

Supplementary

Thymol-Modified Oleic and Linoleic Acids Encapsulated in Polymeric Nanoparticles: Enhanced Bioactivity, Stability, and Biomedical Potential

Maria B. Sokol^{1,*}, Vera A. Sokhraneva^{2,3}, Nataliya V. Groza², Mariia R. Mollaeva¹, Nikita G. Yabbarov¹, Margarita V. Chirkina¹, Anna A. Trufanova¹, Vladimir I. Popenko³, Elena D. Nikolskaya^{1,*}

¹ N.M. Emanuel Institute of biochemical physics of Russian academy of sciences, 119334, Moscow, Russia; mollaevamariia@gmail.com (M.R.M.); yabbarovng@gmail.com (N.G.Y.); chir.marg@mail.ru (M.V.C.); puzinoaa@gmail.com (A.A.T.)

² N.A. Preobrazhensky Department of Chemistry and Technology of Biologically Active Compounds, Medicinal and Organic Chemistry, M.V. Lomonosov Institute of Fine Chemical Technologies, MIREA – Russian Technological University, 119571 Moscow, Russia; sokhraneva.v@mail.ru (V.A.S.); grozanv@gmail.com (N.V.G.)

³ Engelhardt Institute of Molecular Biology, Russian Academy of Sciences, 11999, Moscow, Russia; popenko@eimb.ru (V.I.P.)

* Correspondence: mariyabsokol@gmail.com (M.B.S.); elenanikolskaja@gmail.com (E.D.N.)

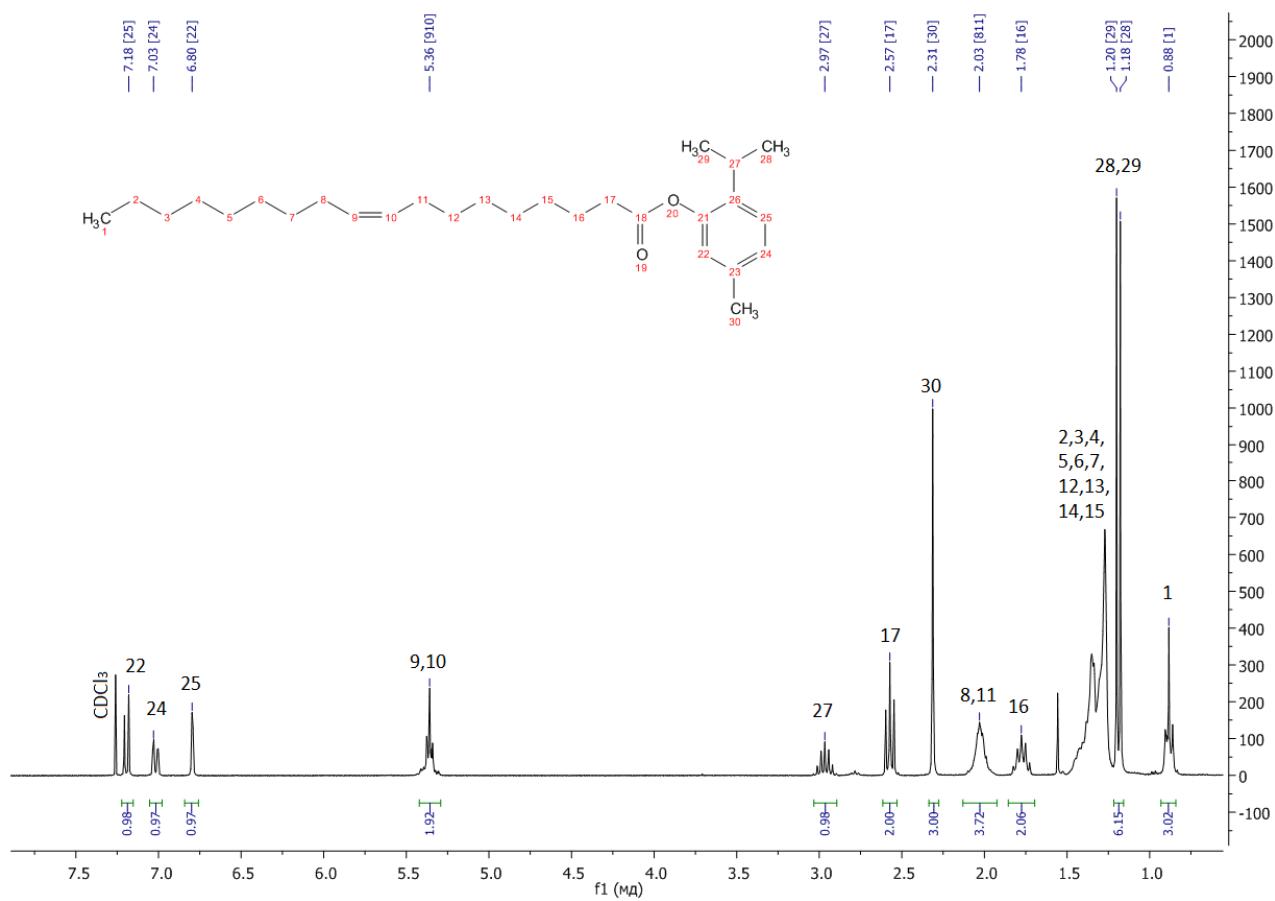


Figure S1. ¹H NMR spectrum of 2-isopropyl-5-methylphenyloleate (TOA).

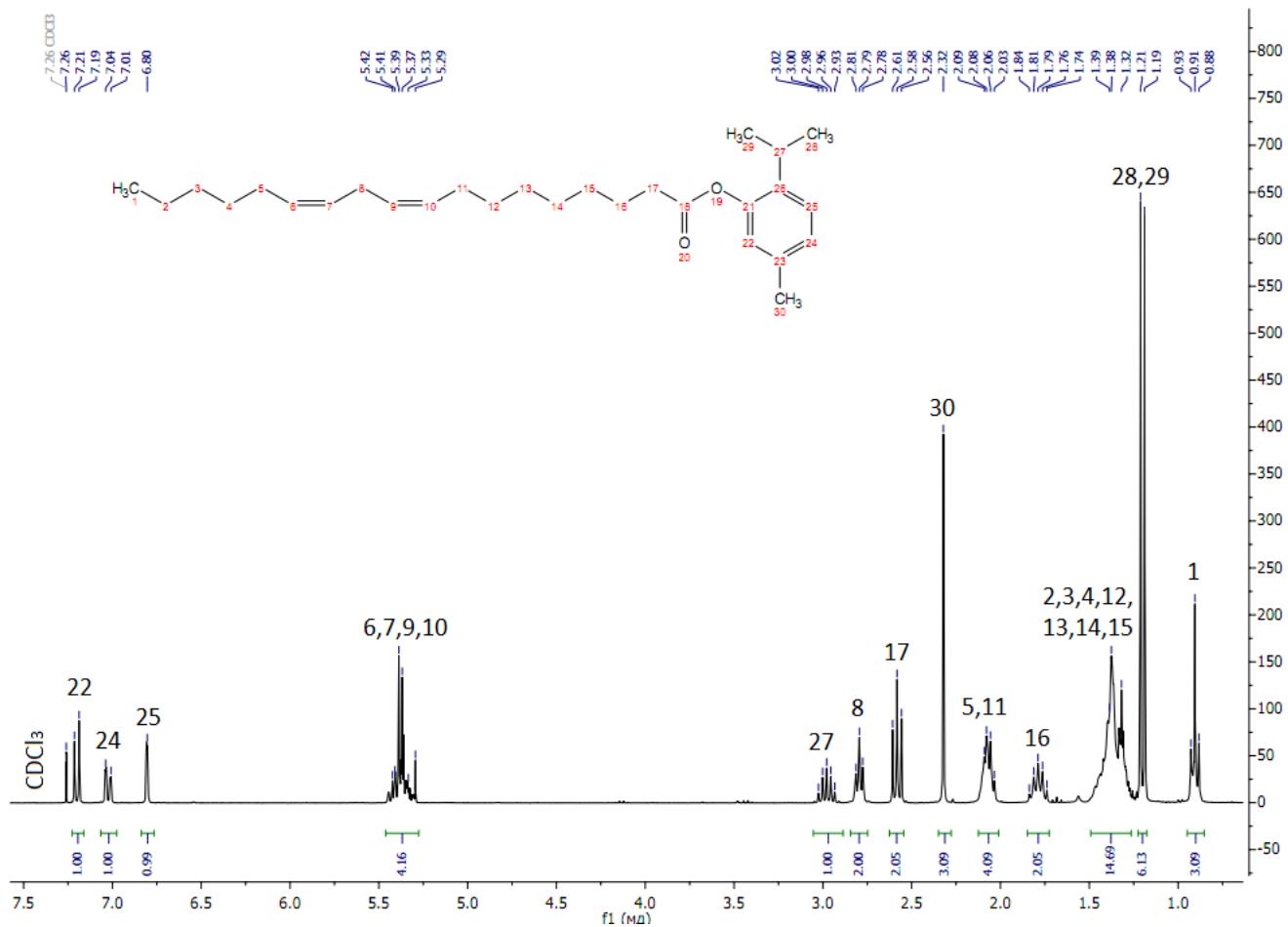


Figure S2. ¹H NMR spectrum of 2-isopropyl-5-methylphenyllinoleate (TLA).

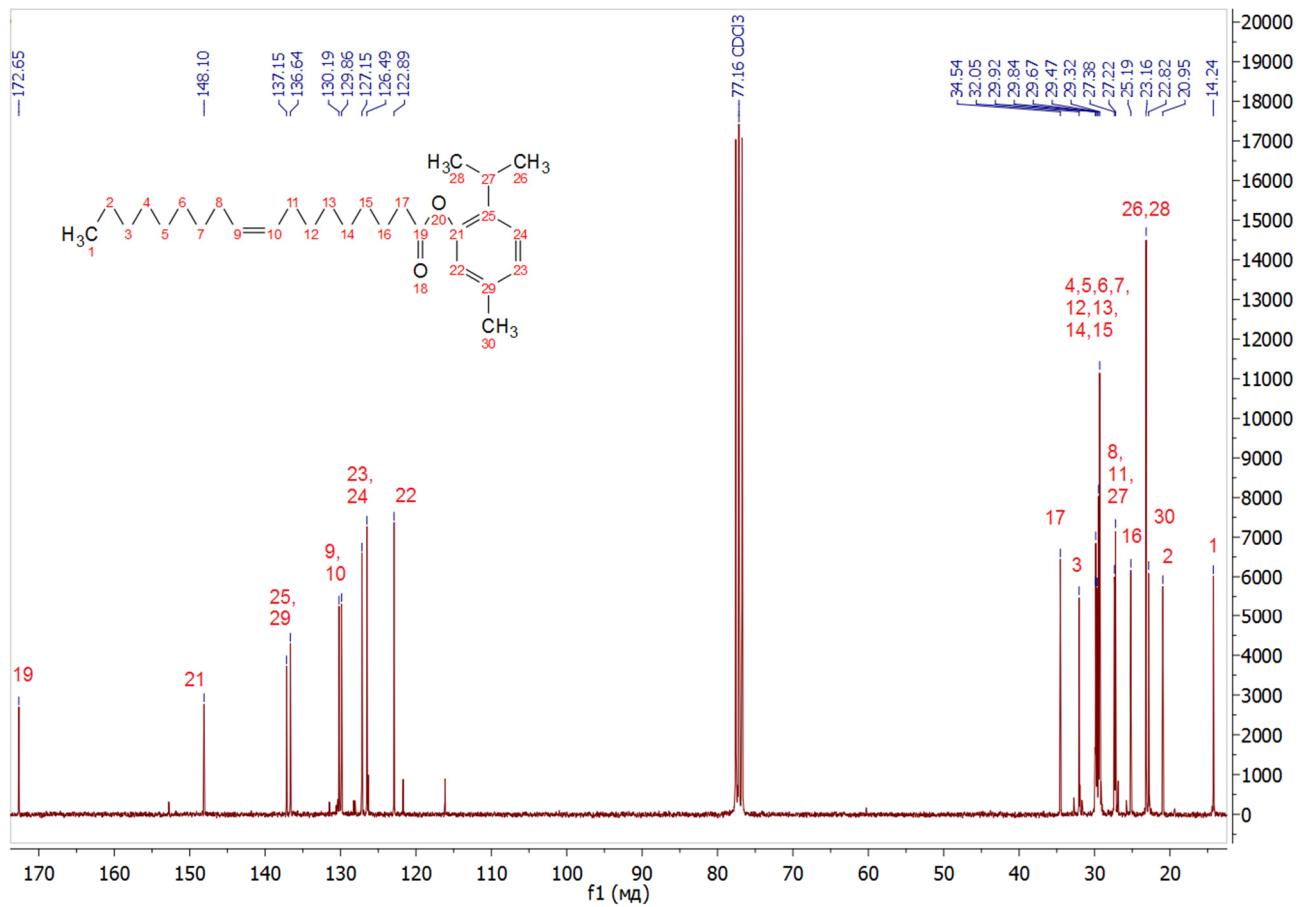


Figure S3. ¹³C NMR spectrum of 2-isopropyl-5-methylphenyloleate (TOA).

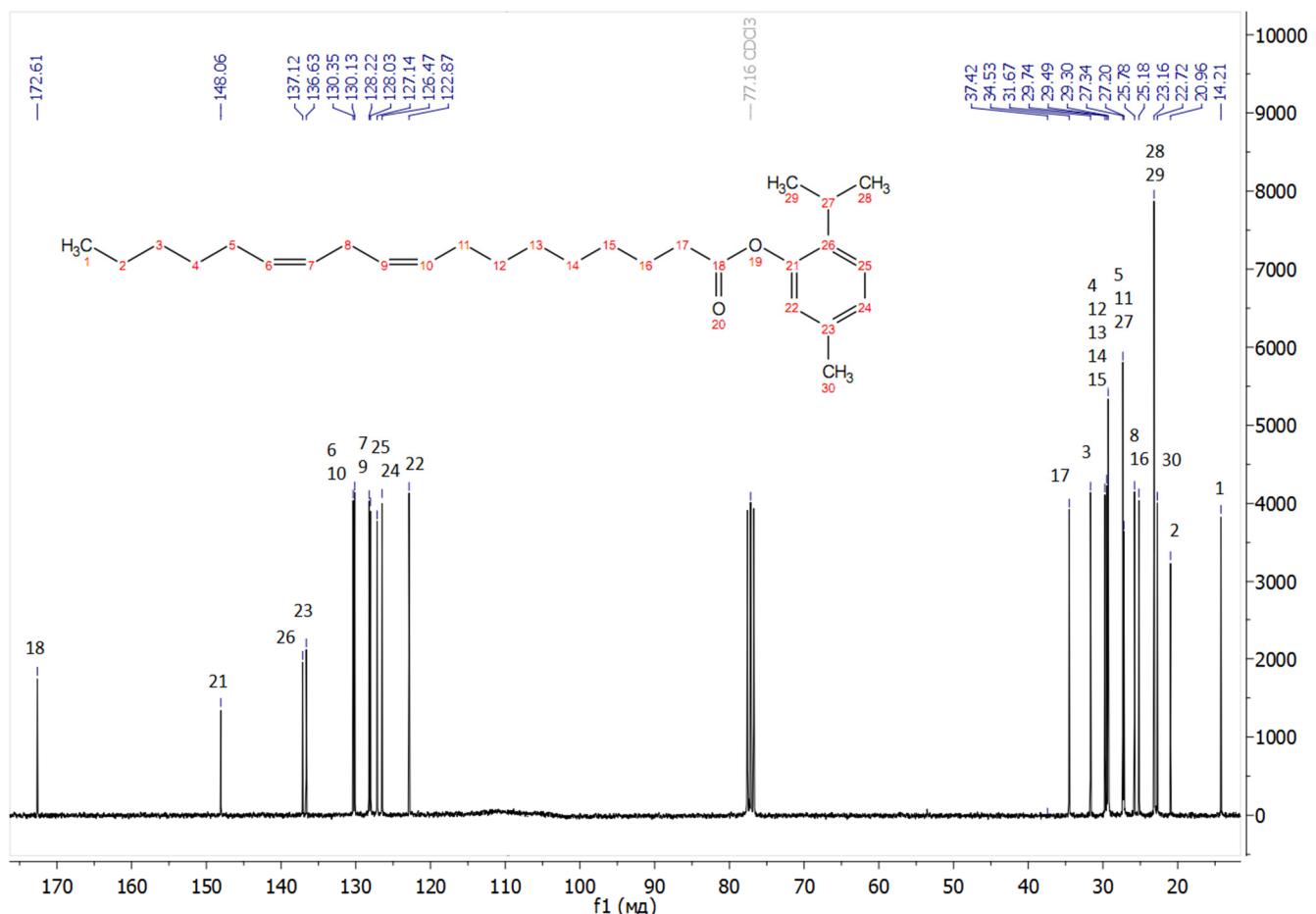


Figure S4. ^{13}C NMR spectrum of 2-isopropyl-5-methylphenyllinoleate (TLA).