

Supplementary Materials: Alkyl-Substituted δ -Lactones Derived from Dihydrojasmane and Their Stereoselective Fungi-Mediated Conversion: Production of New Antifeedant Agents

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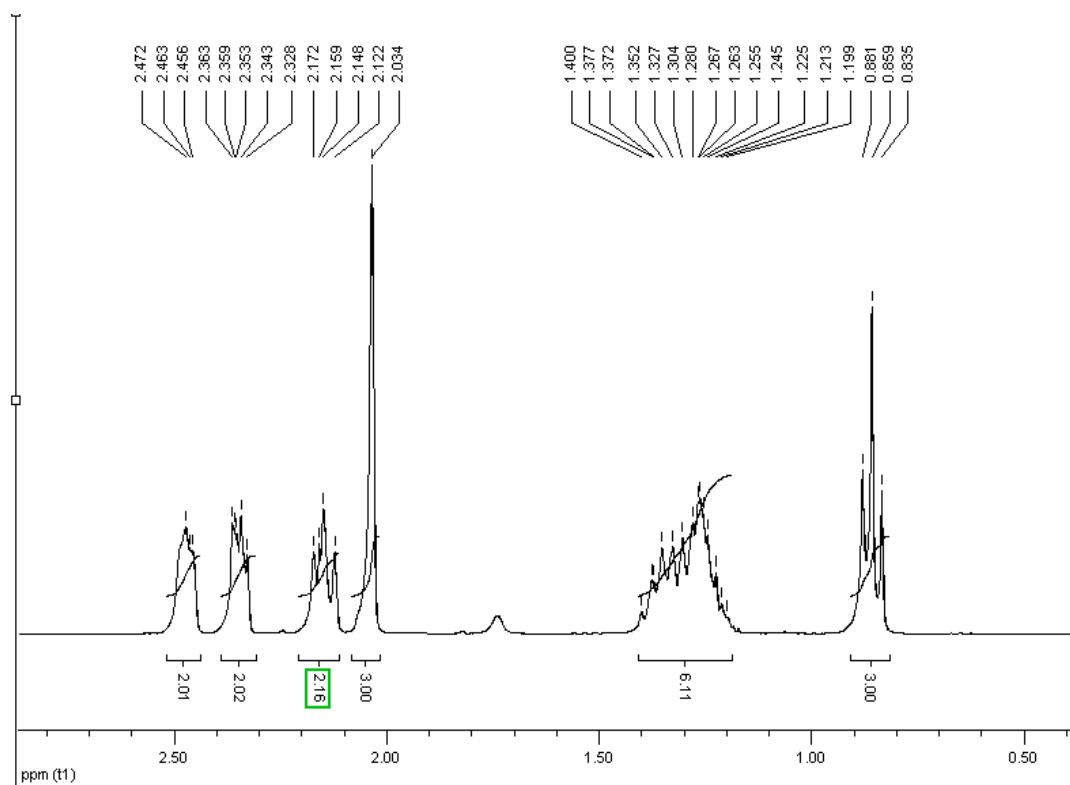
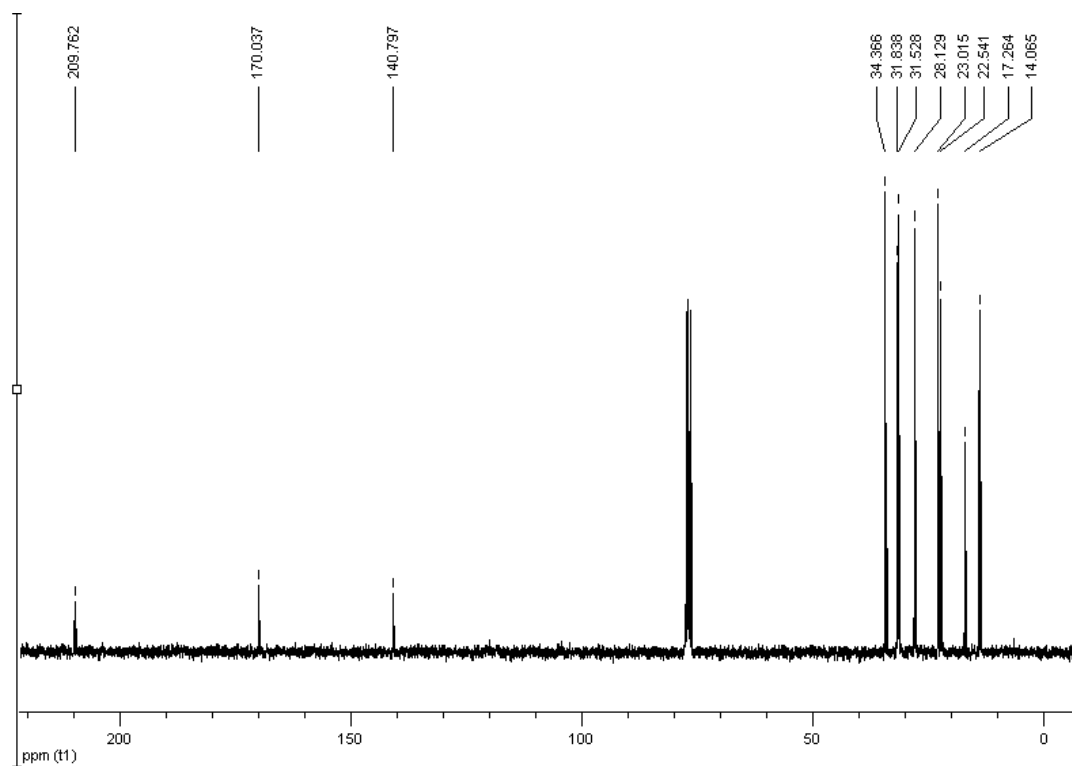
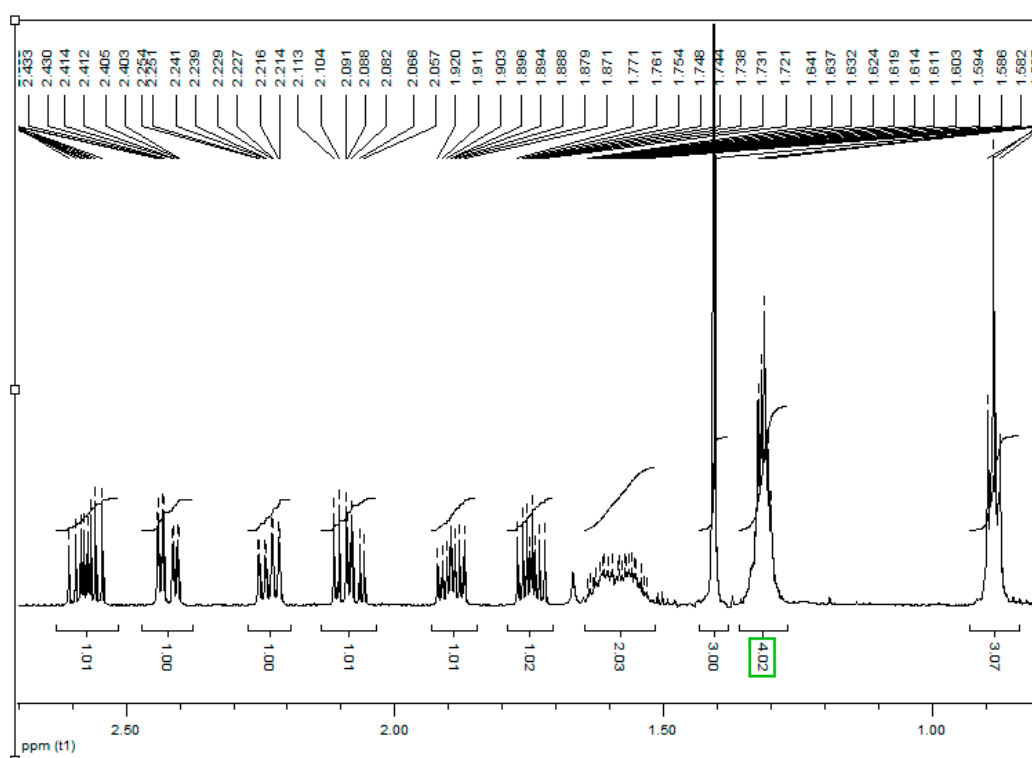


Figure S1. ^1H NMR spectrum of **1**.

Figure S2. ¹³C NMR spectrum of 1.Figure S3. ¹H NMR spectrum of 2.

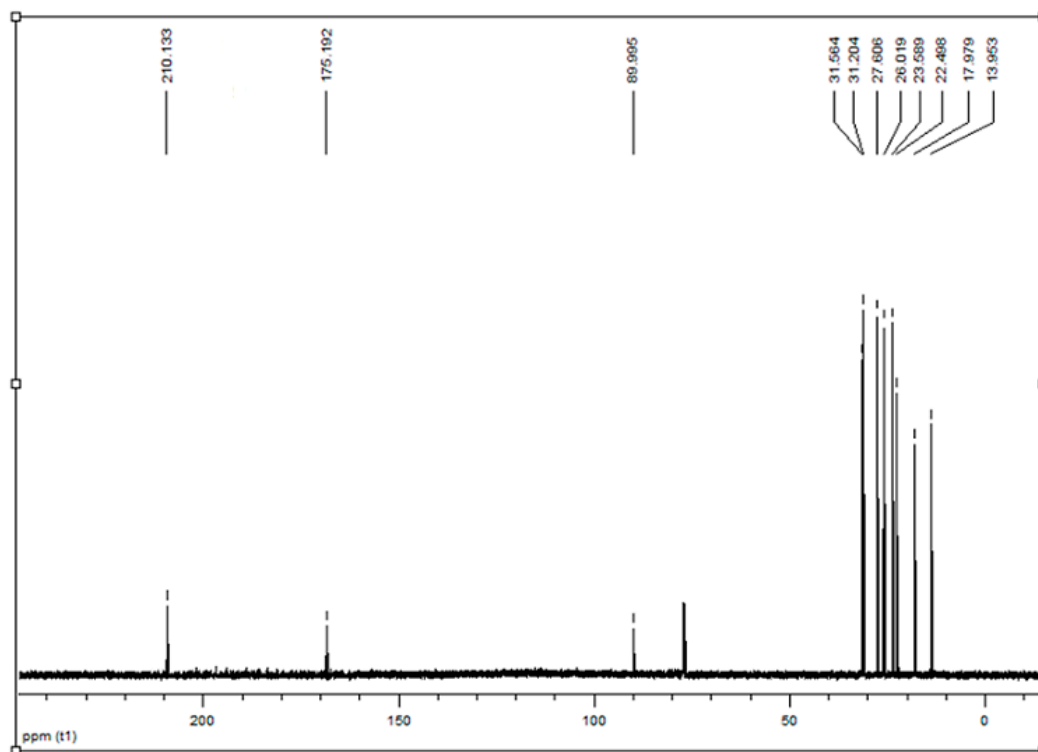
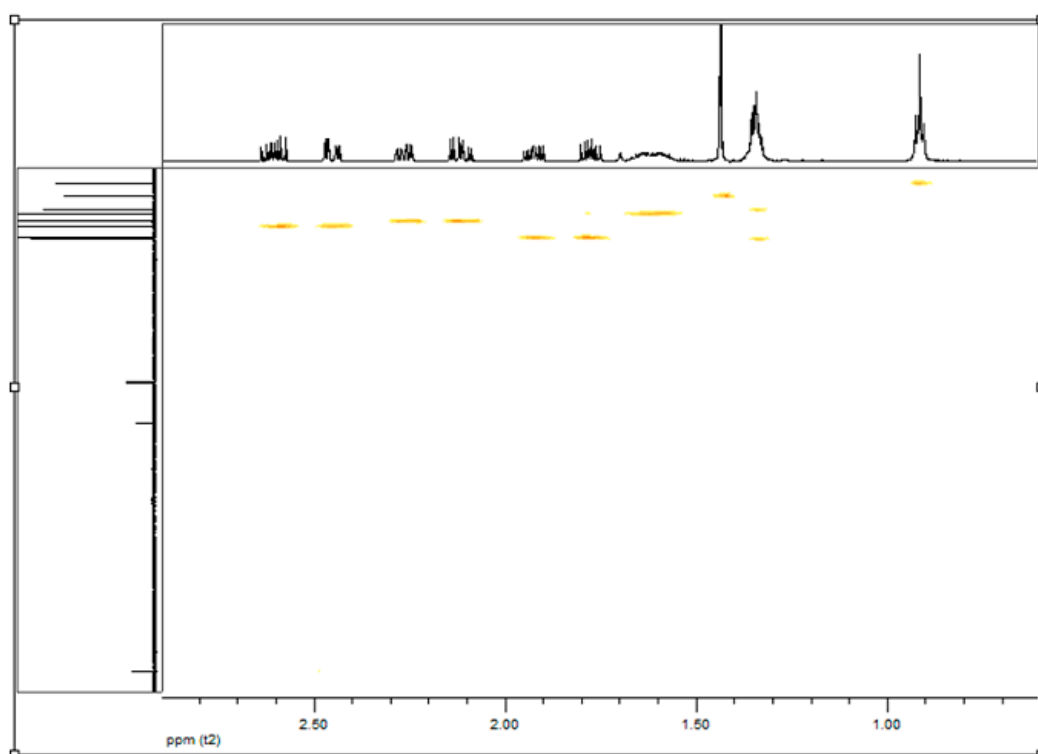
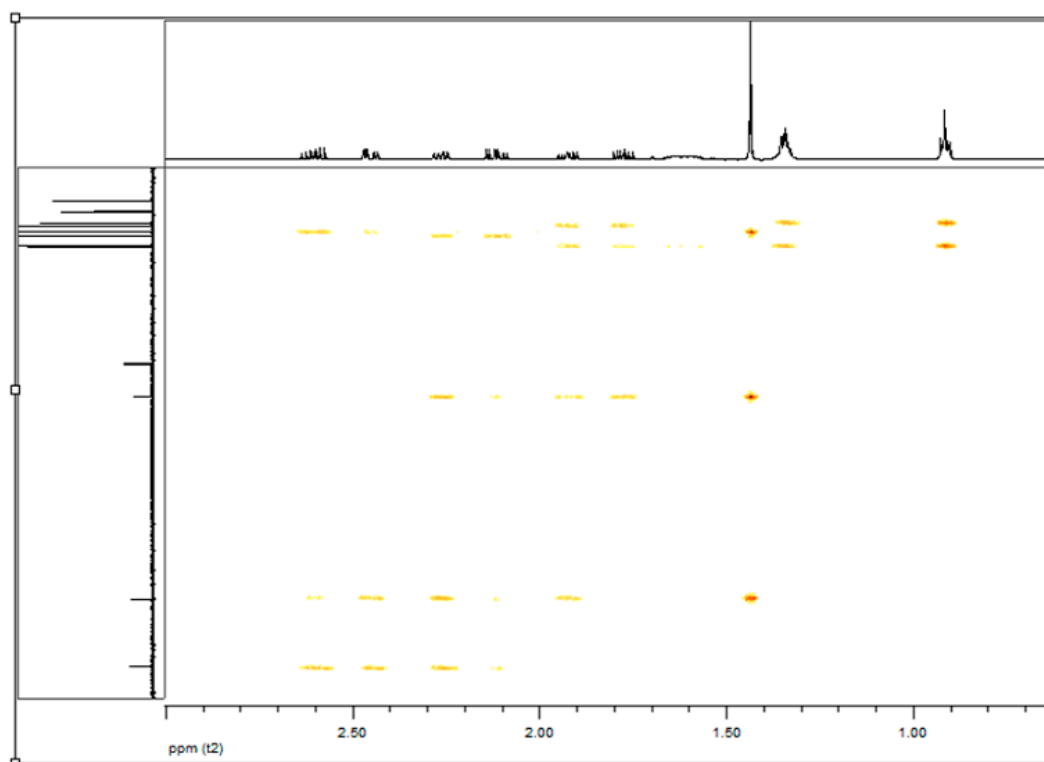
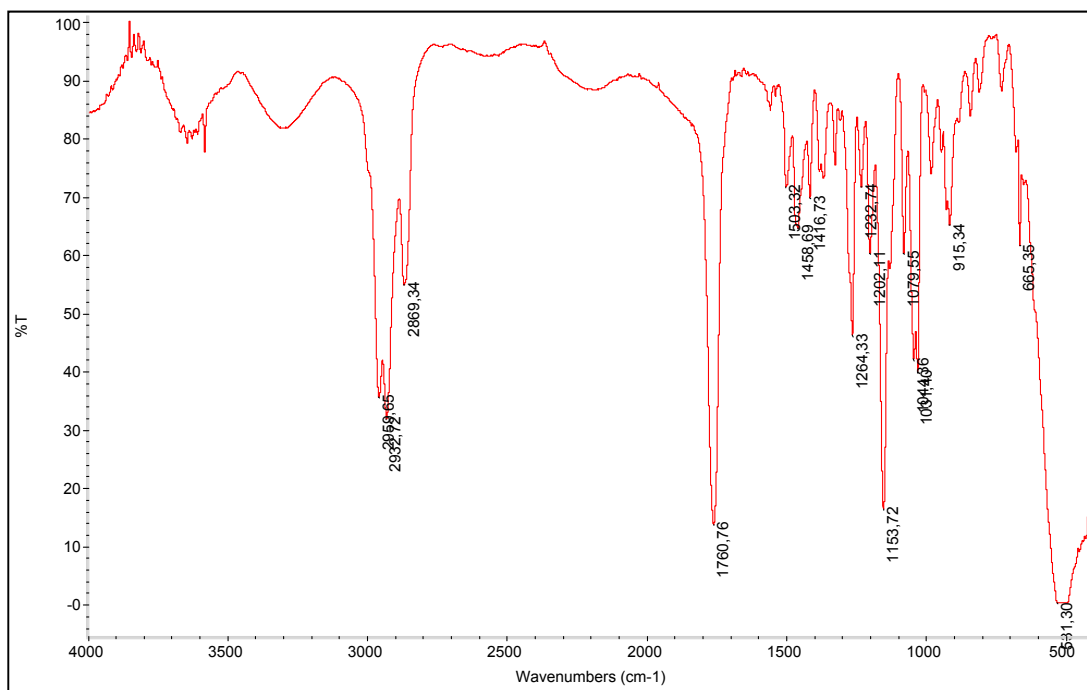
Figure S4. ^{13}C NMR spectrum of 2.

Figure S5. HSQC spectrum of 2.

Figure S6. HMBC spectrum of **2**.Figure S7. IR spectrum of **2**.

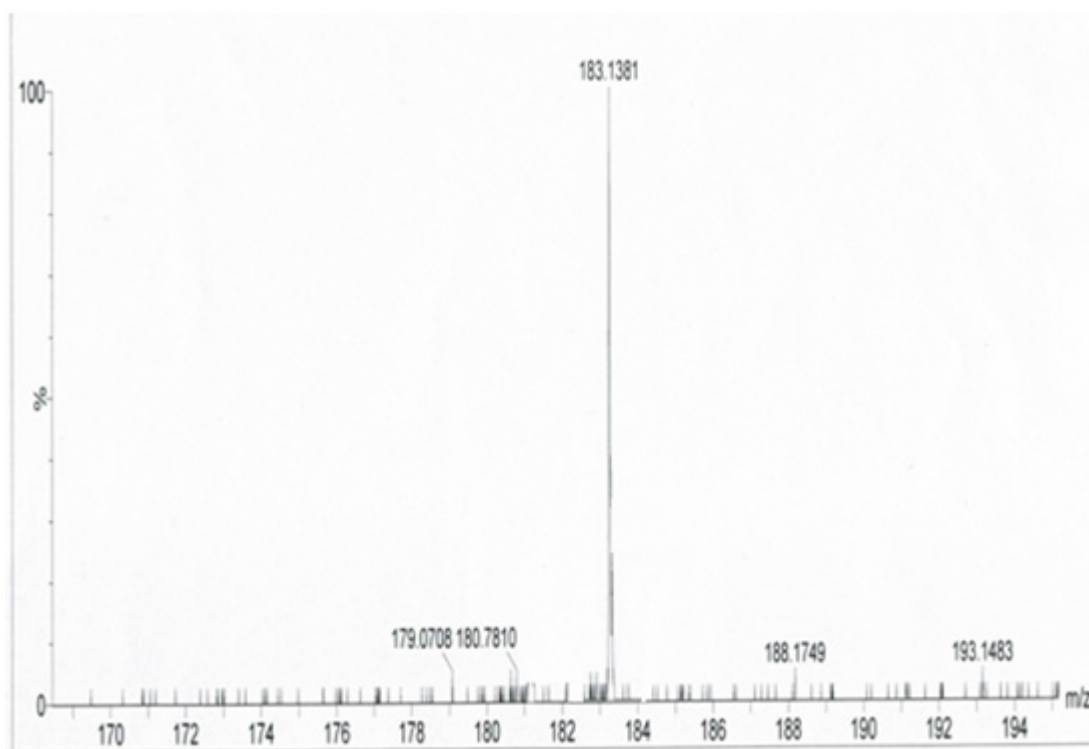
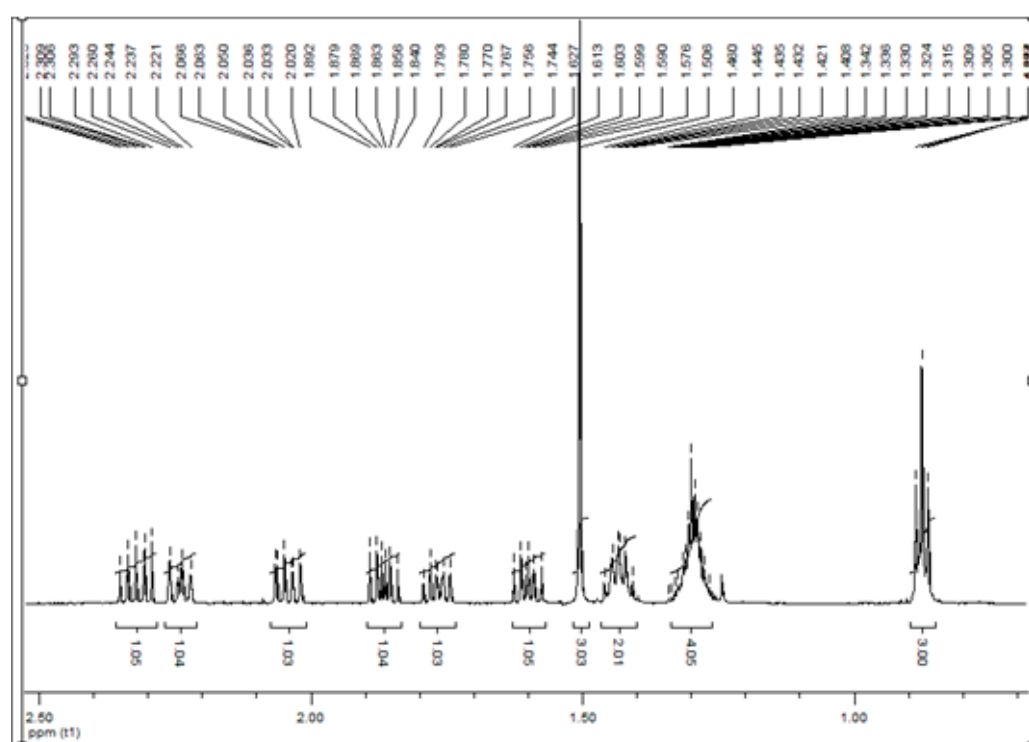


Figure S8. Mass spectrum of 2.

Figure S9. Figure ¹H NMR spectrum of 3.

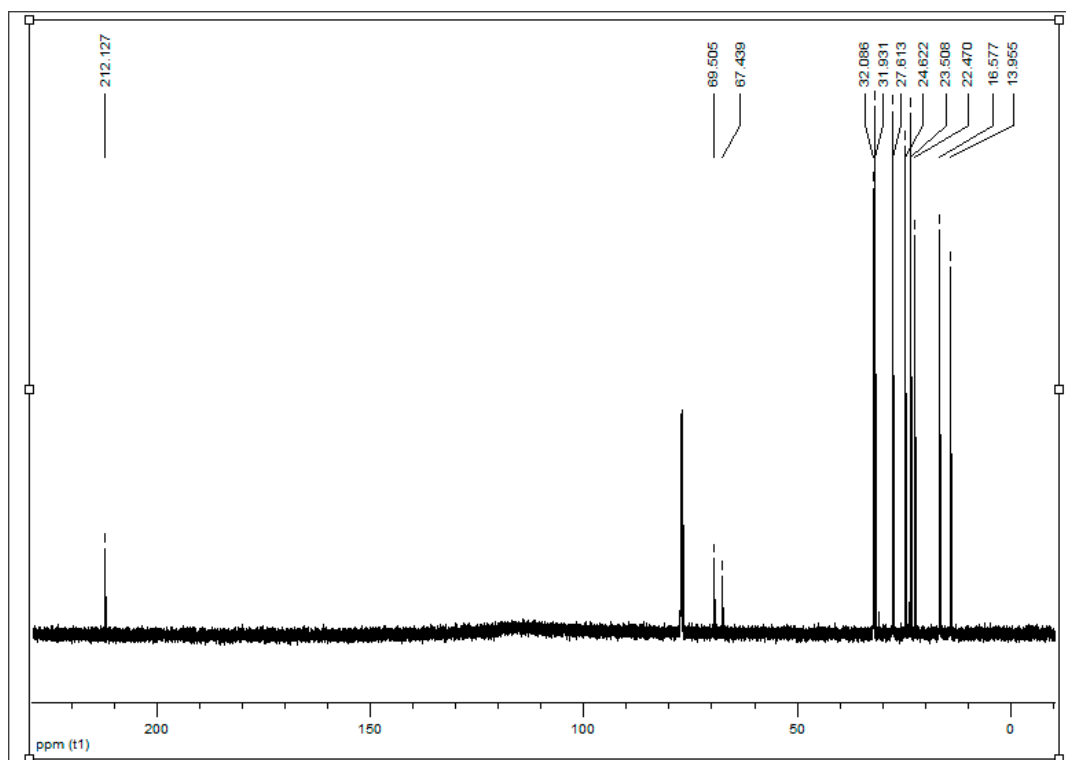


Figure S10. ¹³C NMR spectrum of 3.

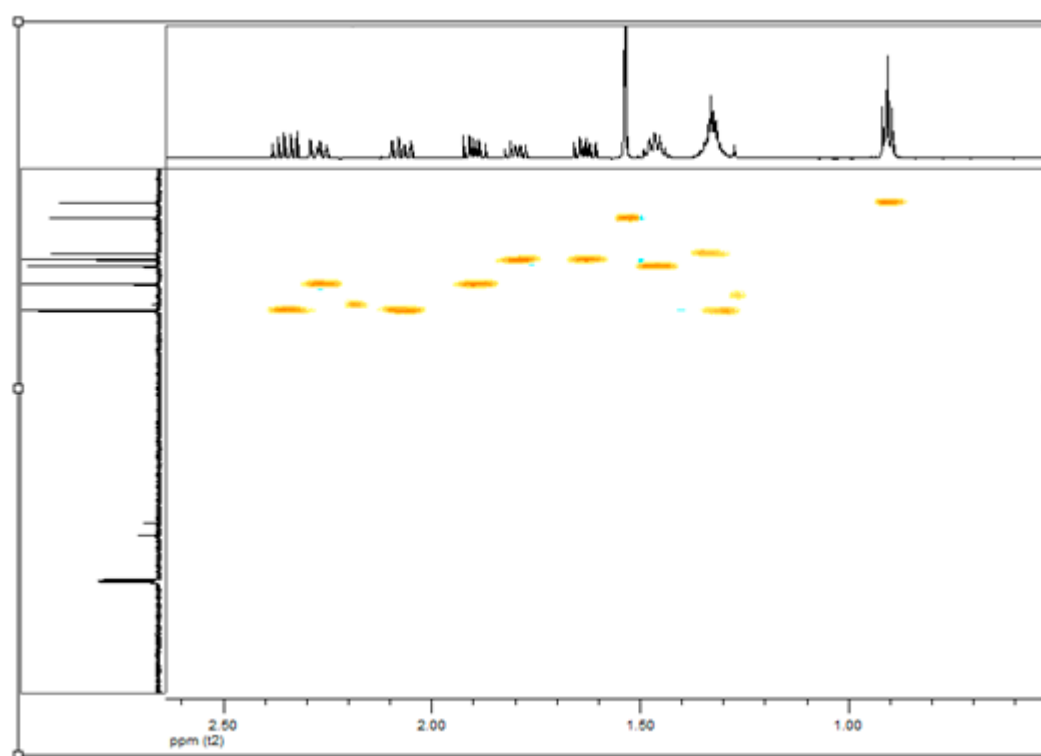


Figure S11. HSQC spectrum of 3.

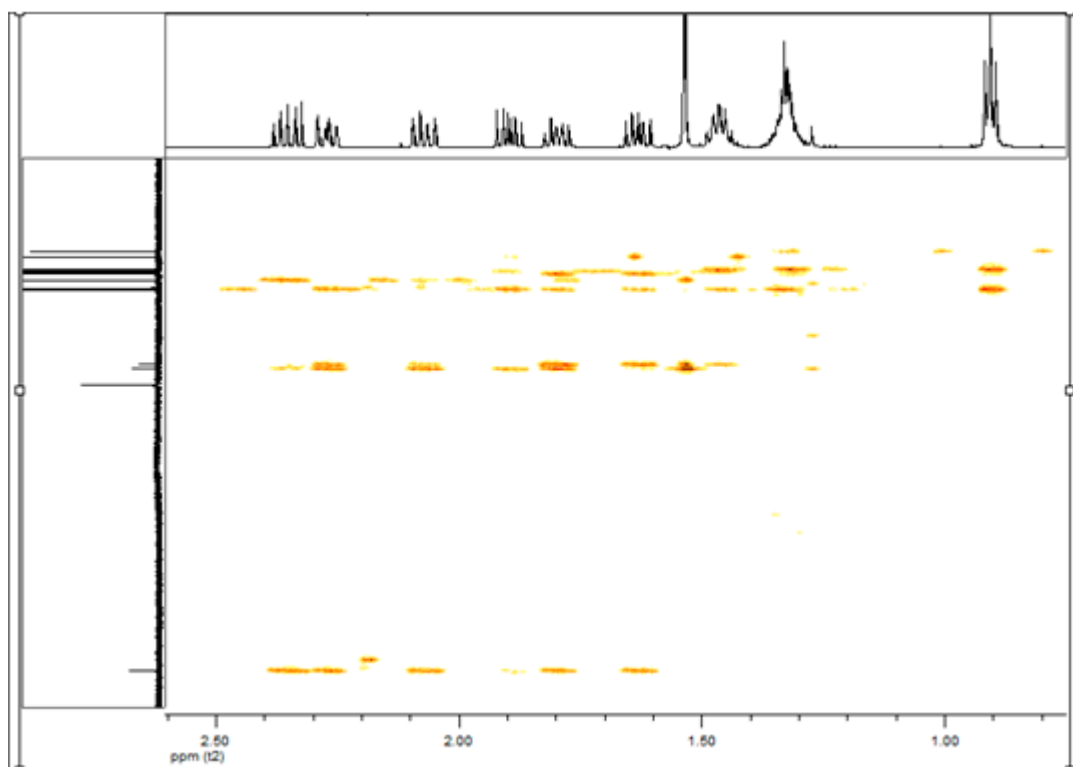


Figure S12. HMBC spectrum of 3.

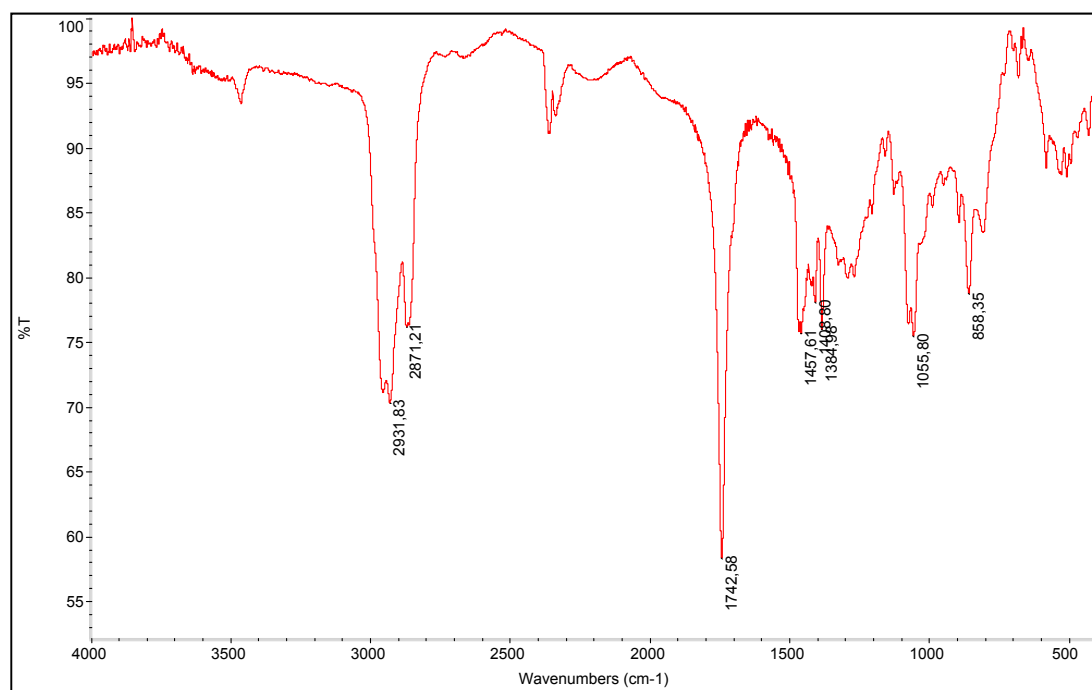


Figure S13. IR spectrum of 3.

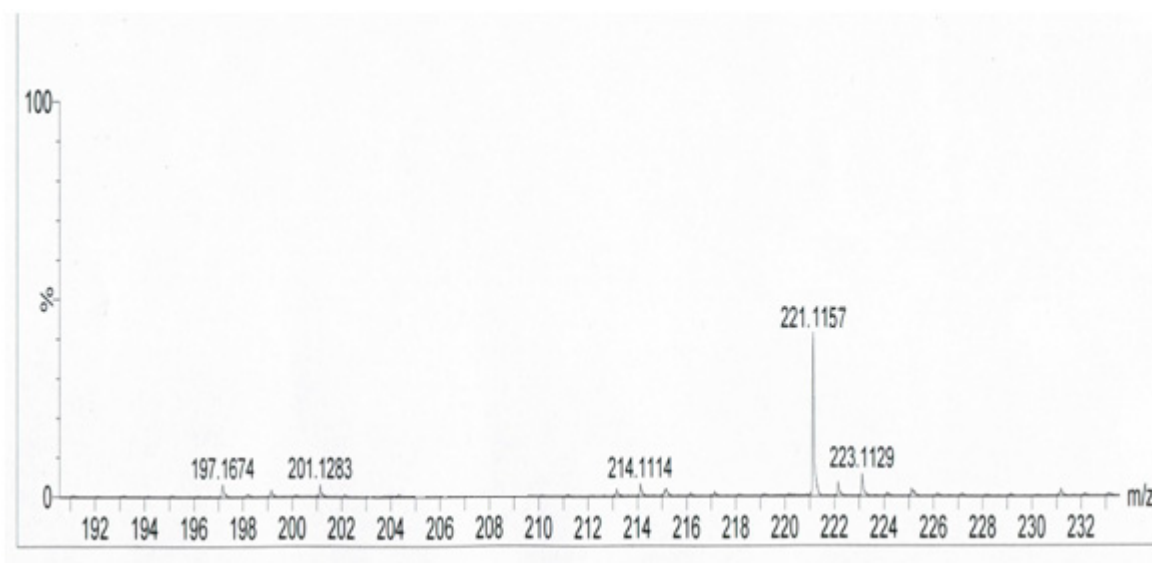


Figure S14. Mass spectrum of 3.

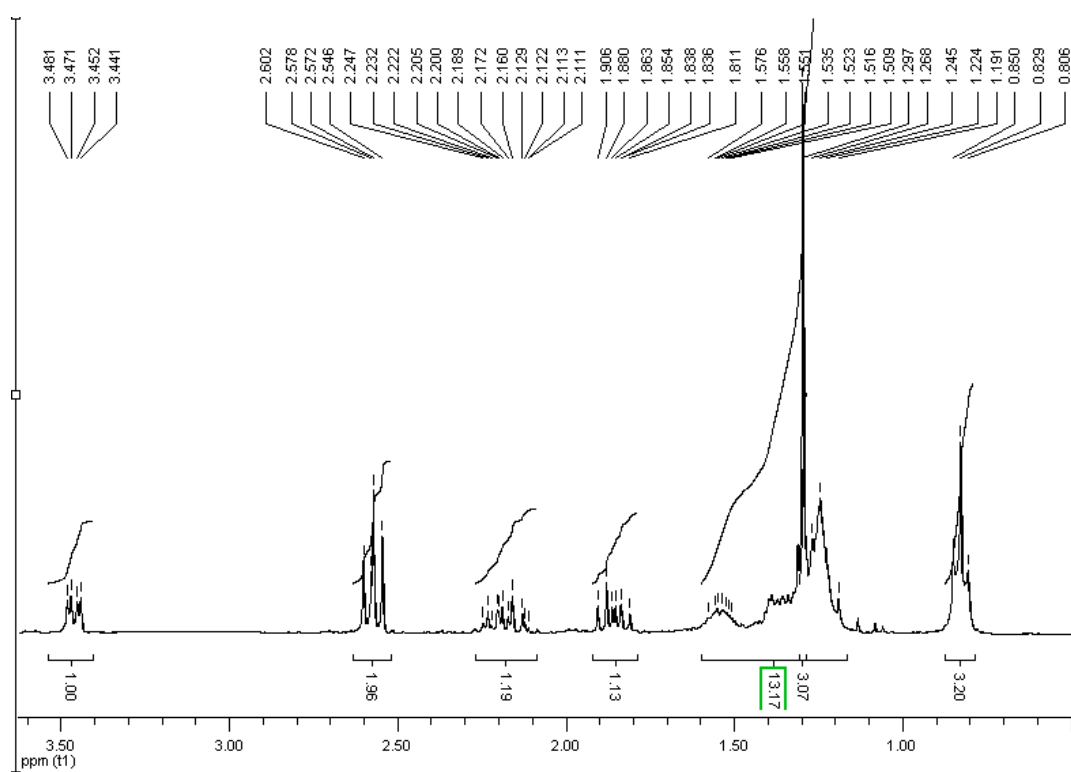


Figure S15. ^1H NMR spectrum of 4.

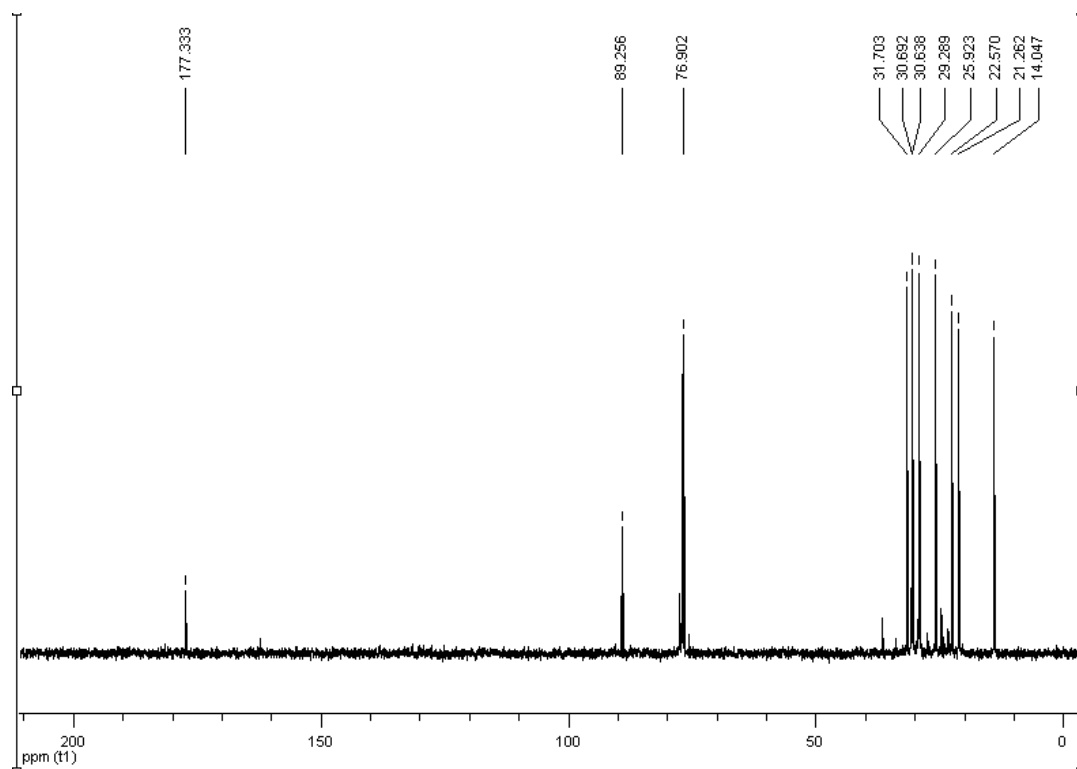
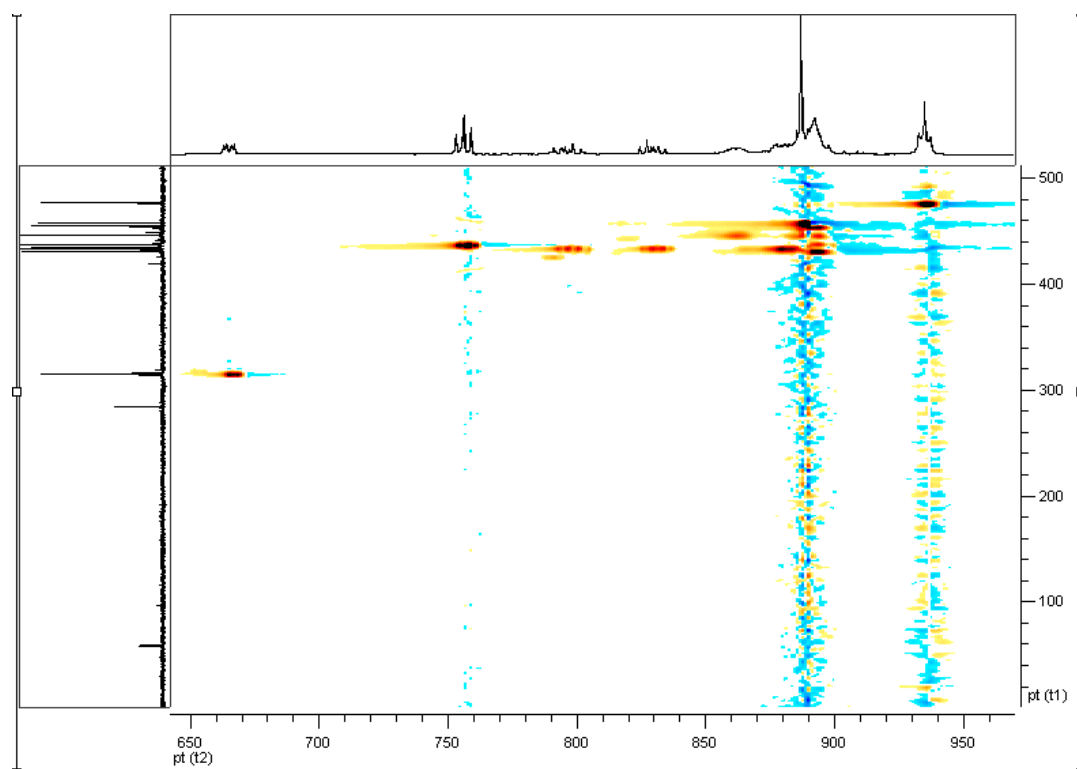
Figure S16. ¹³C NMR spectrum of 4.

Figure S17. HSQC spectrum of 4.

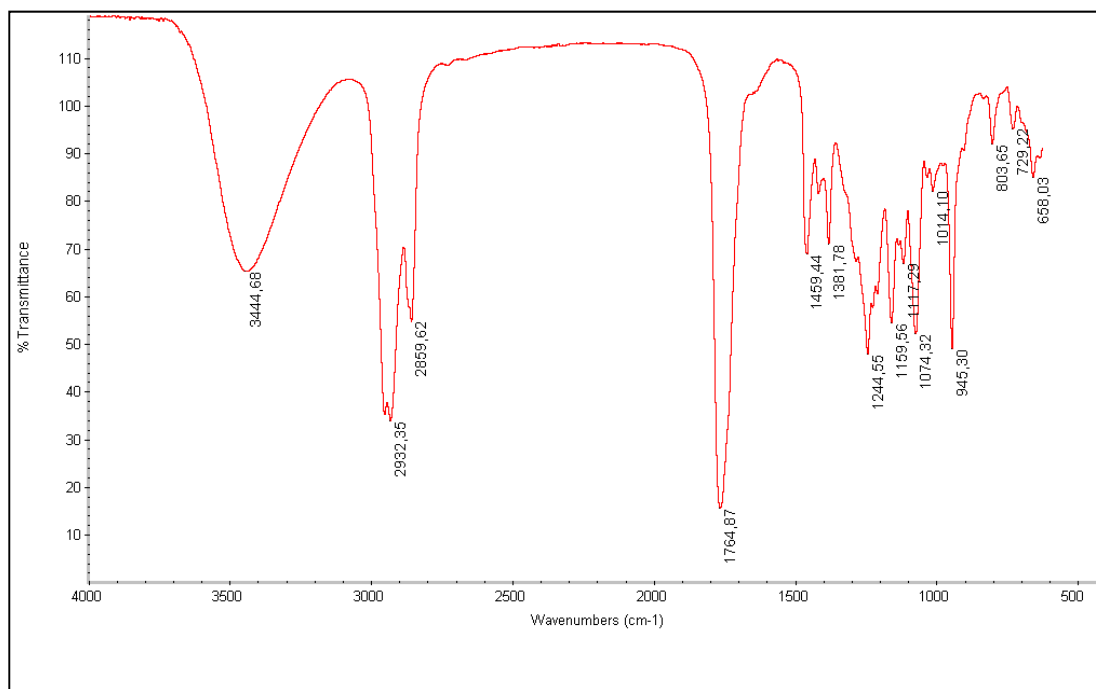
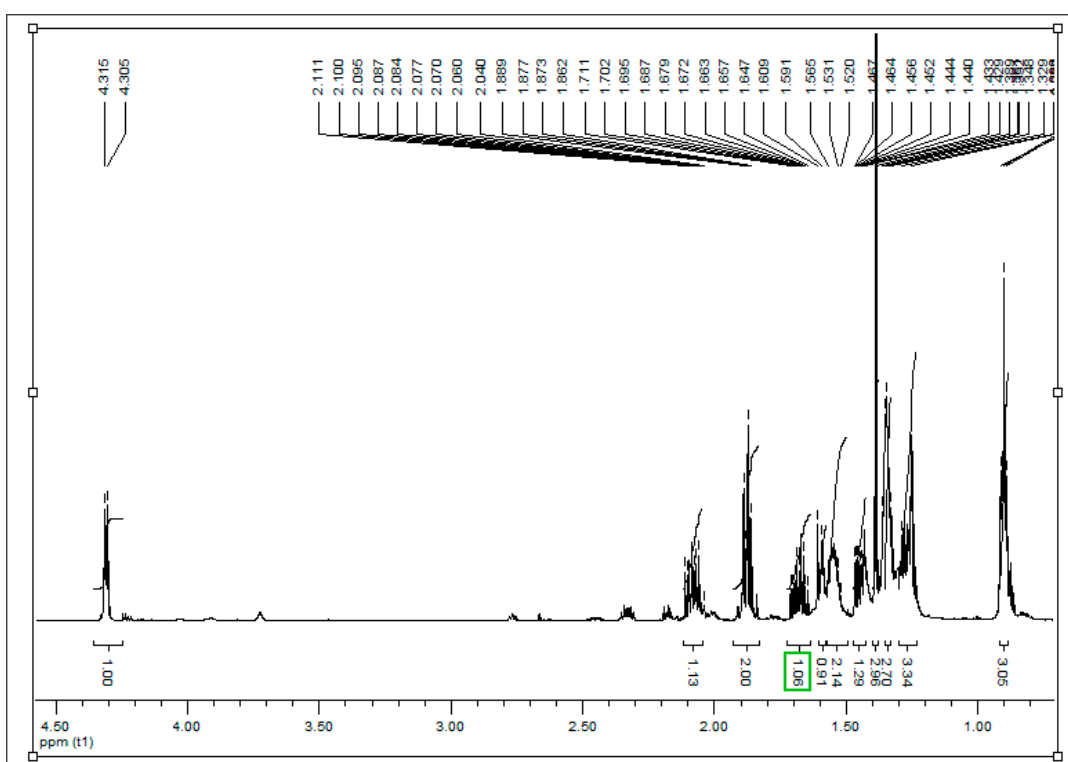


Figure S18. IR spectrum of 4.

Figure S19. ¹H NMR spectrum of 5.

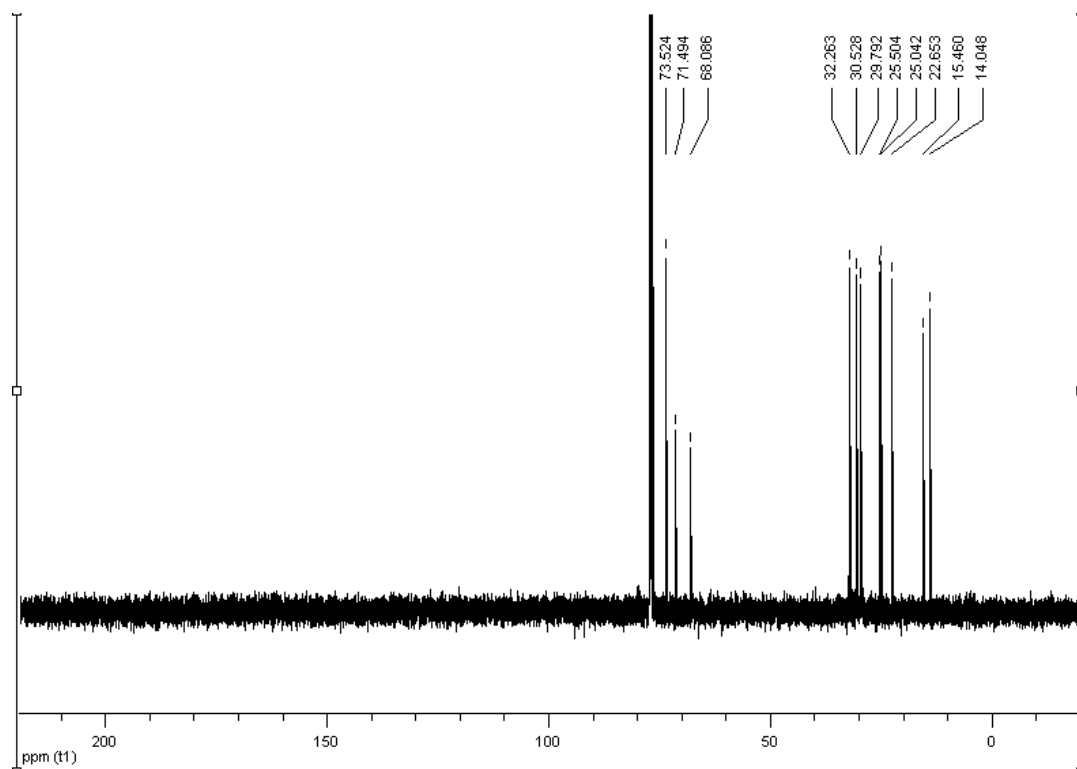
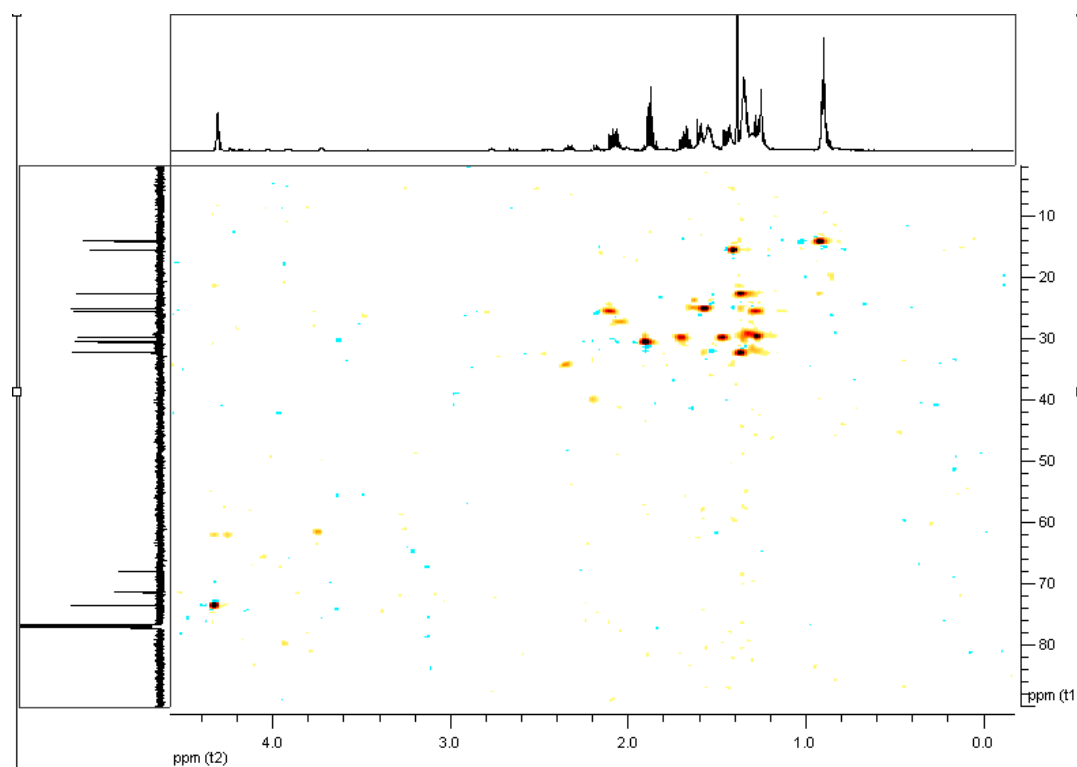
Figure S20. ¹³C NMR spectrum of 5.

Figure S21. HSQC spectrum of 5.

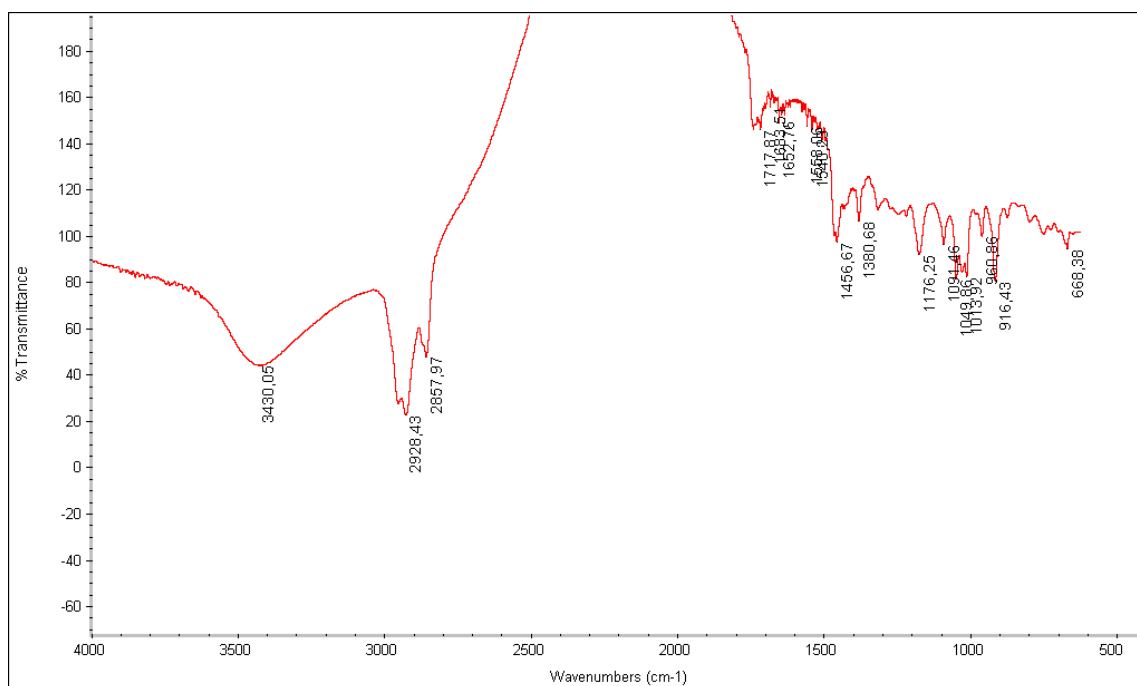


Figure S22. IR spectrum of 5.

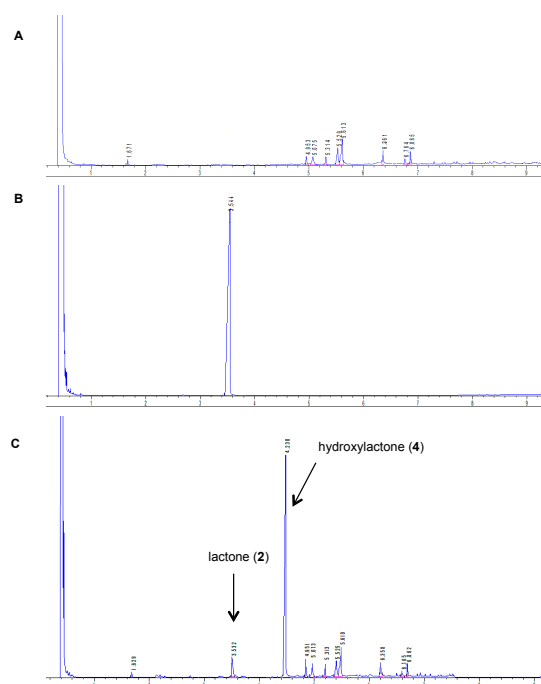


Figure S23. GC chromatograms obtained during the experiment with *F. culmorum* AM10: metabolites of *F. culmorum* AM10 (A), substrate of biotransformation lactone (2) (B), the result of biotransformation of lactone (2) after 1 day (C).