

# Supplementary Information

## Biotransformation of Chalcones by the Endophytic Fungus *Aspergillus flavus* Isolated from *Paspalum maritimum* Trin.

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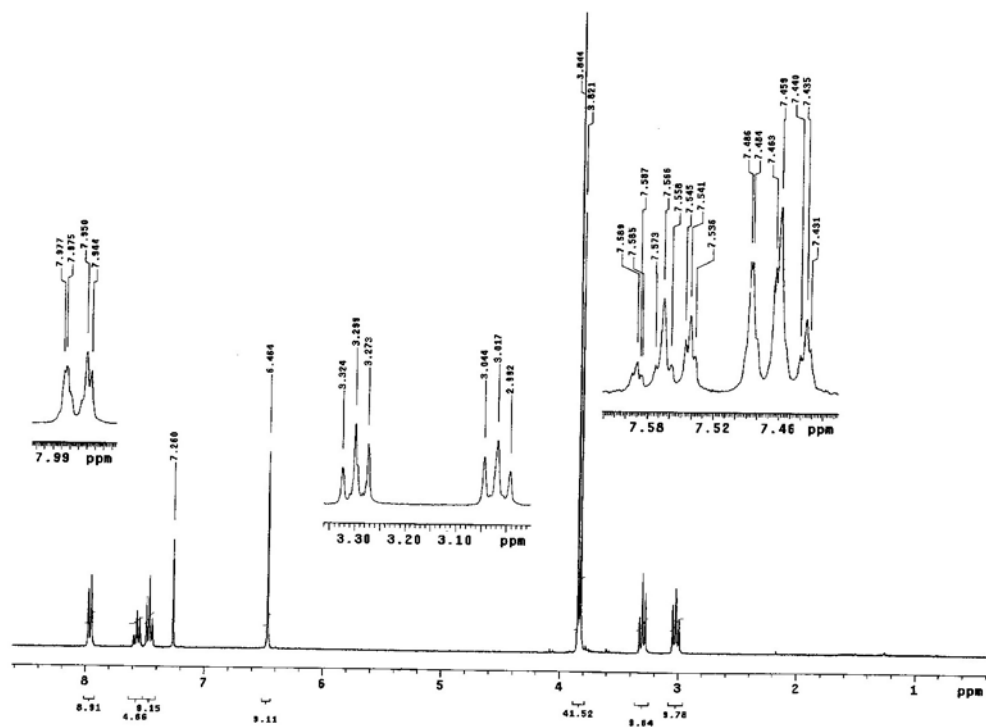


Figure S1. <sup>1</sup>H NMR spectrum (300 MHz, CDCl<sub>3</sub>) of compound 5.

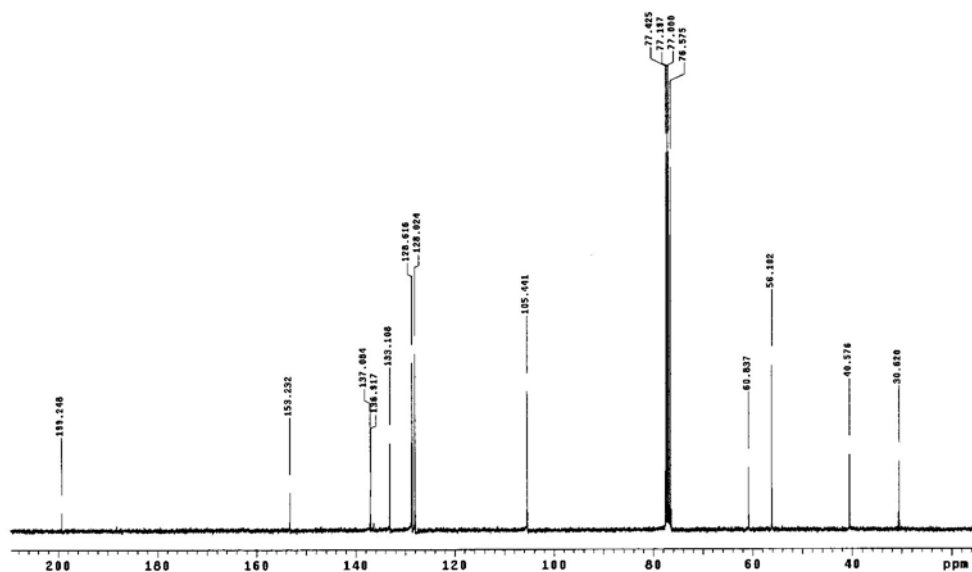


Figure S2.  $^{13}\text{C}$  NMR spectrum (75 MHz,  $\text{CDCl}_3$ ) of compound 5.

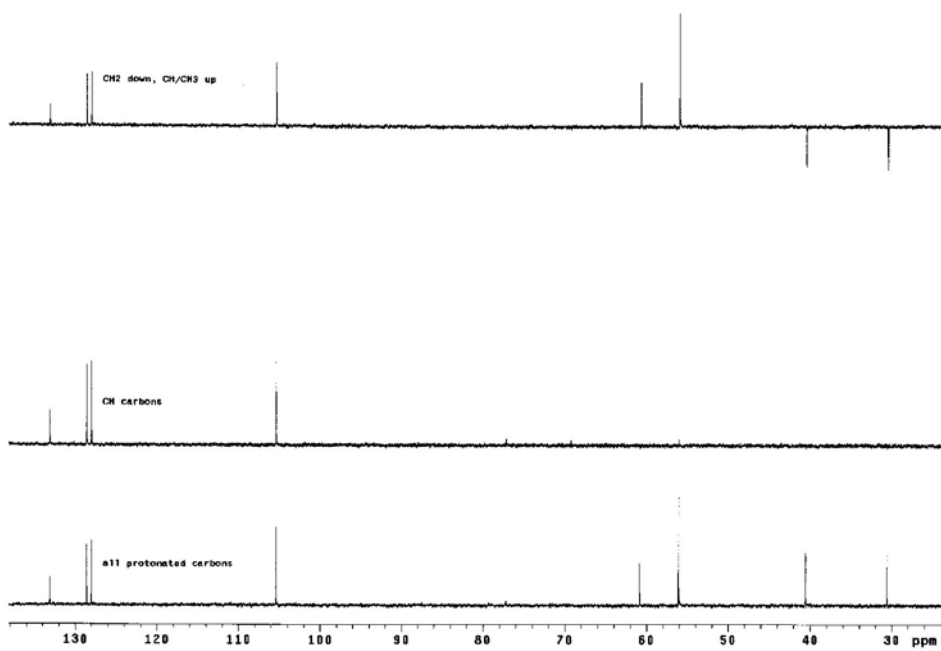
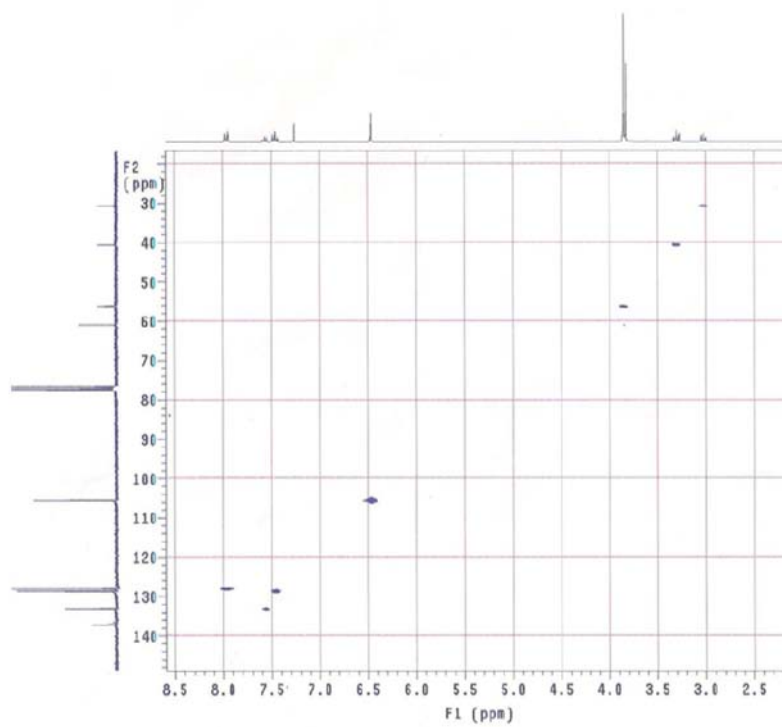
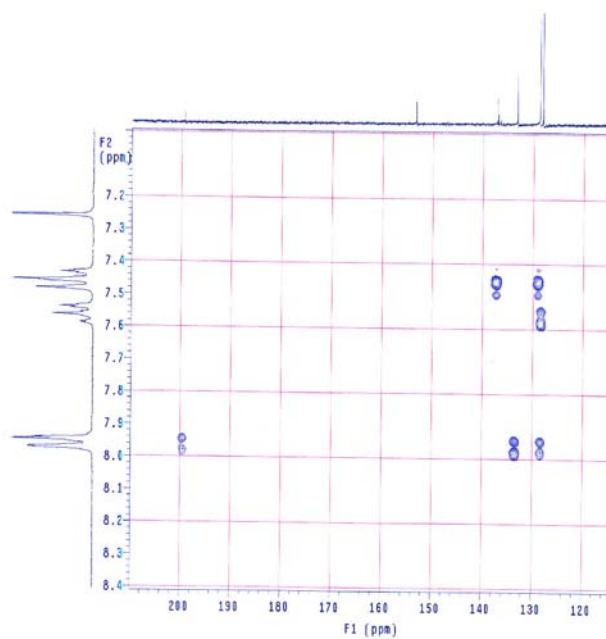


Figure S3. DEPT spectrum (75 MHz,  $\text{CDCl}_3$ ) of compound 5.



**Figure S4.** HETCOR spectrum ( $\text{CDCl}_3$ ) of compound **5**.



**Figure S5.** HMBC spectrum of compound **5** (expansion).

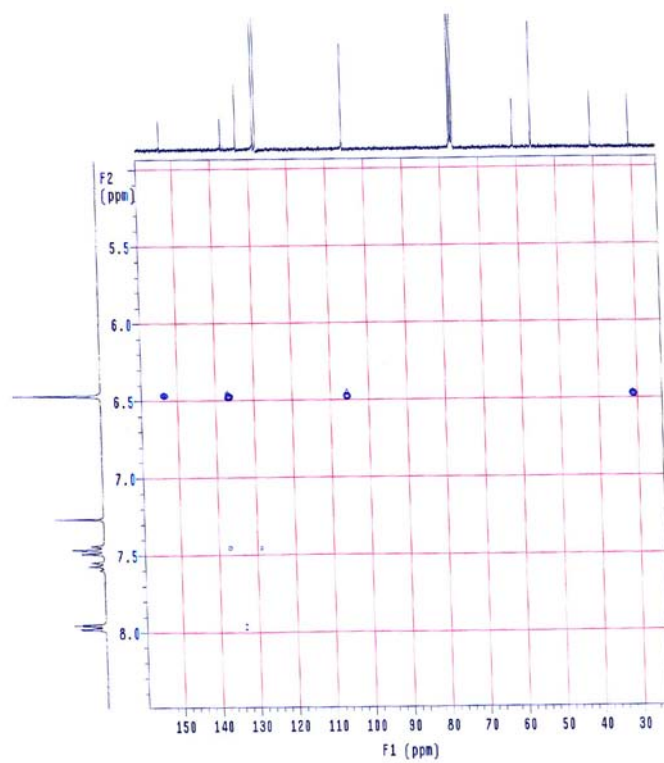


Figure S6. HMBC spectrum of compound **5** (expansion).

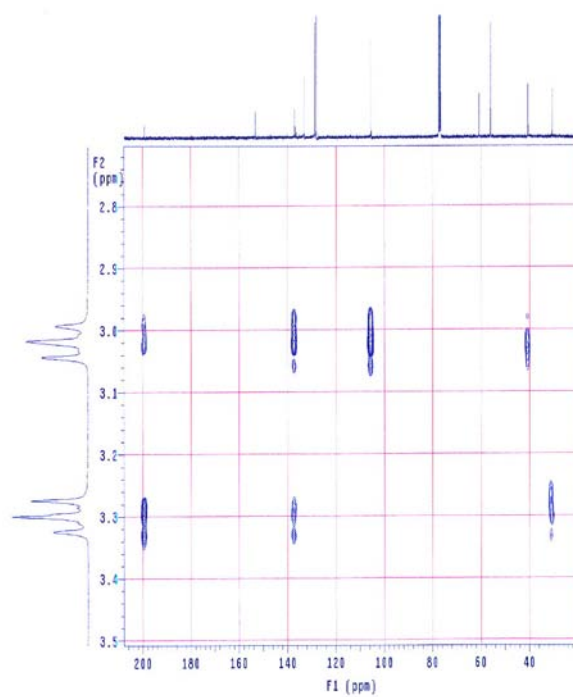
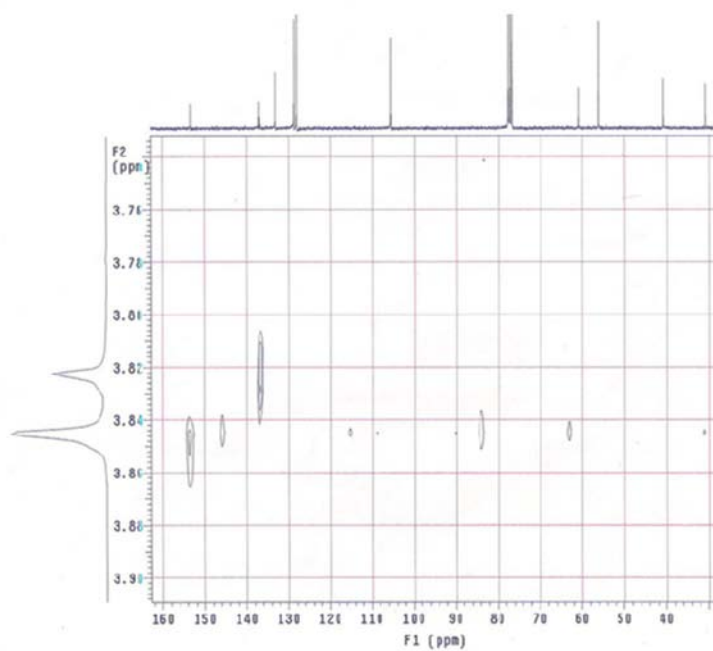
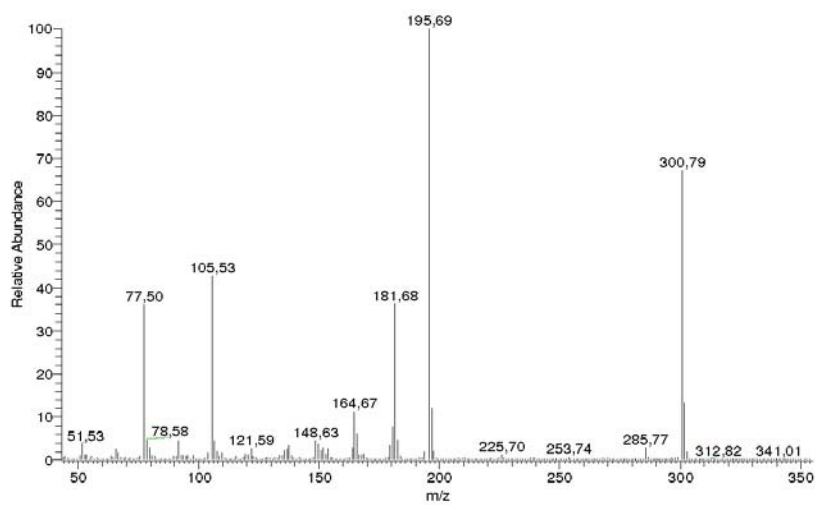


Figure S7. HMBC spectrum of compound **5** (expansion).



**Figure S8.** HMBC spectrum of compound **5** (expansion).



**Figure S9.** Low resolution mass spectrum of compound **5**.

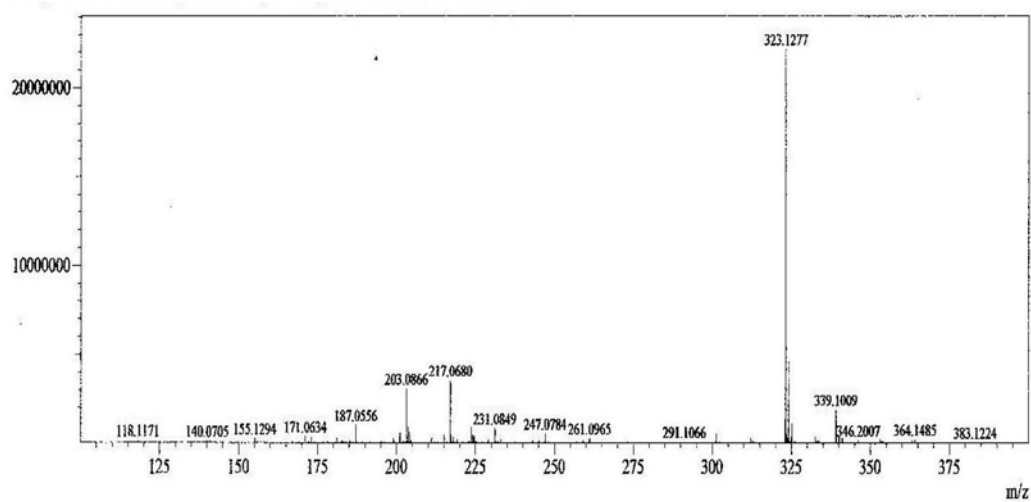


Figure S10. High resolution mass spectrum of compound 5.

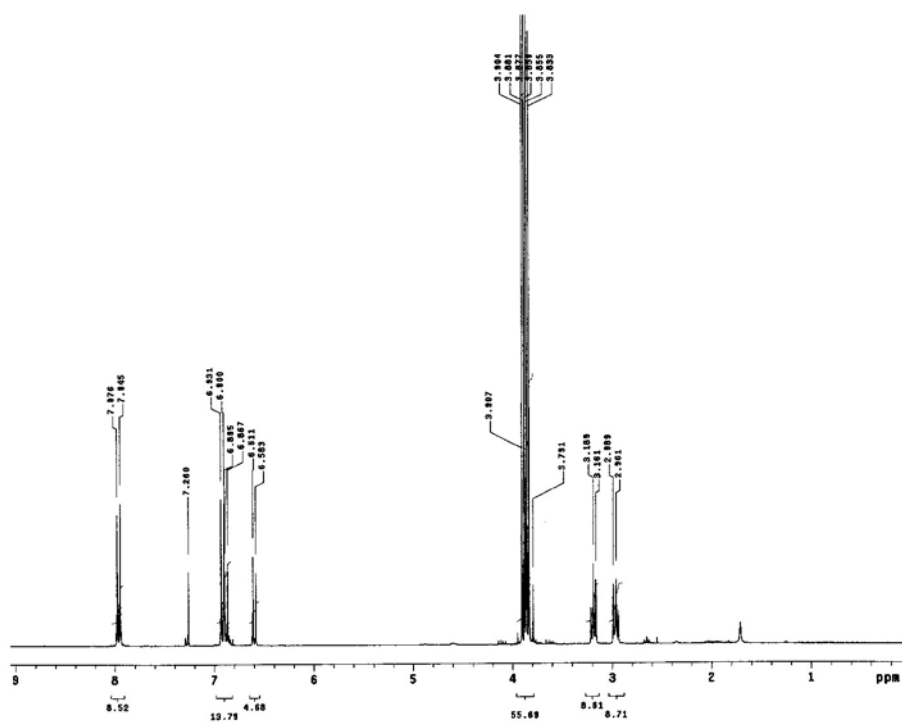


Figure S11.  $^1\text{H}$  NMR spectrum (300 MHz,  $\text{CDCl}_3$ ) of compound 6.

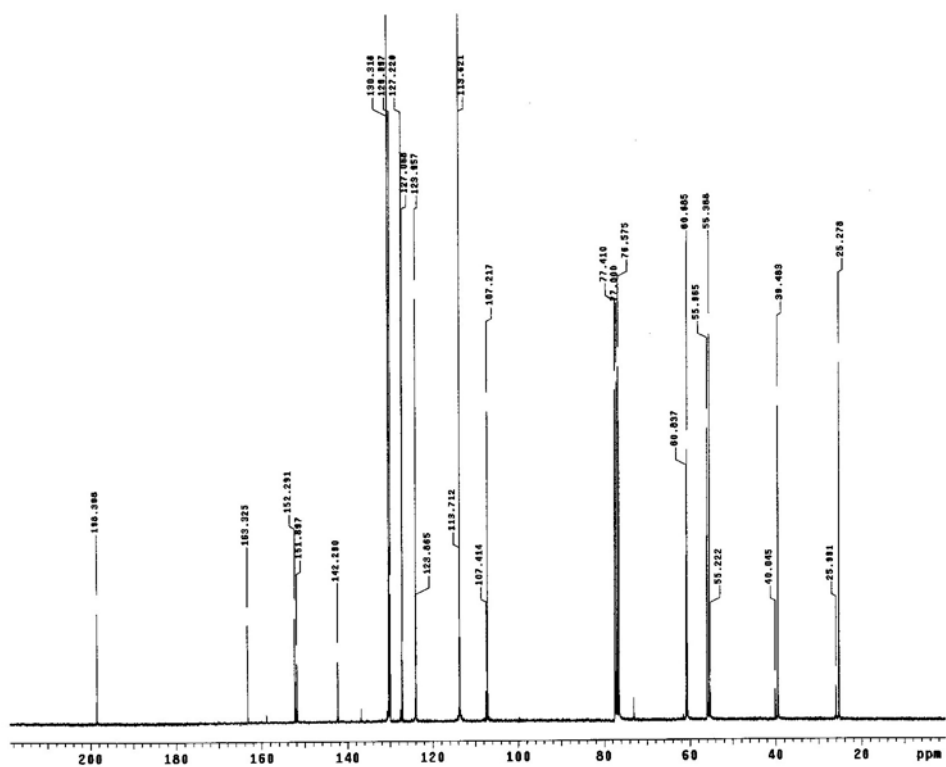


Figure S12.  $^{13}\text{C}$  NMR spectrum (75 MHz,  $\text{CDCl}_3$ ) of compound 6.

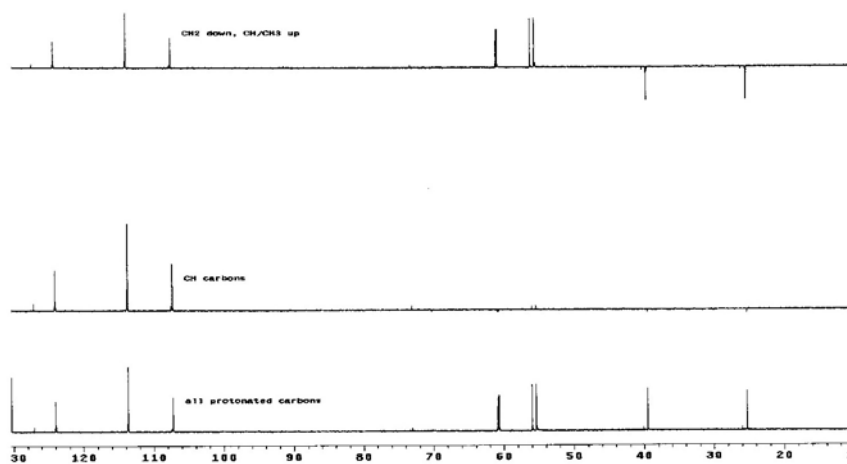


Figure S13. DEPT spectrum (75 MHz,  $\text{CDCl}_3$ ) of compound 6.

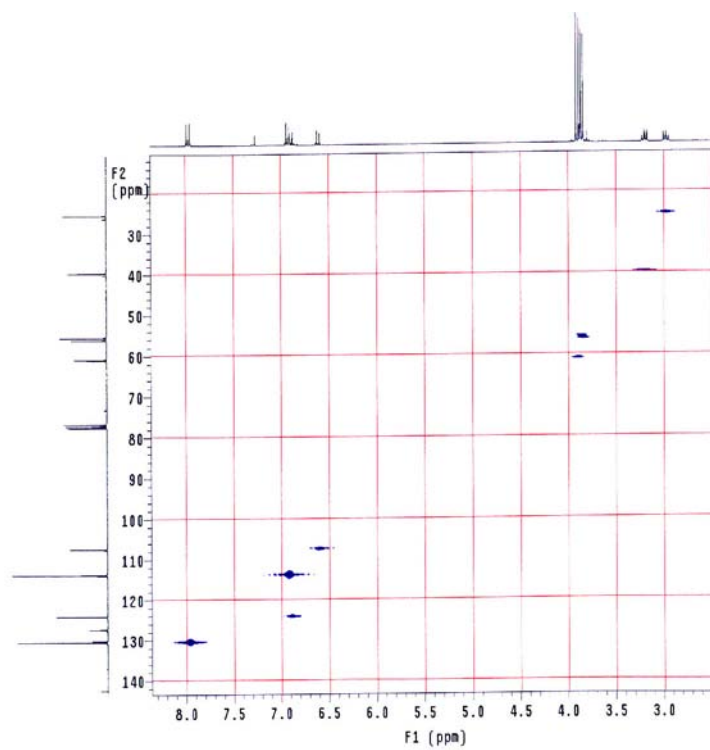


Figure S14. HETCOR spectrum (75 MHz, CDCl<sub>3</sub>) of compound **6**.

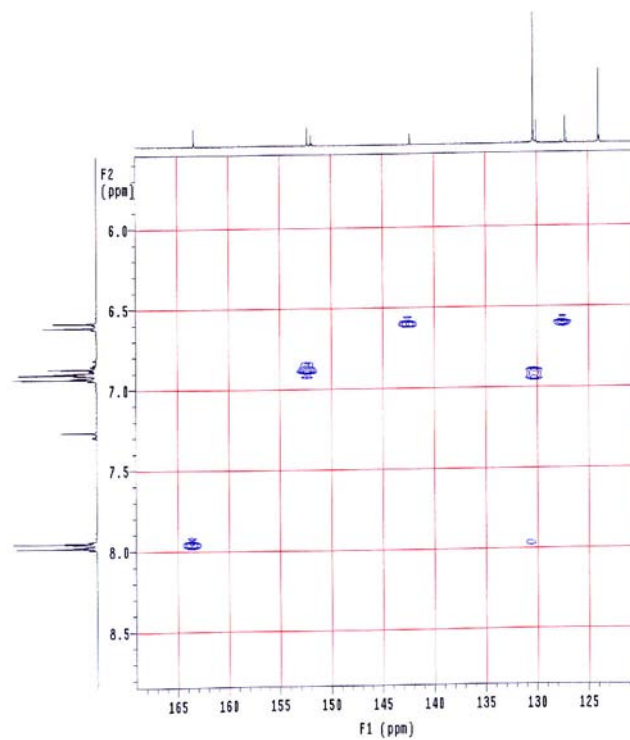


Figure S15. HMBC spectrum of compound **6** (expansion).



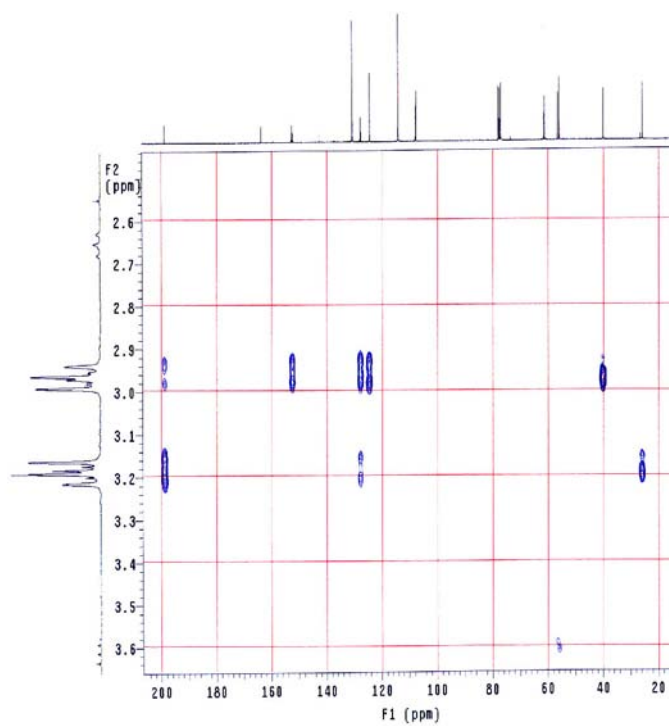


Figure S16. HMBC spectrum of compound **6** (expansion).

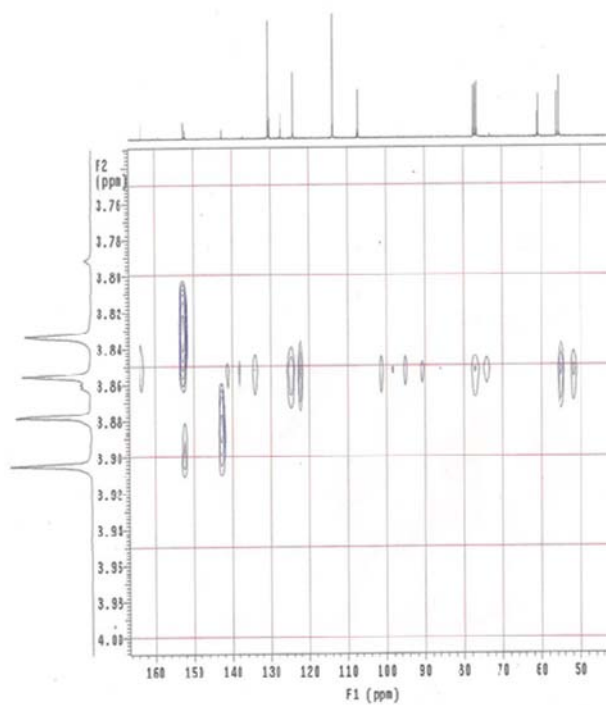
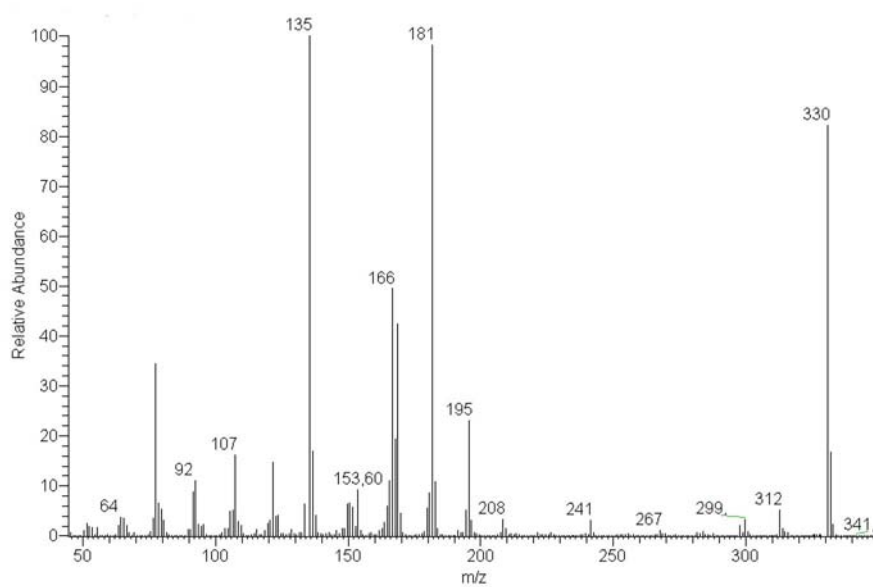
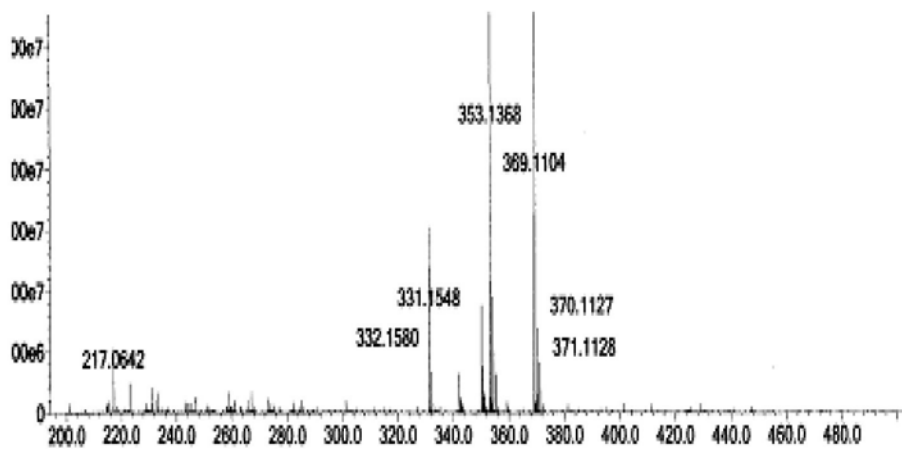


Figure S17. HMBC spectrum of compound **6** (expansion).



**Figure S18.** Mass spectrum of compound 6 (CG-MS).



**Figure S19.** High resolution mass spectrum of compound 6.