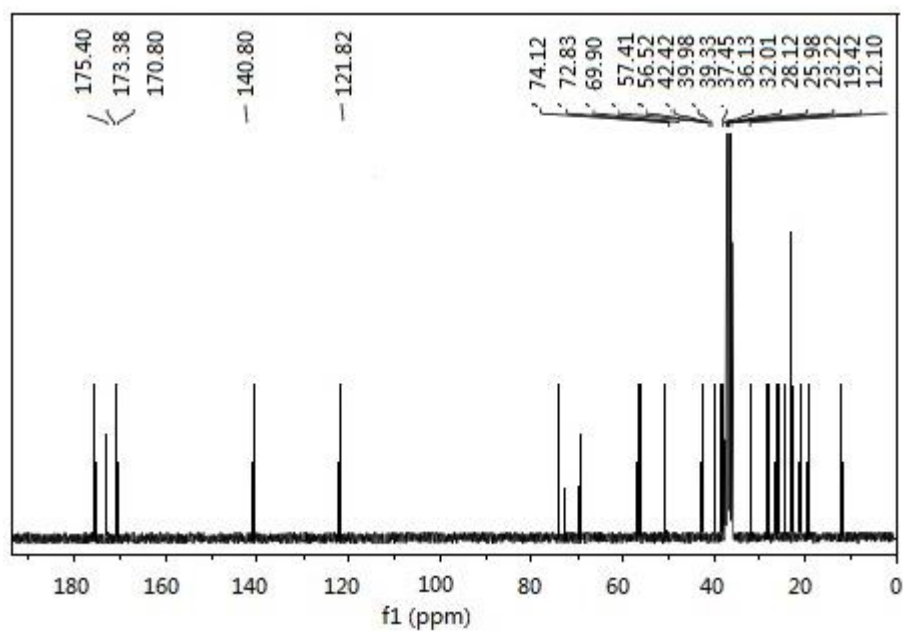


Fig. S3. The ^{13}C NMR spectrum of compound MACM-CAT in $\text{DMSO-}d_6$.

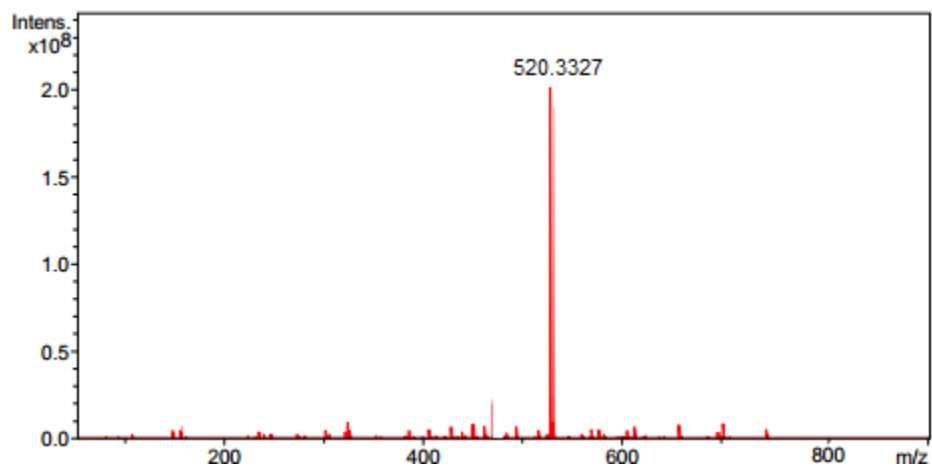


Fig. S4. The HR-MS spectrum of compound Cl-MACM.

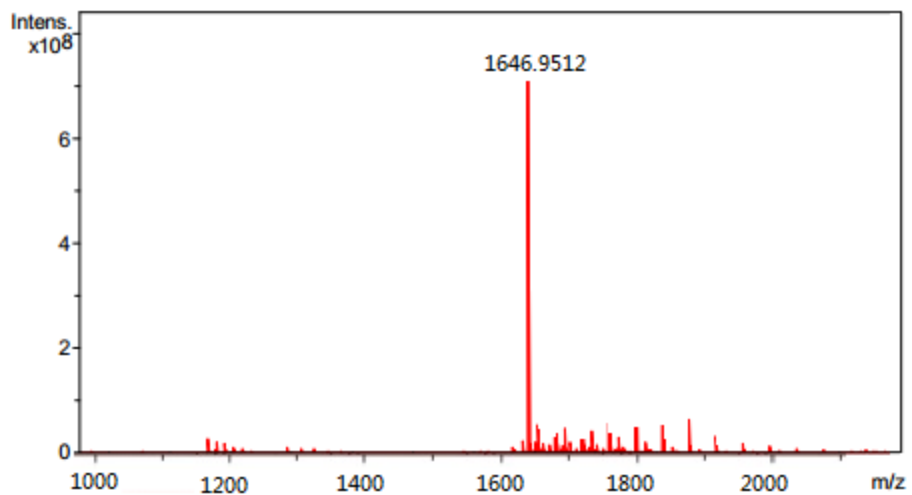


Fig. S5. The HR-MS spectrum of compound MACM-CAT.

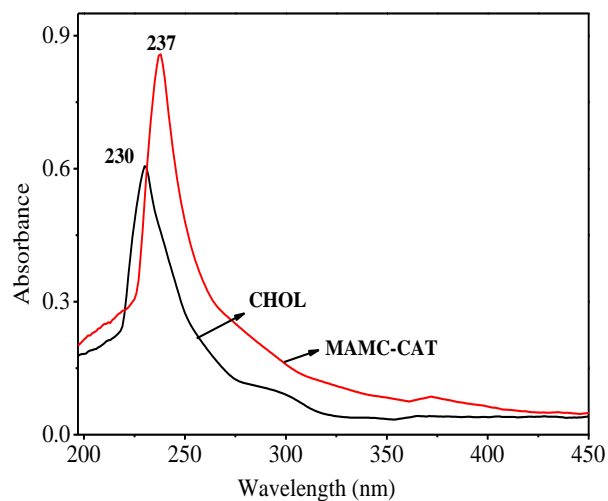


Fig. S6. UV-vis absorption spectra of CHOL and MACM-CAT in CH₂Cl₂ (1×10^{-3} M).