

## New Oxidized *ent*-Kaurane and *ent*-Norkaurane Derivatives from Kaurenoic Acid

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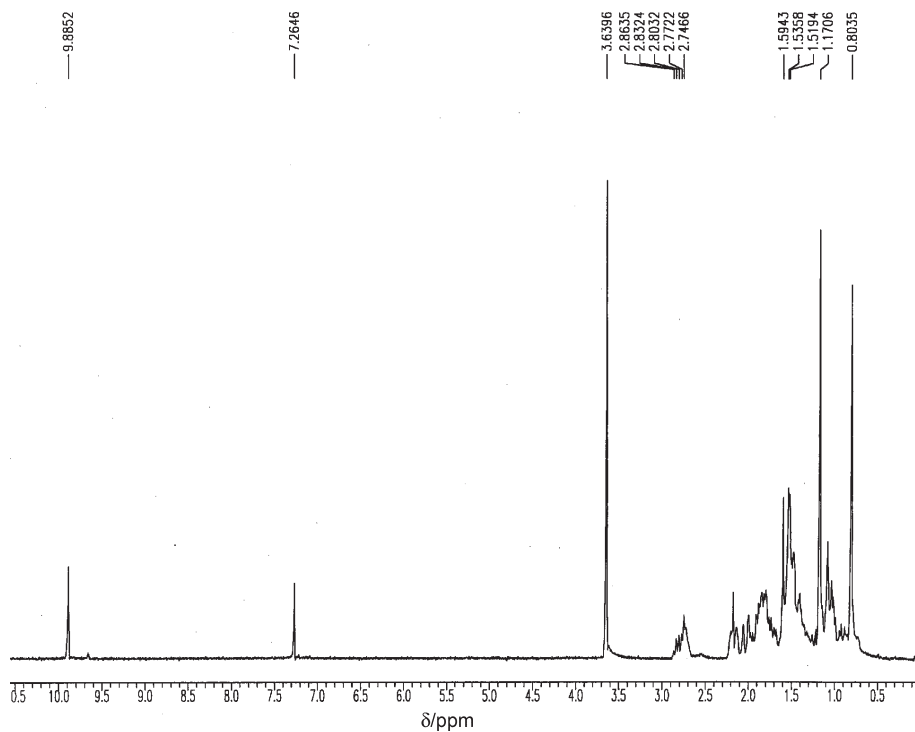


Figure S1. <sup>1</sup>H NMR for compound 4 (200 MHz, CDCl<sub>3</sub>).

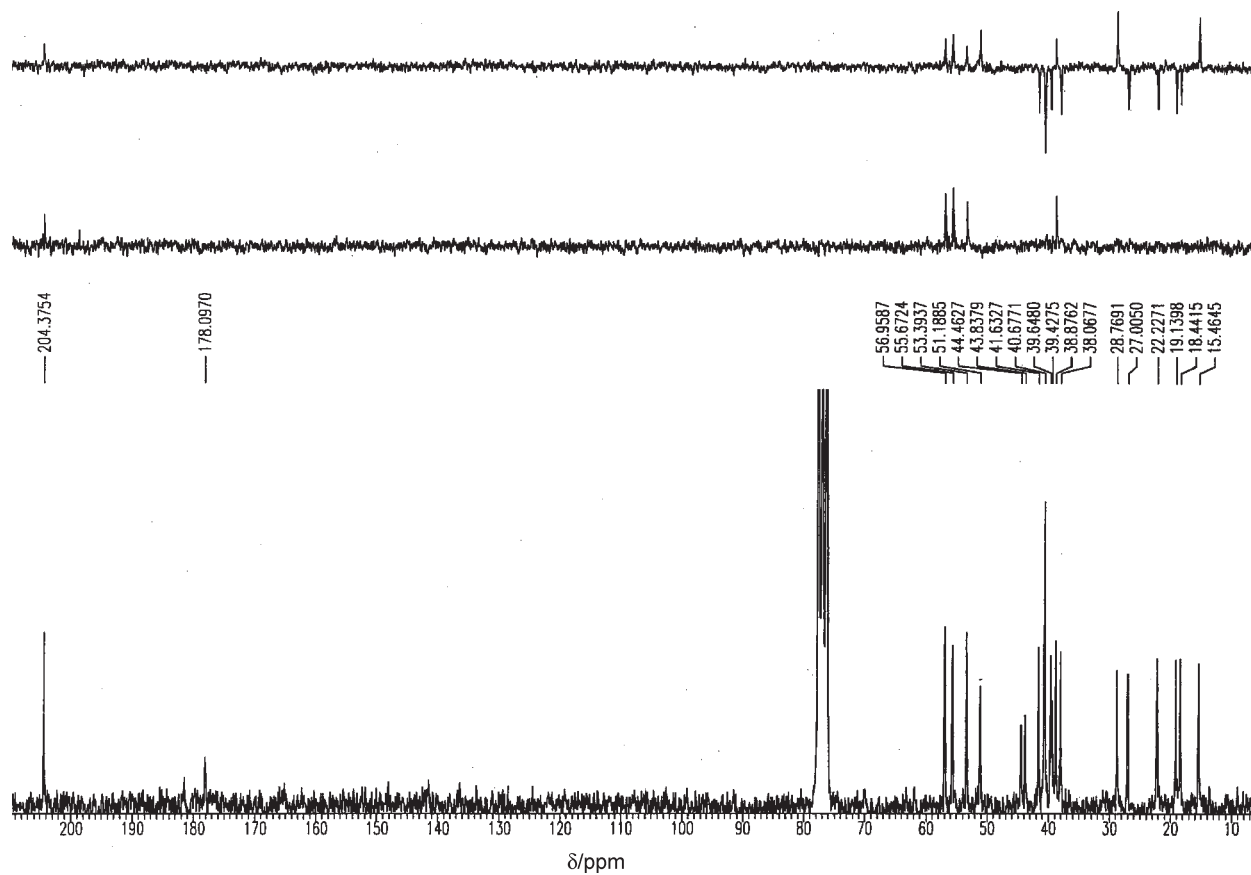


Figure S2.  $^{13}\text{C}$  NMR, DEPT90 and DEPT135 for compound 4 (50 MHz,  $\text{CDCl}_3$ ).

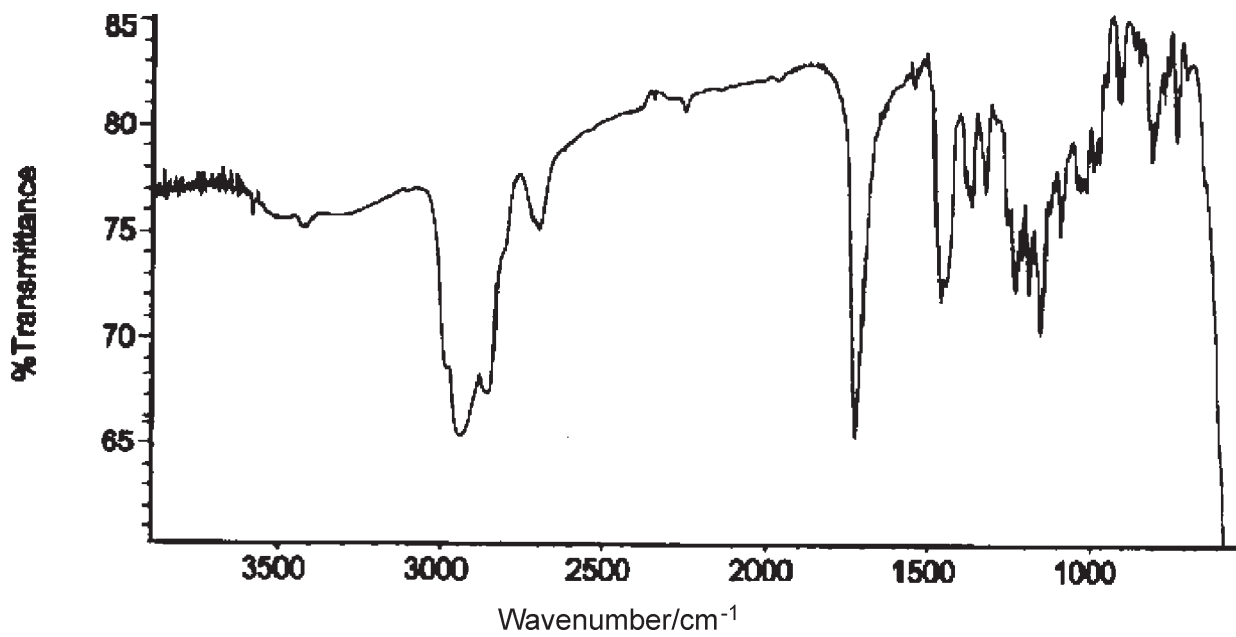


Figure S3. IR for compound 4.

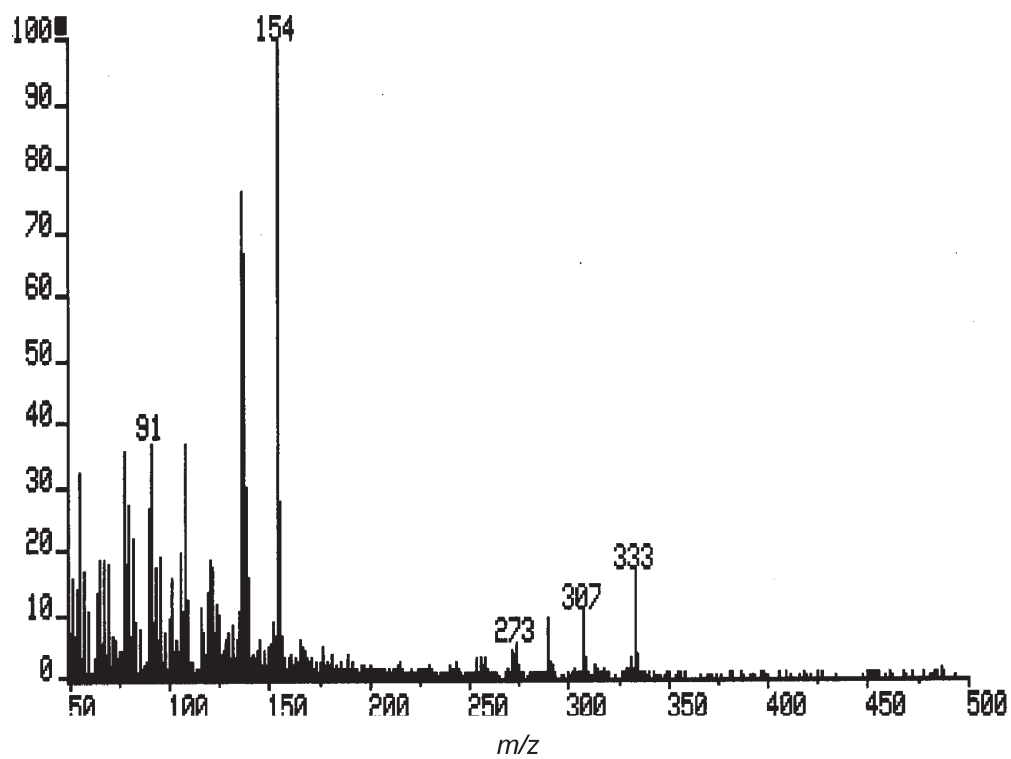


Figure S4. ESIMS for compound 4.

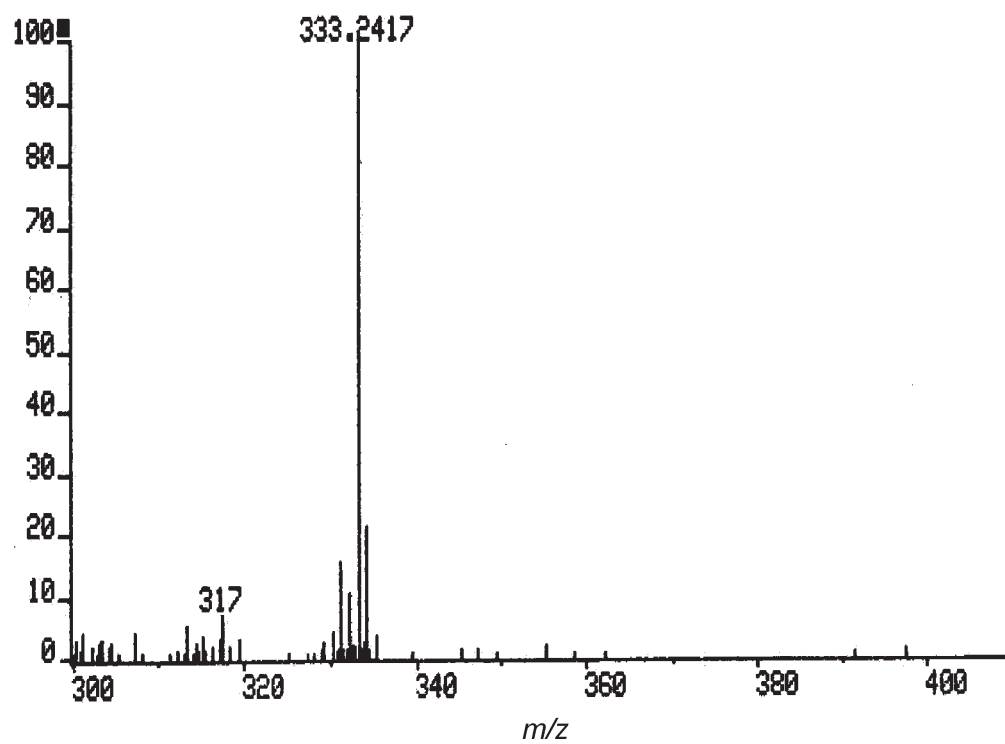


Figure S5. HRESIMS for compound 4.

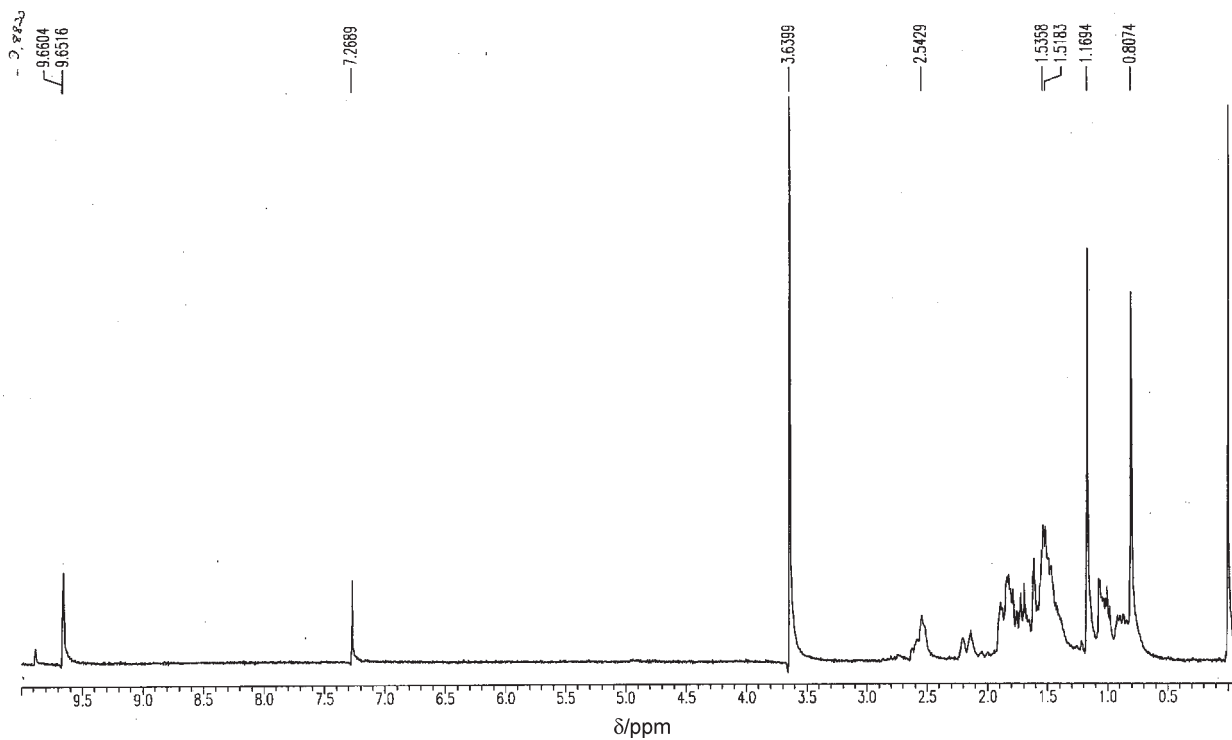


Figure S6. <sup>1</sup>H NMR for compound **5** (200 MHz, CDCl<sub>3</sub>).

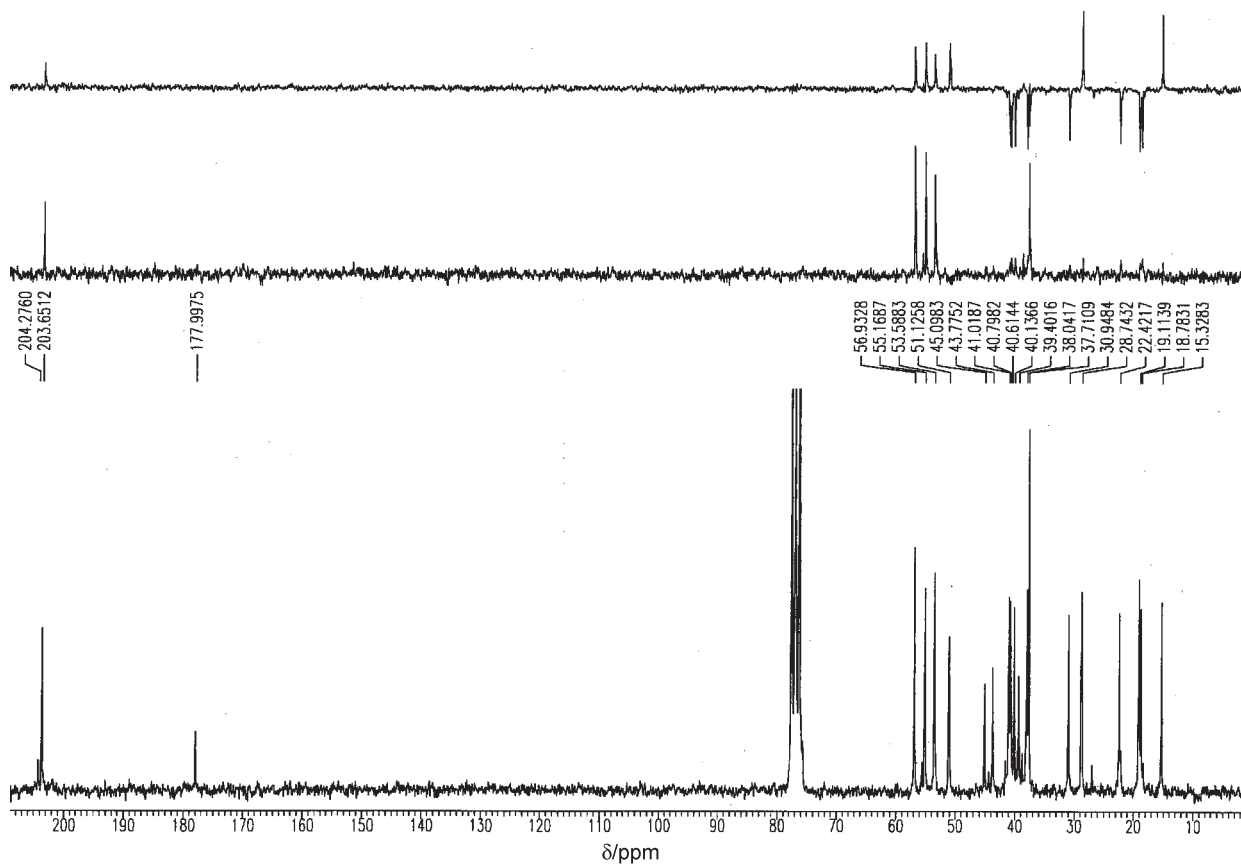


Figure S7. <sup>13</sup>C NMR, DEPT90 and DEPT135 for compound **5** (50 MHz, CDCl<sub>3</sub>).

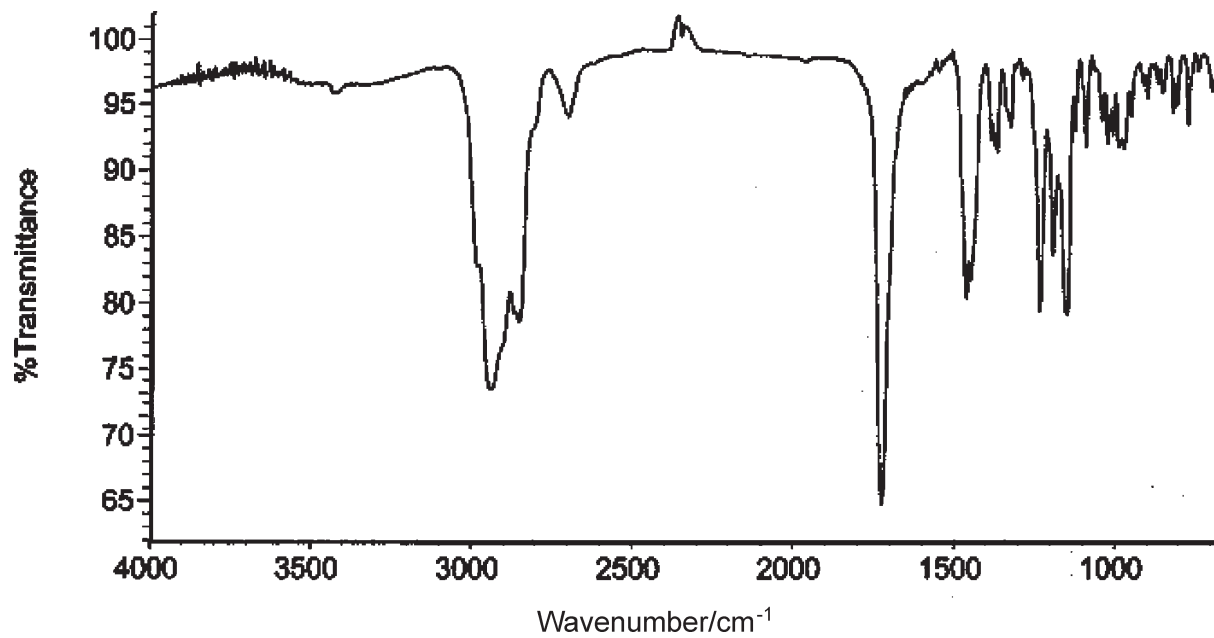


Figure S8. IR for compound 5.

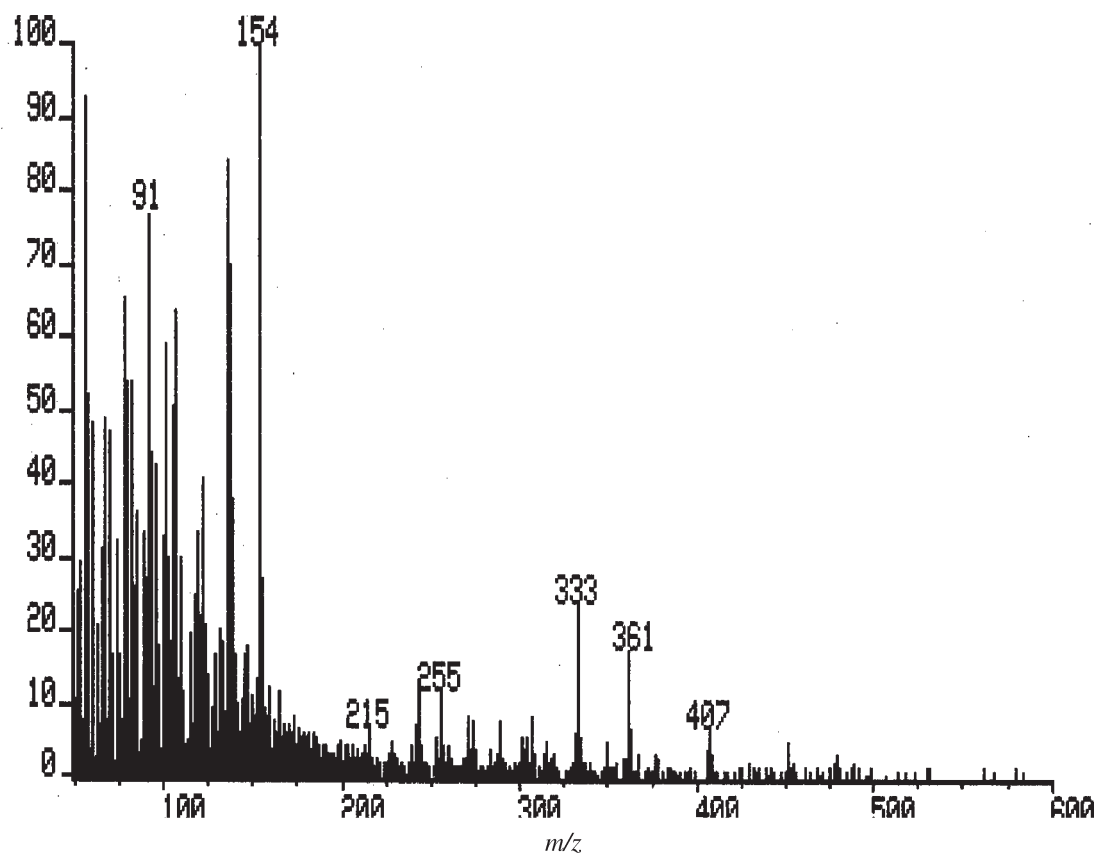


Figure S9. ESIMS for compound 5.

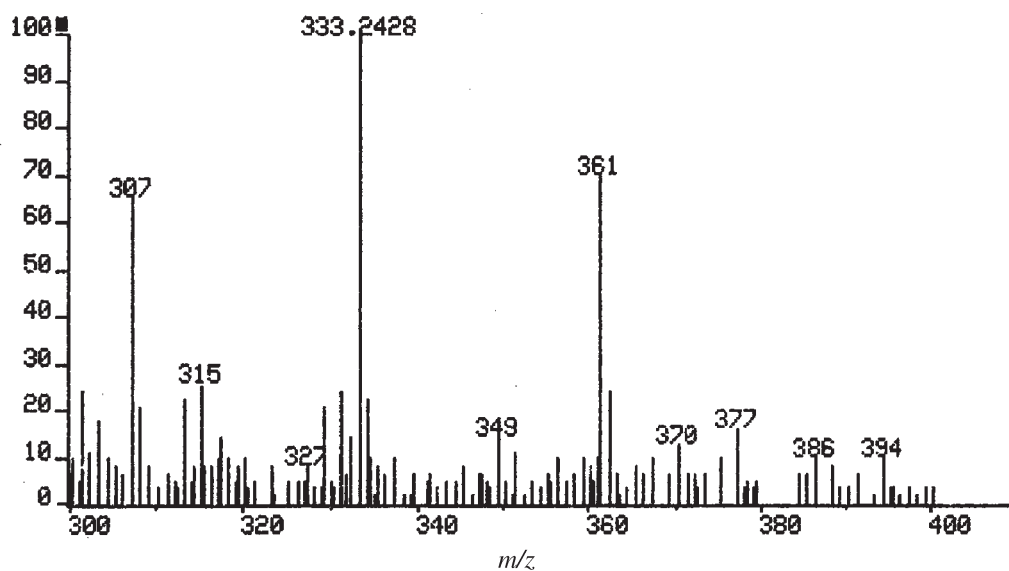
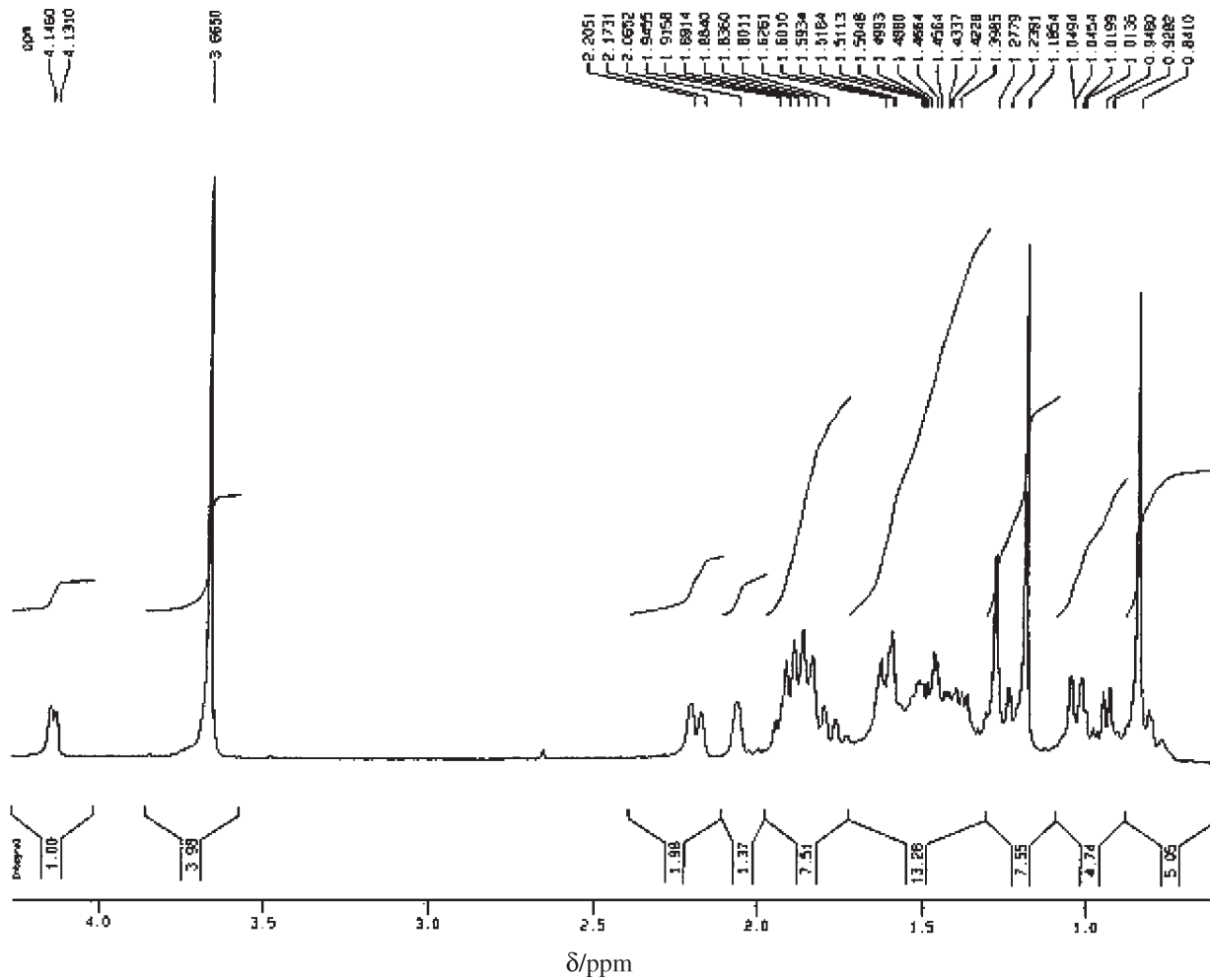


Figure S10. HRESIMS for compound 5.

Figure S11.  $^1\text{H NMR}$  for compound 8 (200 MHz,  $\text{CDCl}_3$ ).

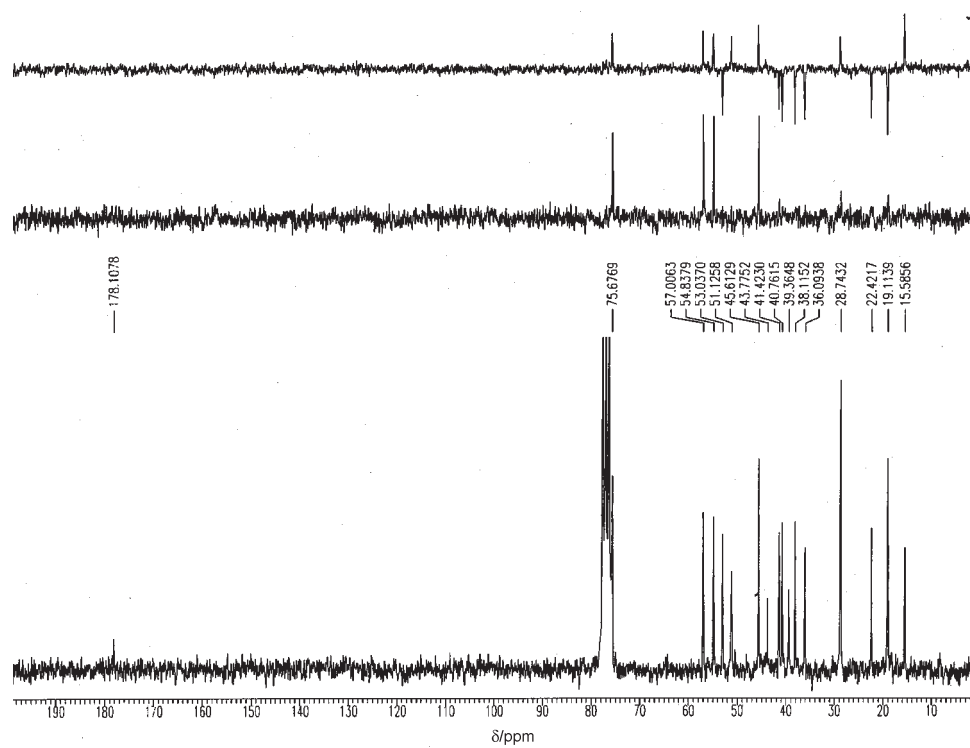


Figure S12.  $^{13}\text{C}$  NMR, DEPT90 and DEPT135 for compound 8 (50 MHz,  $\text{CDCl}_3$ ).

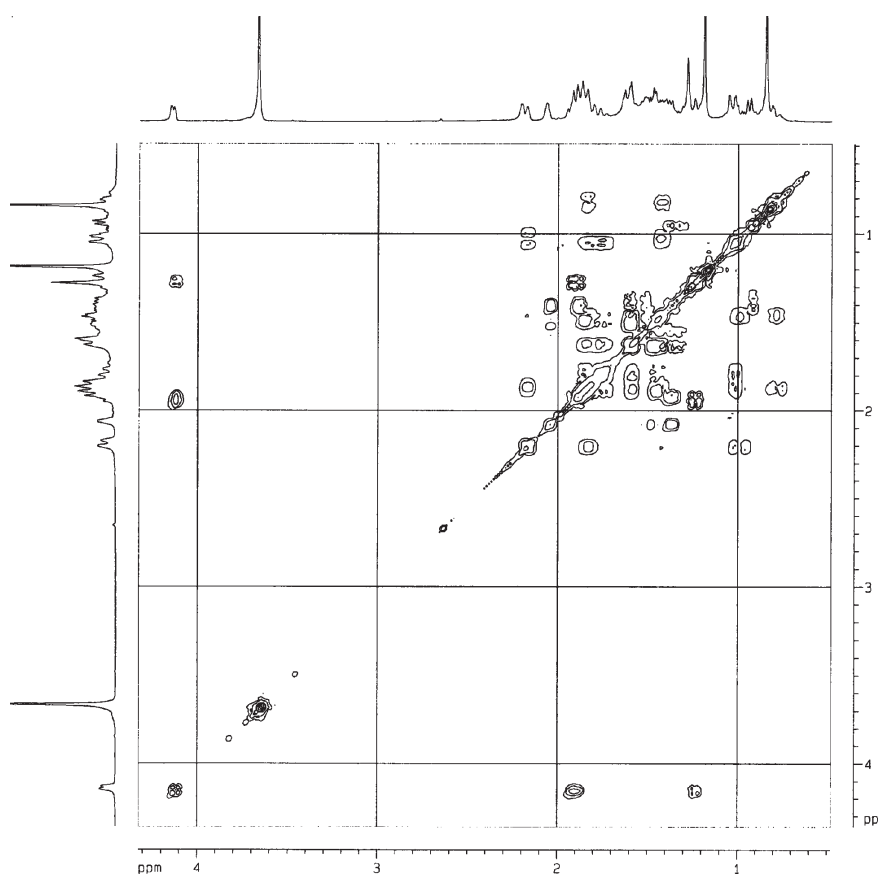


Figure S13.  $^1\text{H}$ - $^1\text{H}$  COSY for compound 8 (200 MHz,  $\text{CDCl}_3$ ).

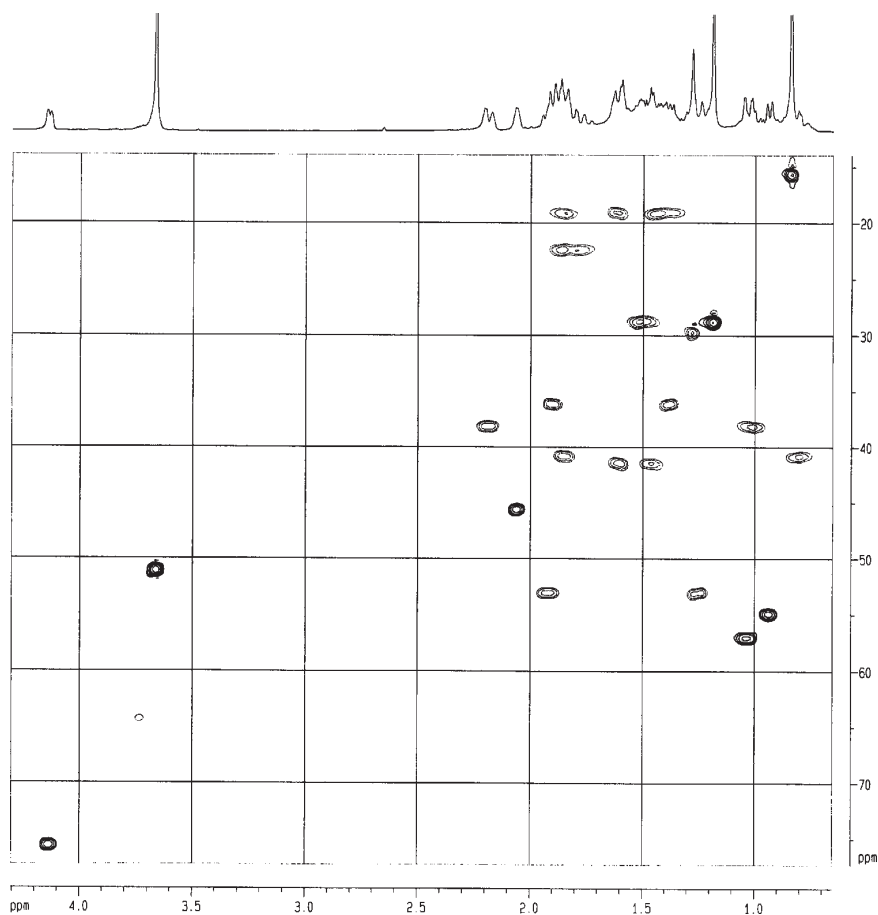


Figure S14. HMBC for compound **8** ( $^1\text{H}/^{13}\text{C}$  NMR 200 MHz/50 MHz,  $\text{CDCl}_3$ ).

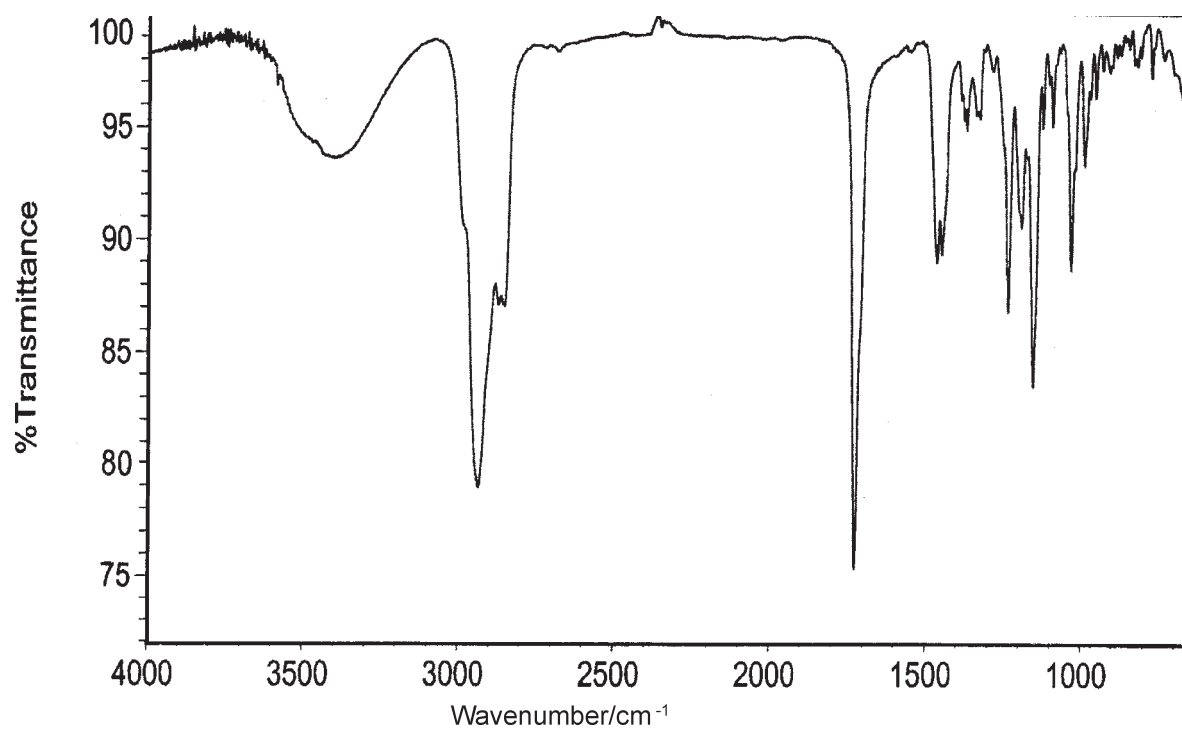


Figure S15. IR for compound **8**.



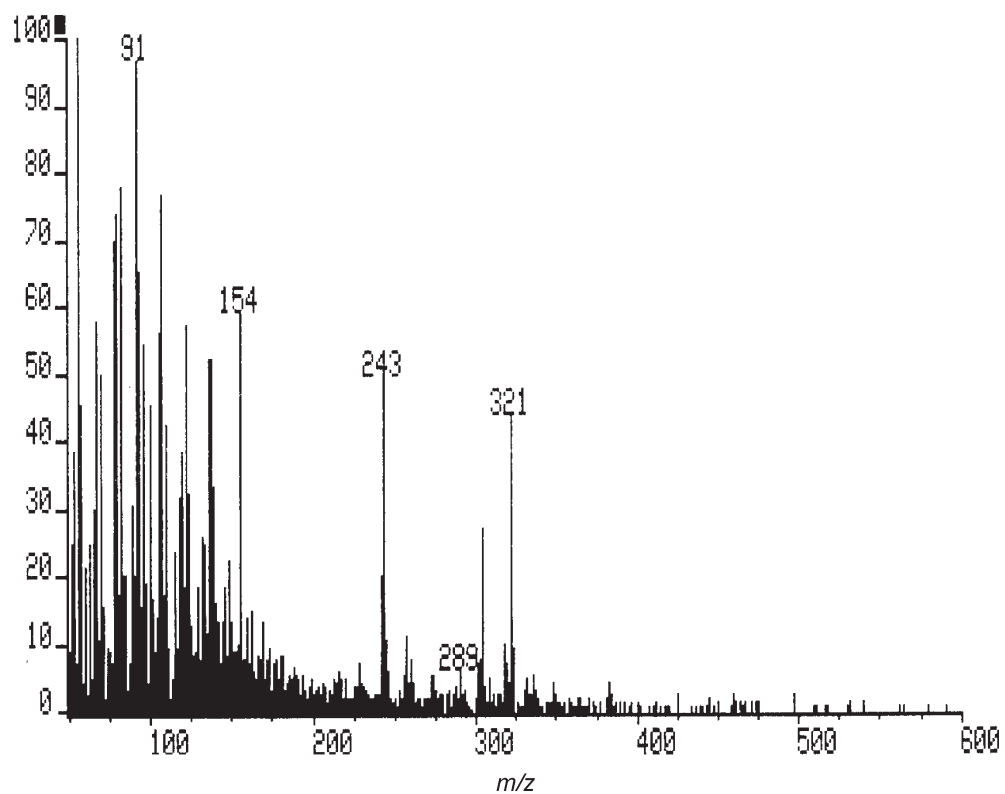


Figure S16. ESIMS for compound 8.

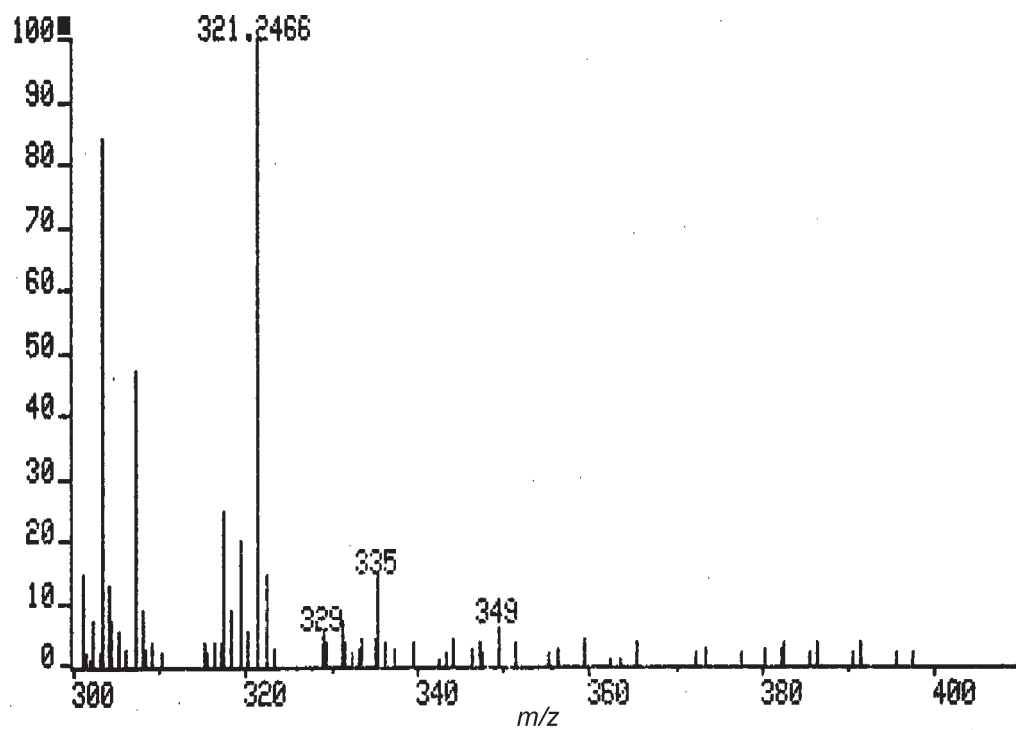


Figure S17. HRESIMS for compound 8.