Supplementary Materials

Carvacrol Loaded Solid Lipid Nanoparticles of Propylene Glycol Monopalmitate and Glyceryl Monostearate: Preparation, Characterization, and Synergistic Antimicrobial Activity

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Figure S1. ¹H NMR spectra of PGMP. ¹H NMR (400 MHz, DMSO-d6): 0.85 (t, J = 4.0 Hz, 3H), 1.03 (d, J = 4.0 Hz, 3H), 1.23 (s, 24H), 1.51 (s, 2H), 2.28 (t, J = 4.0 Hz, 2H), 3.78-3.87 (m, 2H).

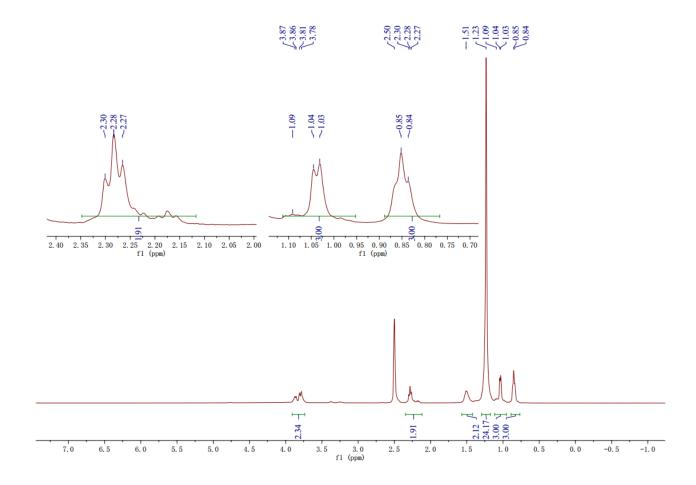


Figure S2. FT-IR spectra of PGMP. FT-IR (KBr, cm⁻¹): 3404 (stretching of OH), 2919 (stretching of alkyl group), 2849 (stretching of alkyl group), 1743 (stretching of C=O), 1460 (bending vibration of alkyl group), 1248 (skeletal vibration of C-C), 1106 (stretching of C-O), 725 (rocking of long C-H group).

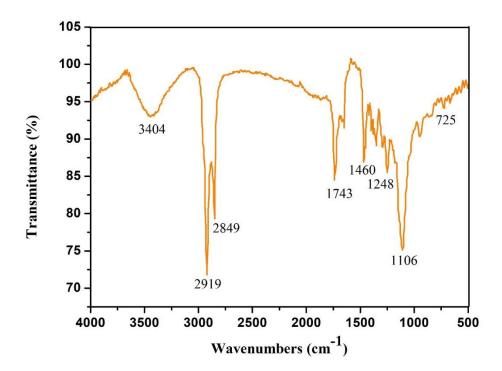


Figure S3. ESI-MS of PGMP. ESI-MS m/z (%): 337.37 ([M+Na]+, 100).

