

Supporting Information

for

**Immobilization of *Thermomyces Lanuginosus* Lipase on ZnO Nanoparticles:
Mimicking the Interfacial Environment**

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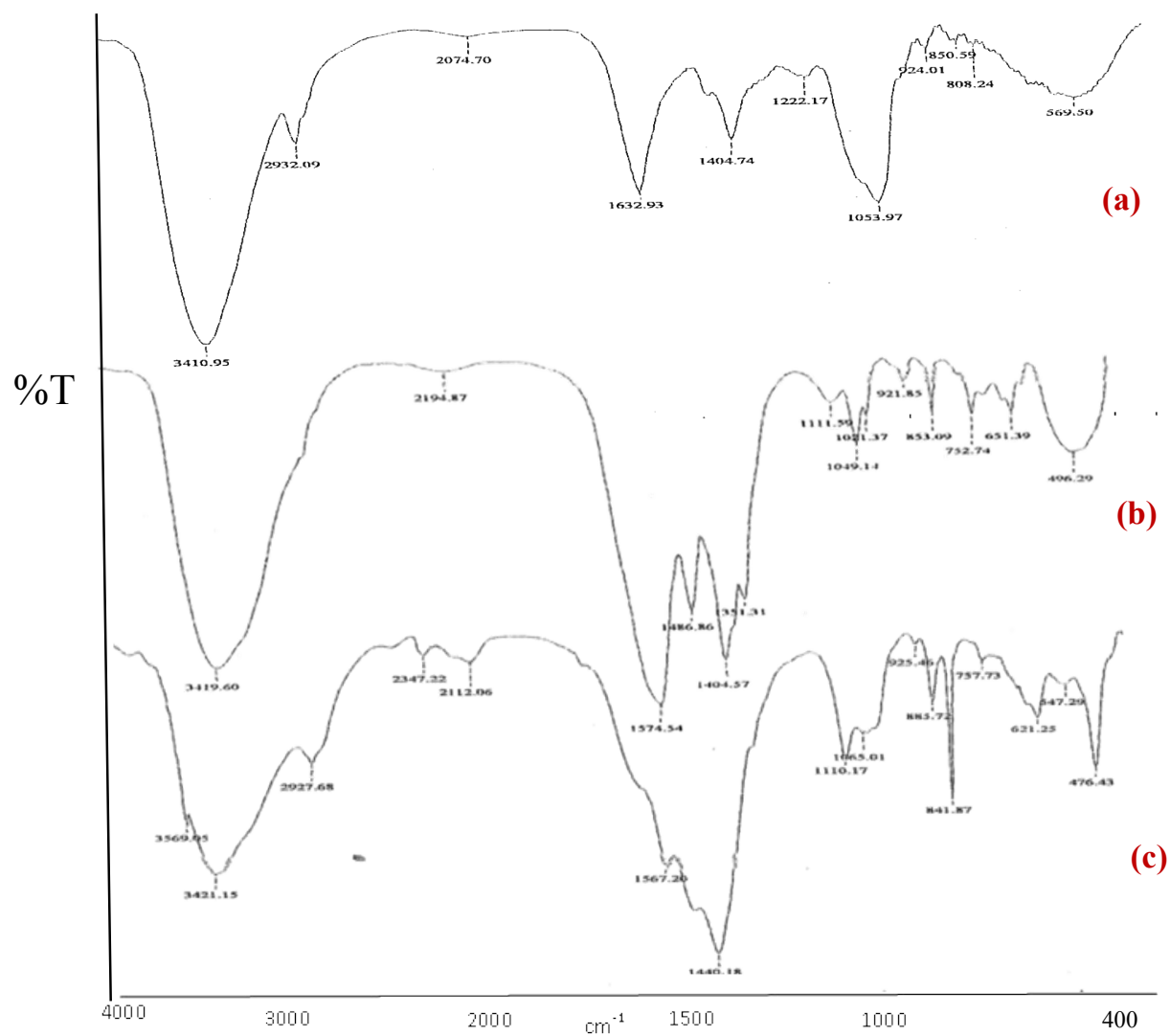


Figure S1. FTIR spectra of (a) free TLL enzyme (b) ZnO/Glycine nanoparticles (c) ZnO/Glycine/glutaraldehyde/Enzyme nanoparticles.

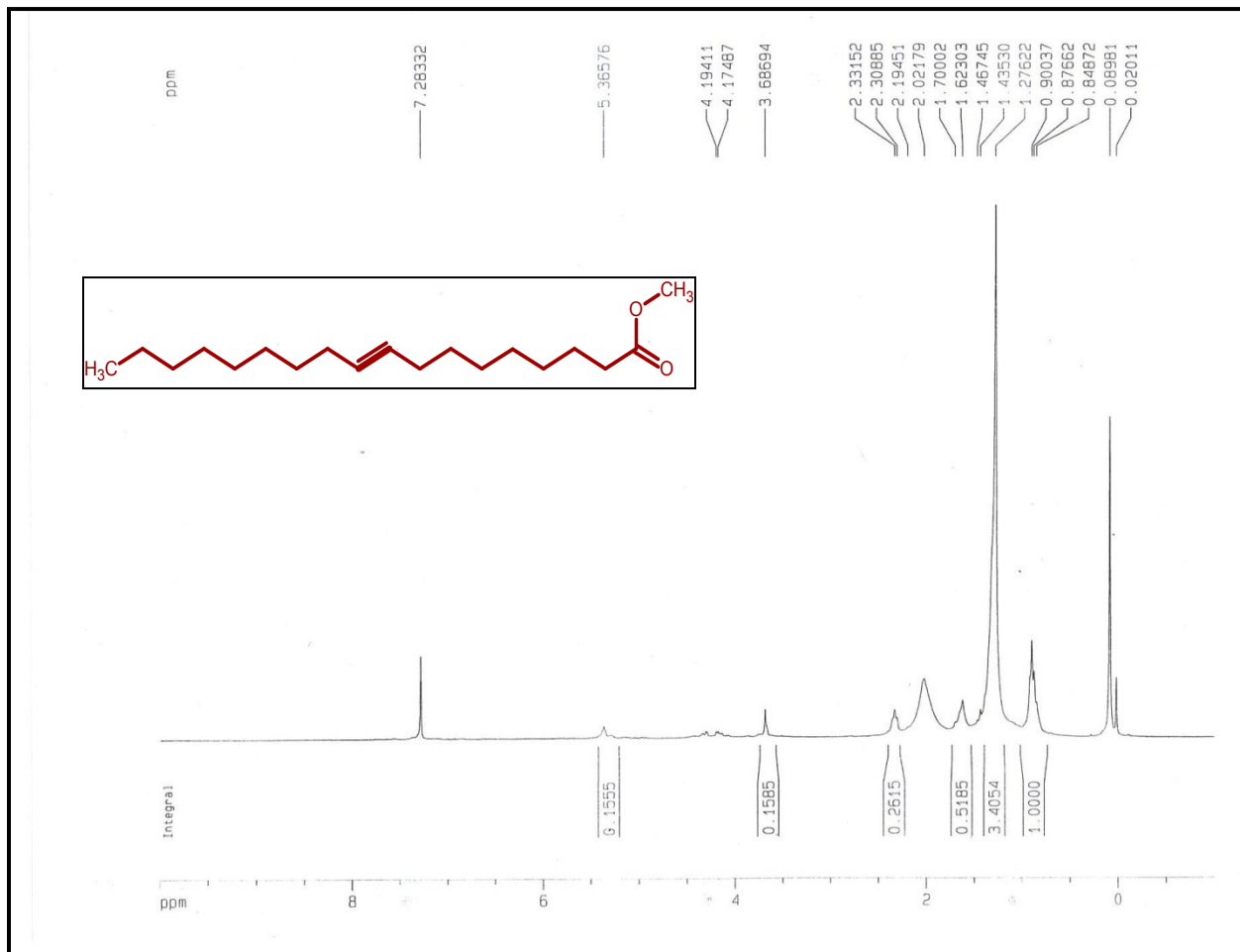


Figure S2. ¹H NMR of methyl oleate (by enzymatic route).

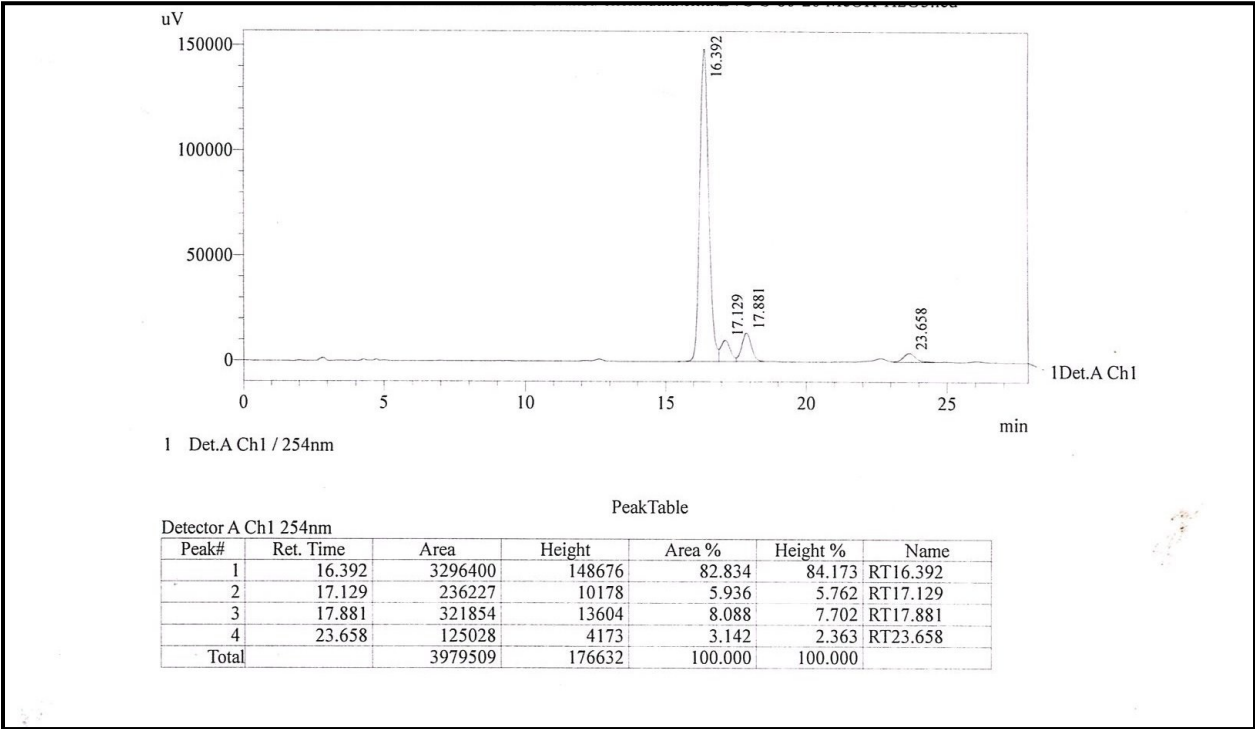


Figure S3. HPLC analysis of methyloleate.

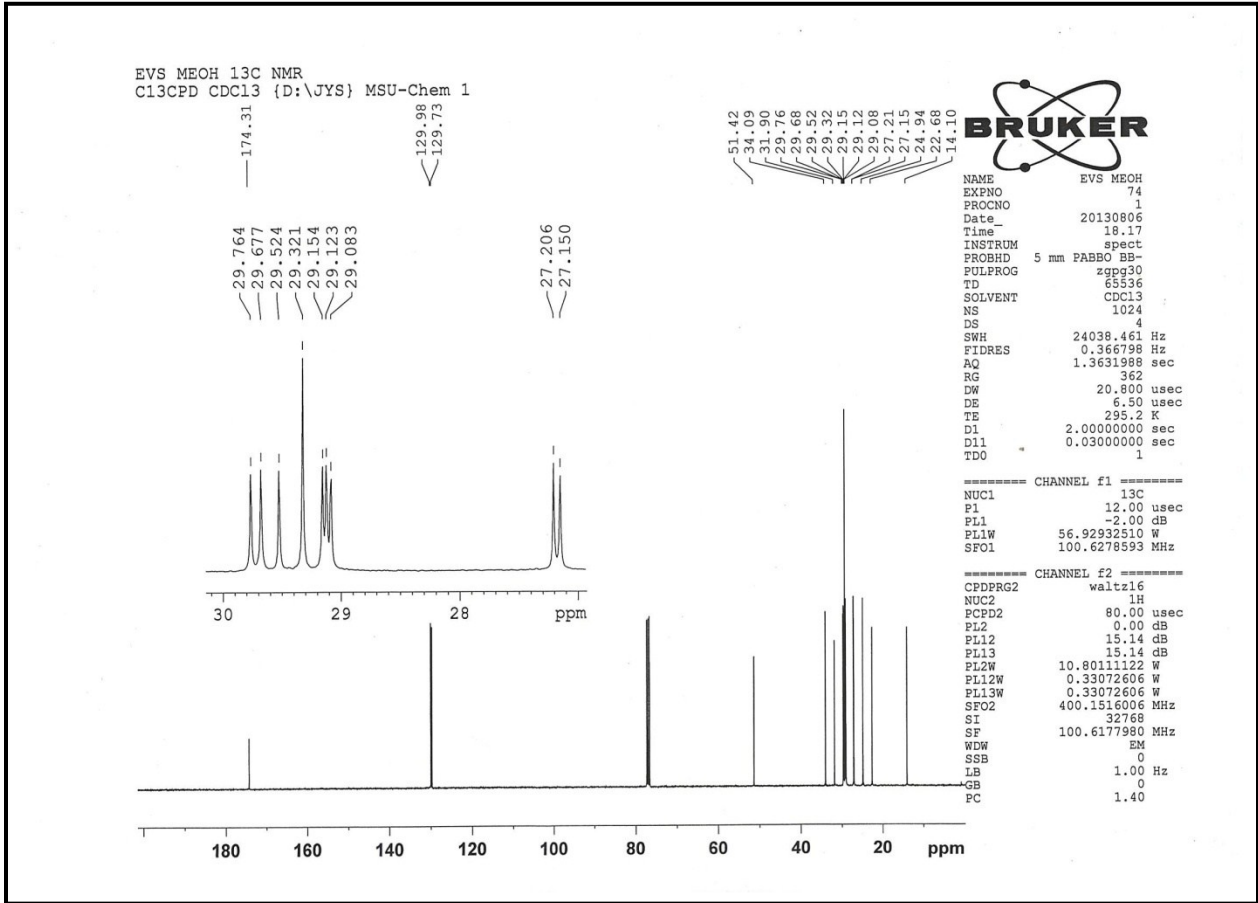


Figure S4. ¹³C NMR of Methyl oleate.