

Supplementary Materials: Klyflaccicembranols A–I, New Cembranoids from the Soft Coral *Klyxum flaccidum*

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ESI+
Molecular Formula:C₂₀H₃₂O₄Na
Exact Mass:359.2198
Measured Mass:359.2196

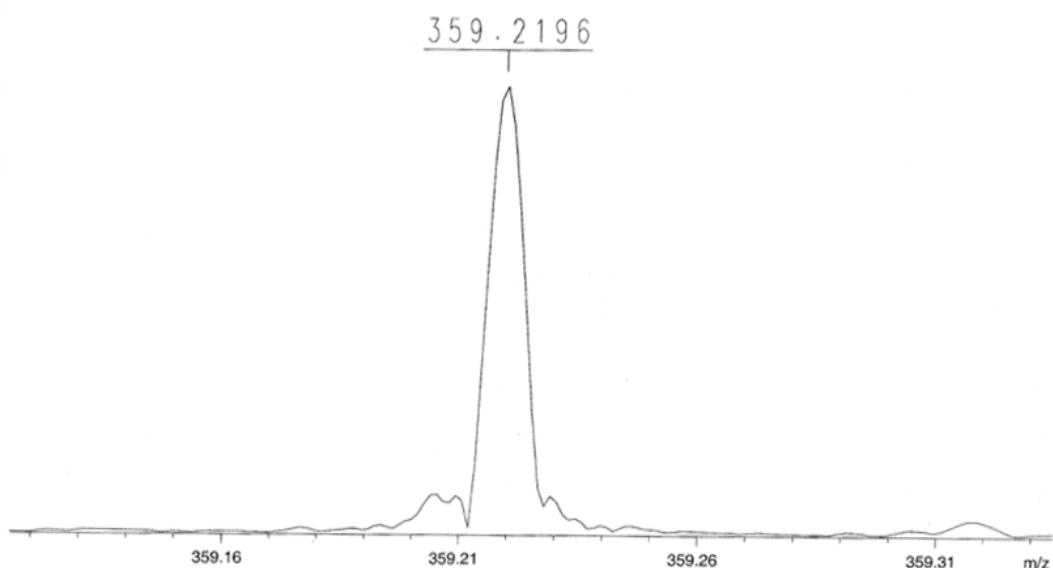


Figure S1. HRESIMS spectrum of **1**.

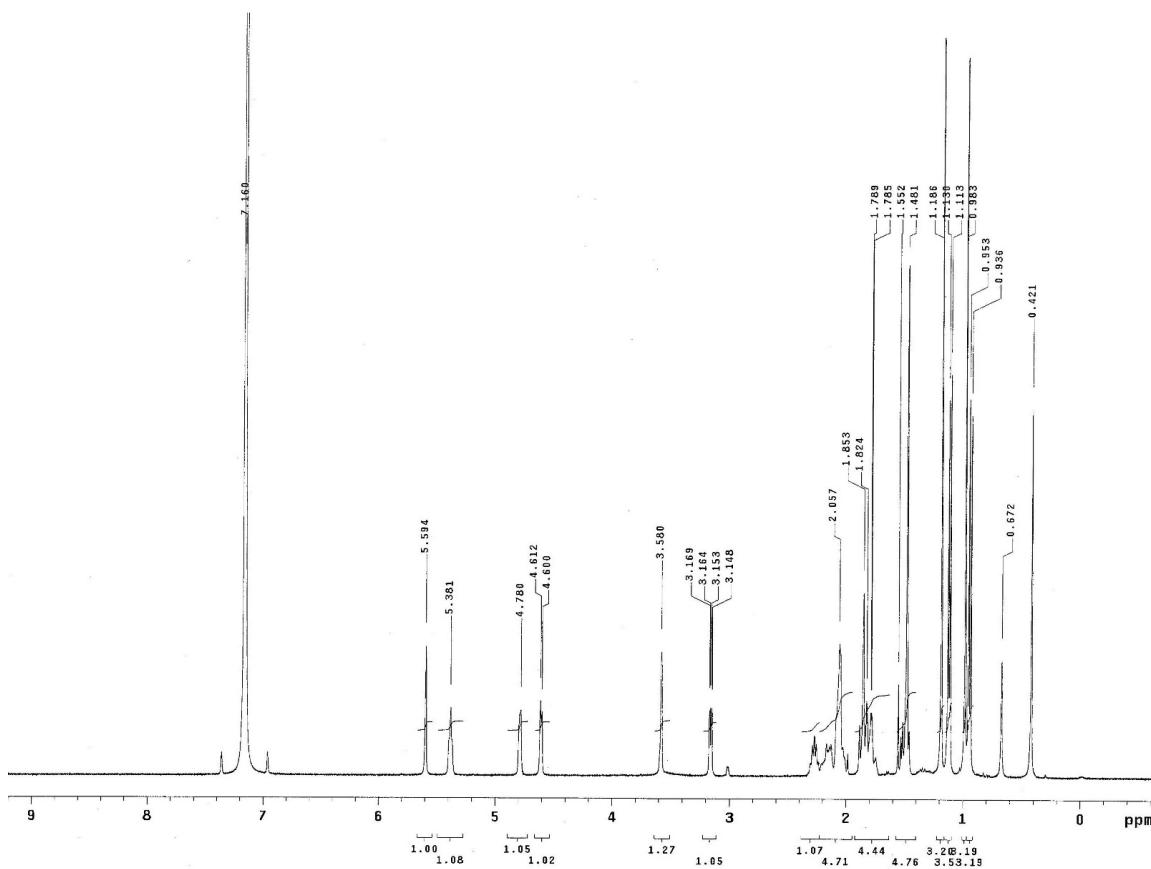


Figure S2. ^1H NMR spectrum of **1** in C_6D_6 at 400 MHz.

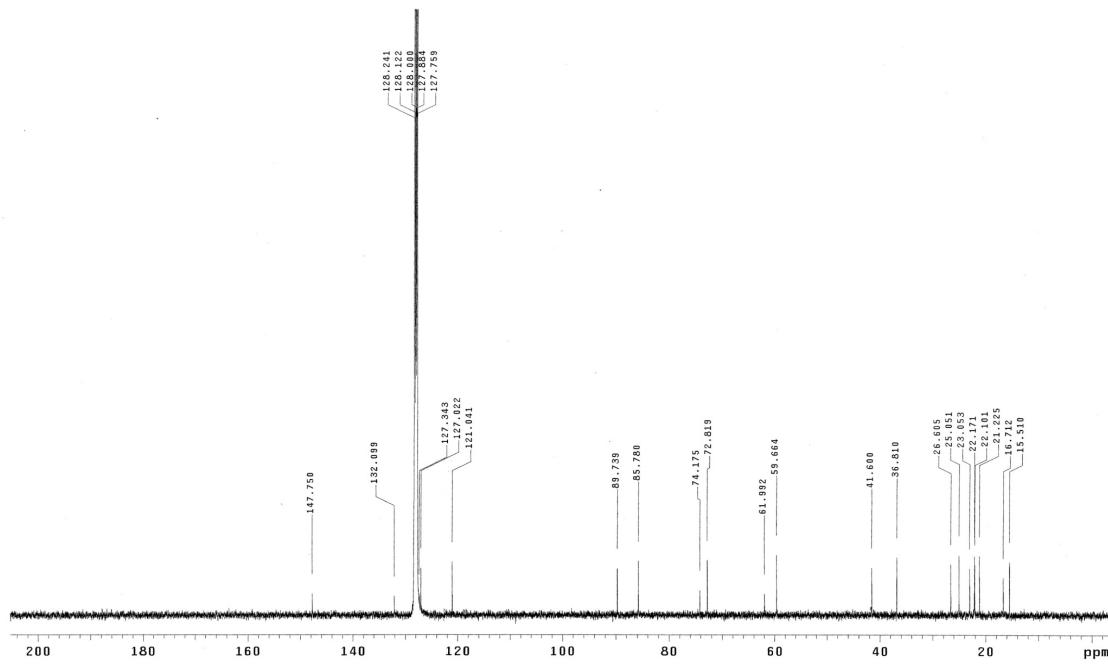


Figure S3. ^{13}C NMR spectrum of **1** in C_6D_6 at 100 MHz.

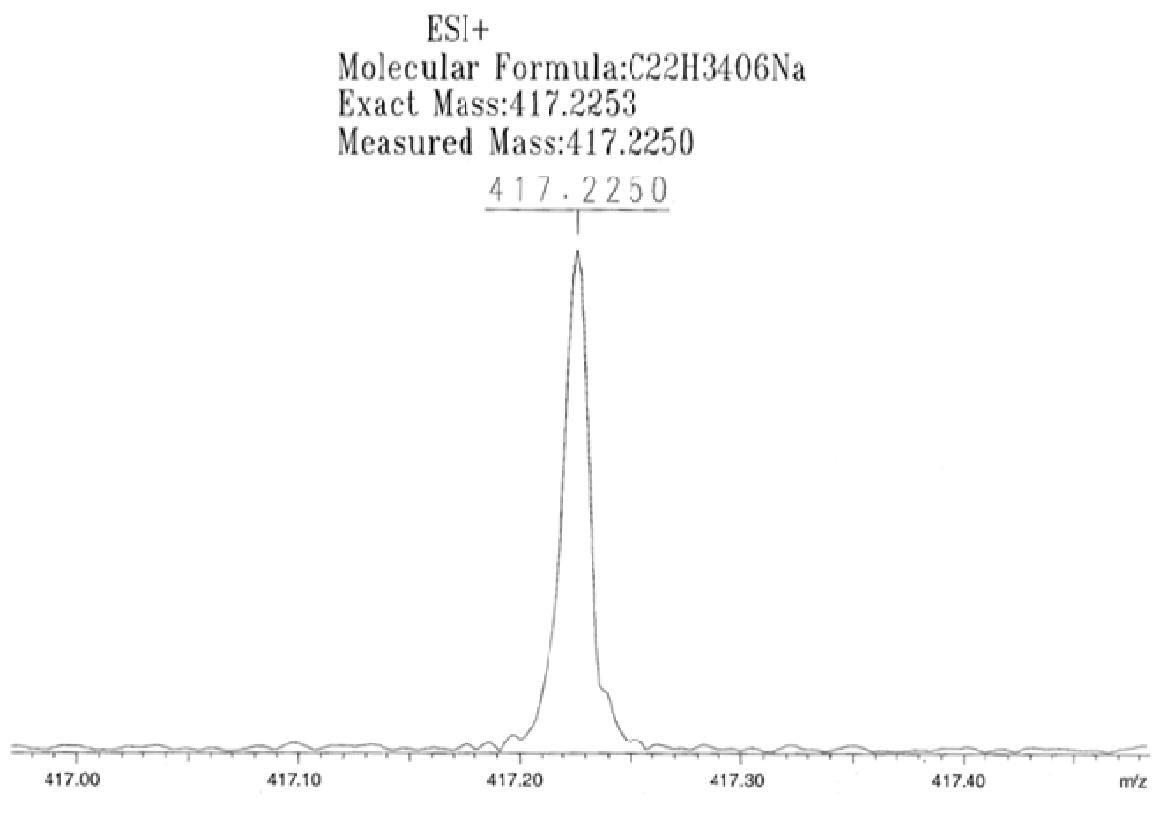


Figure S4. HRESIMS spectrum of 2.

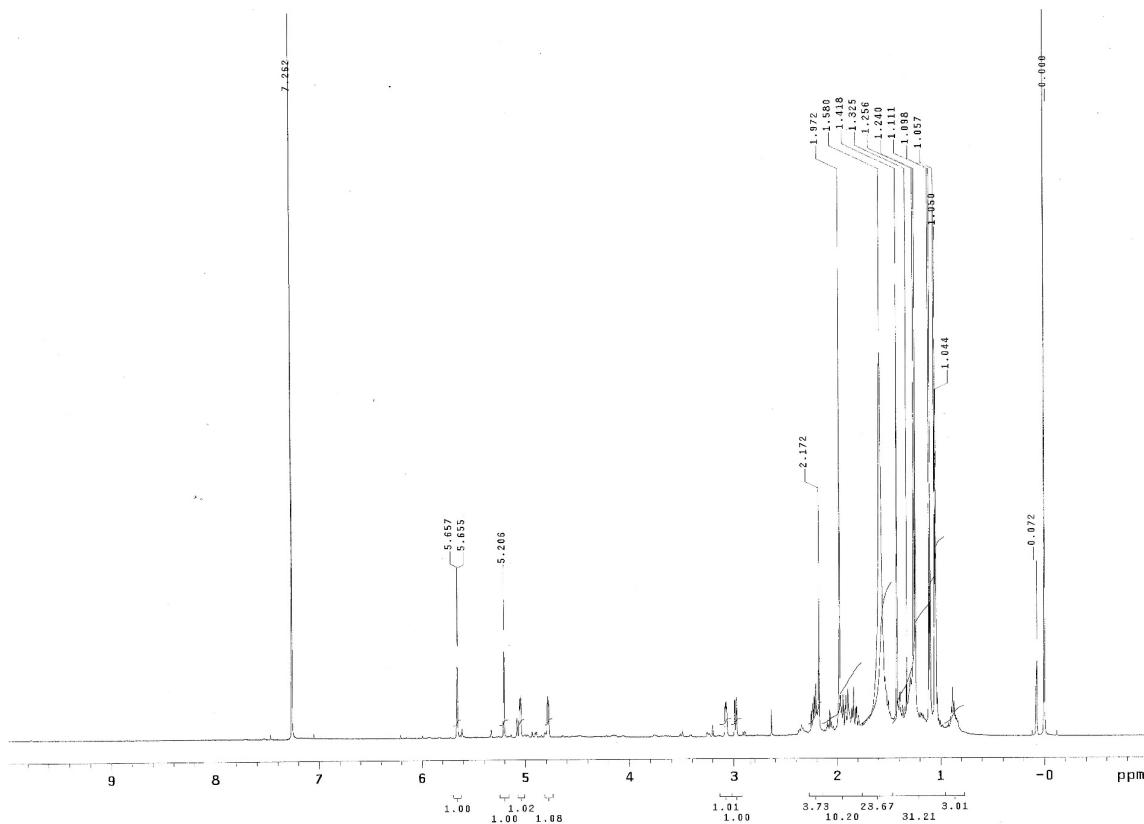


Figure S5. ^1H NMR spectrum of **2** in CDCl_3 at 500 MHz.

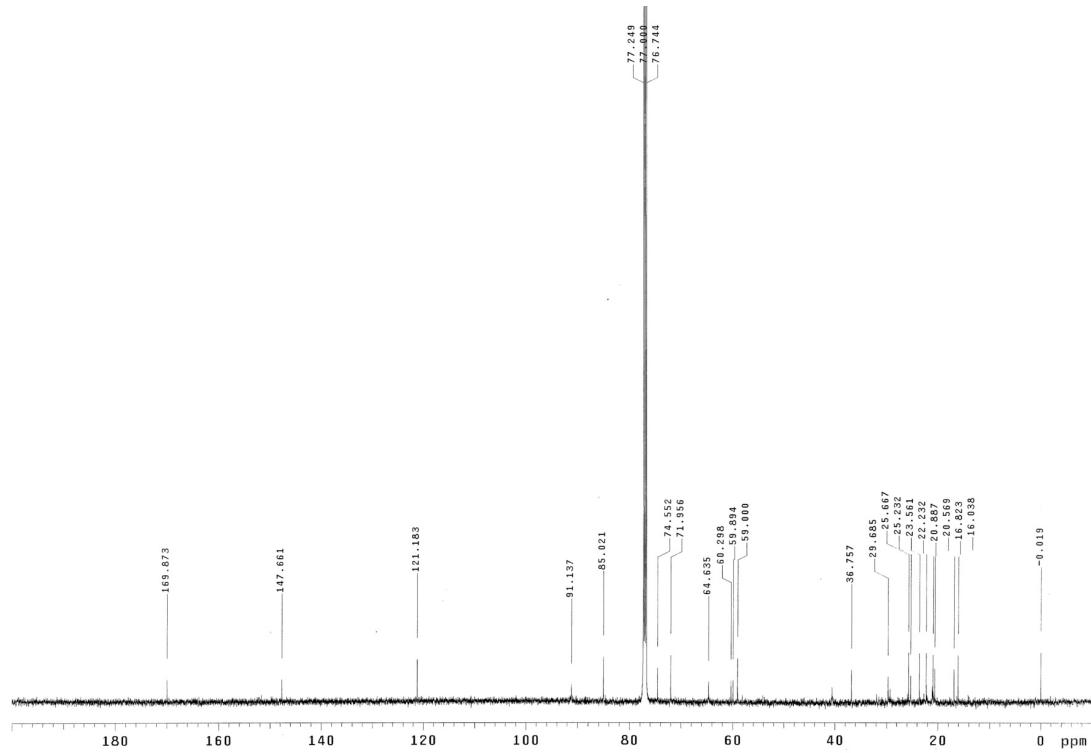


Figure S6. ¹³C NMR spectrum of **2** in CDCl₃ at 125 MHz.

ESI+
Molecular Formula:C22H34O4Na
Exact Mass:385.2355
Measured Mass:385.2354

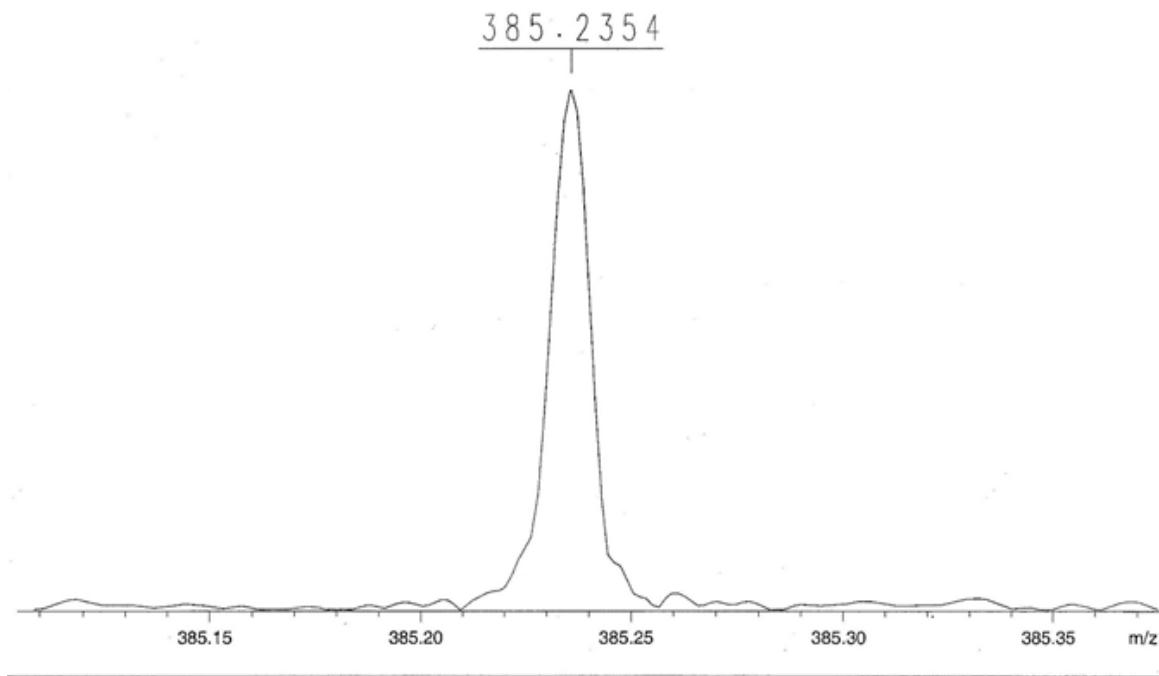
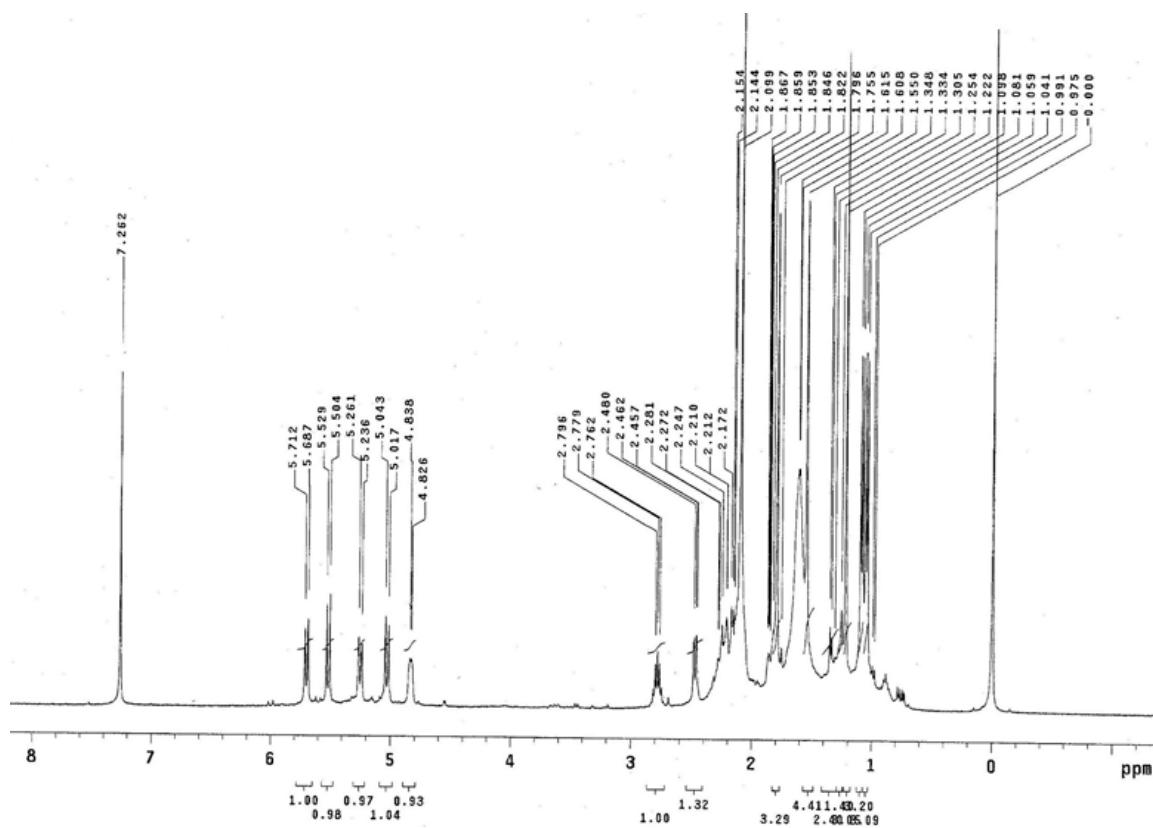
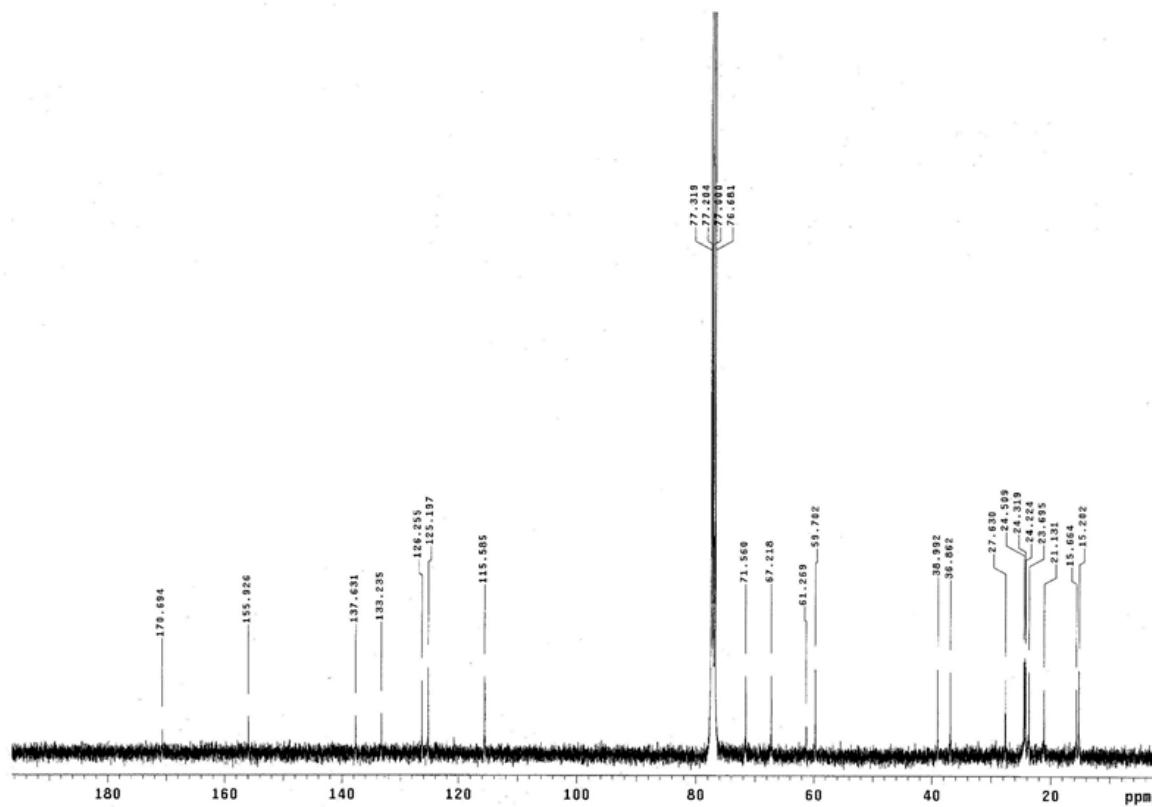


Figure S7. HRESIMS spectrum of **3**.

Figure S8. ^1H NMR spectrum of 3 in CDCl_3 at 500 MHz.Figure S9. ^{13}C NMR spectrum of 3 in CDCl_3 at 125 MHz.

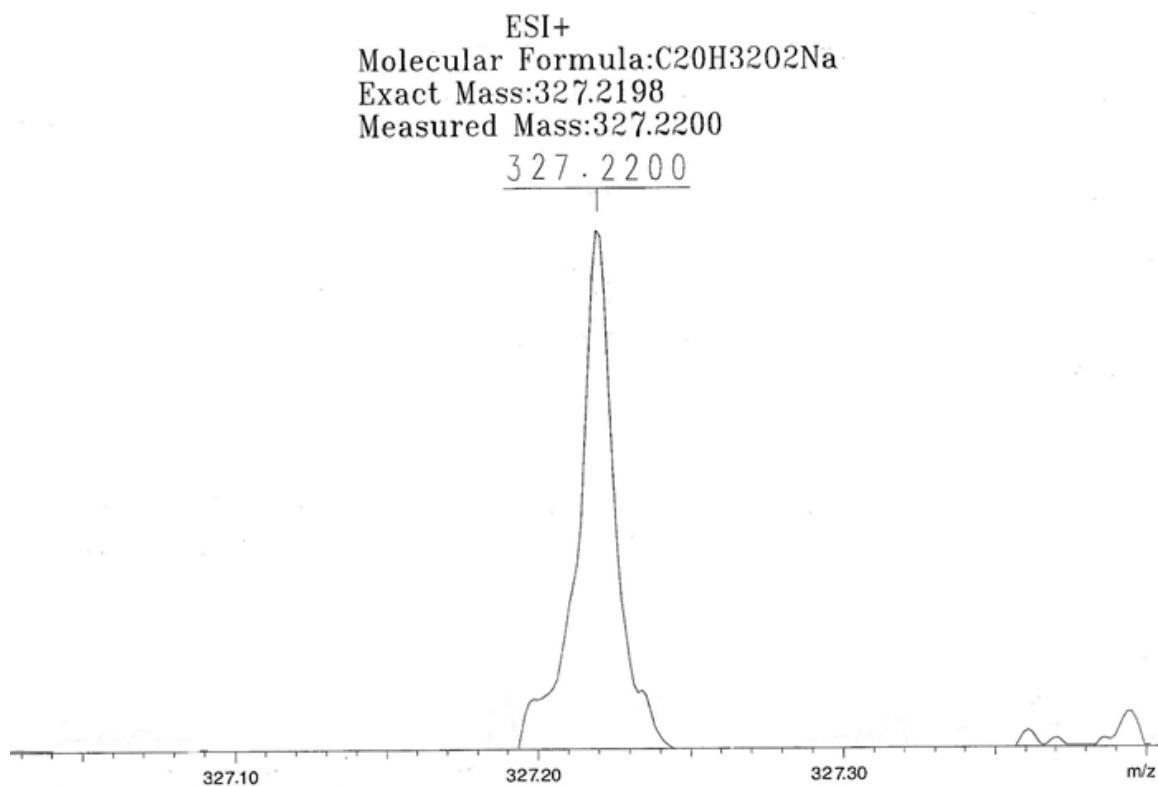


Figure S10. HRESIMS spectrum of 4.

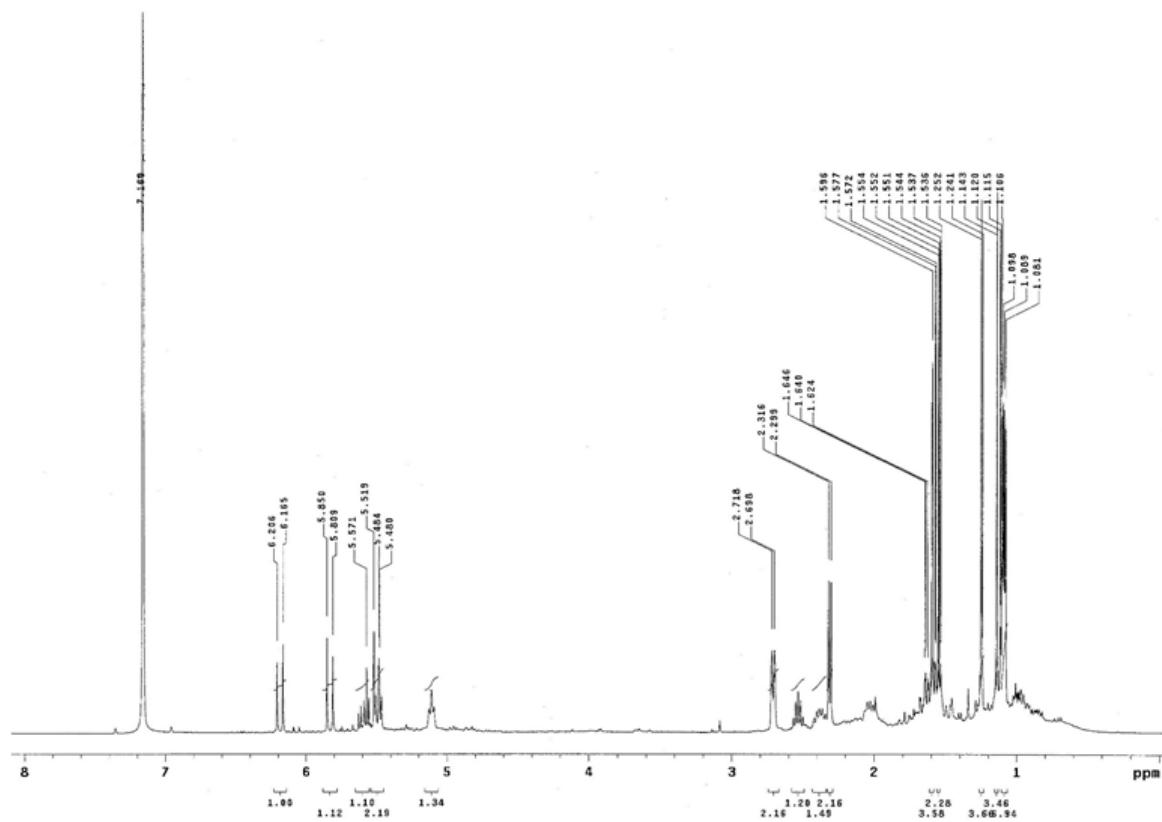


Figure S11. ^1H NMR spectrum of **4** in C_6D_6 at 400 MHz.

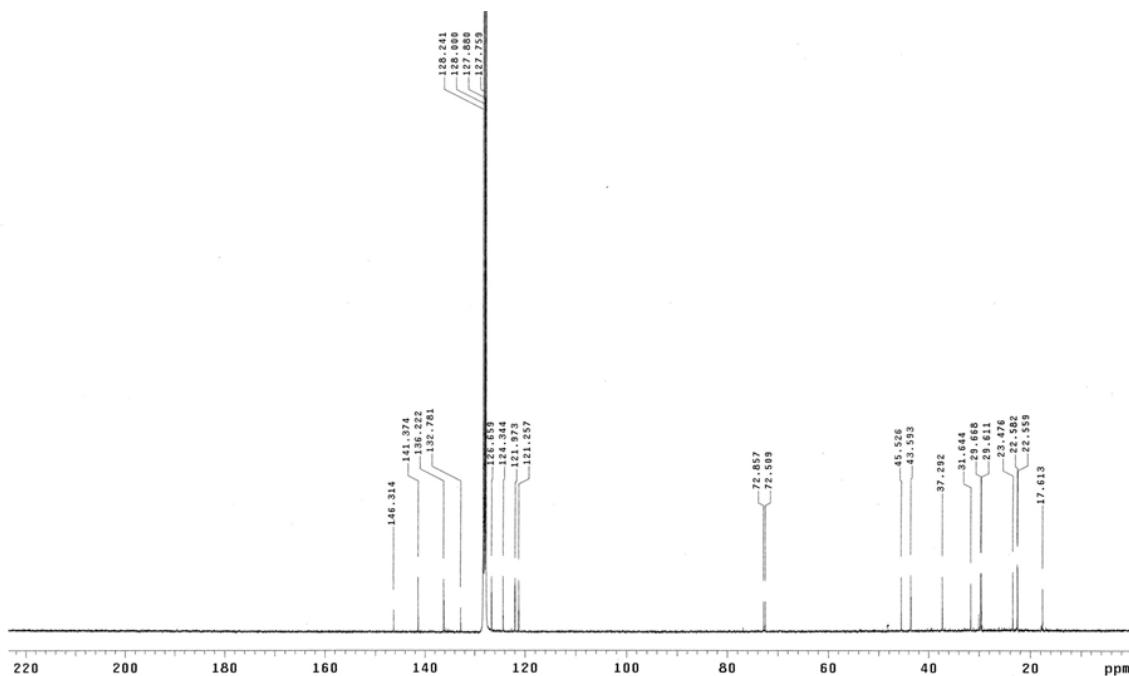


Figure S12. ¹³C NMR spectrum of **4** in C₆D₆ at 100 MHz.

ESI+
Molecular Formula:C₂₀H₃₄O₃Na
Exact Mass:345.2406
Measured Mass:345.2404

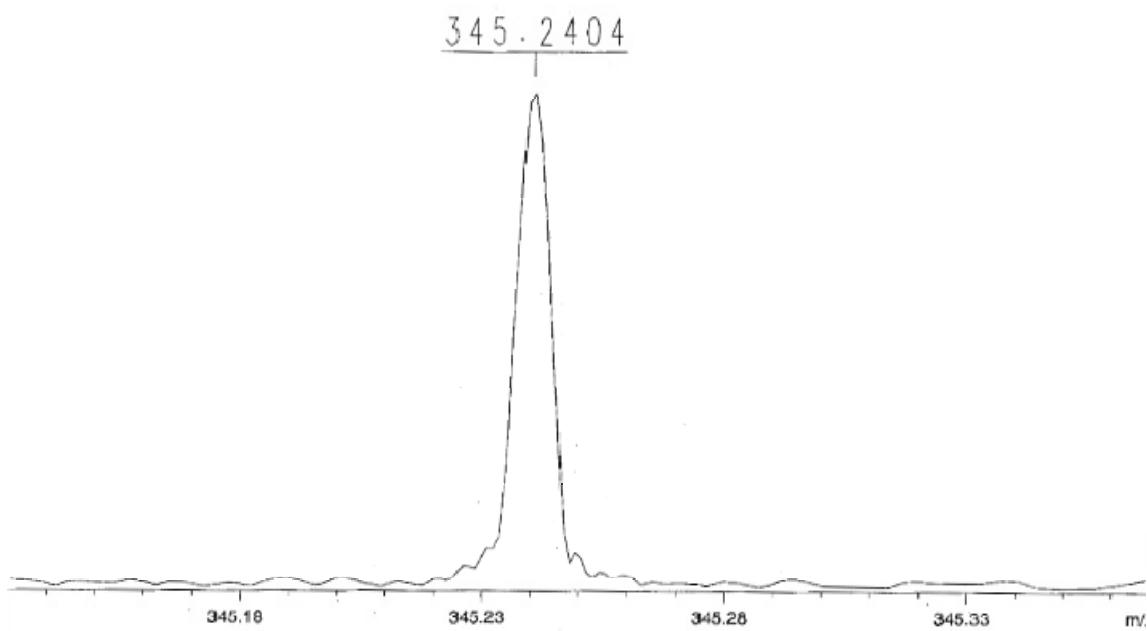


Figure S13. HRESIMS spectrum of **5**.

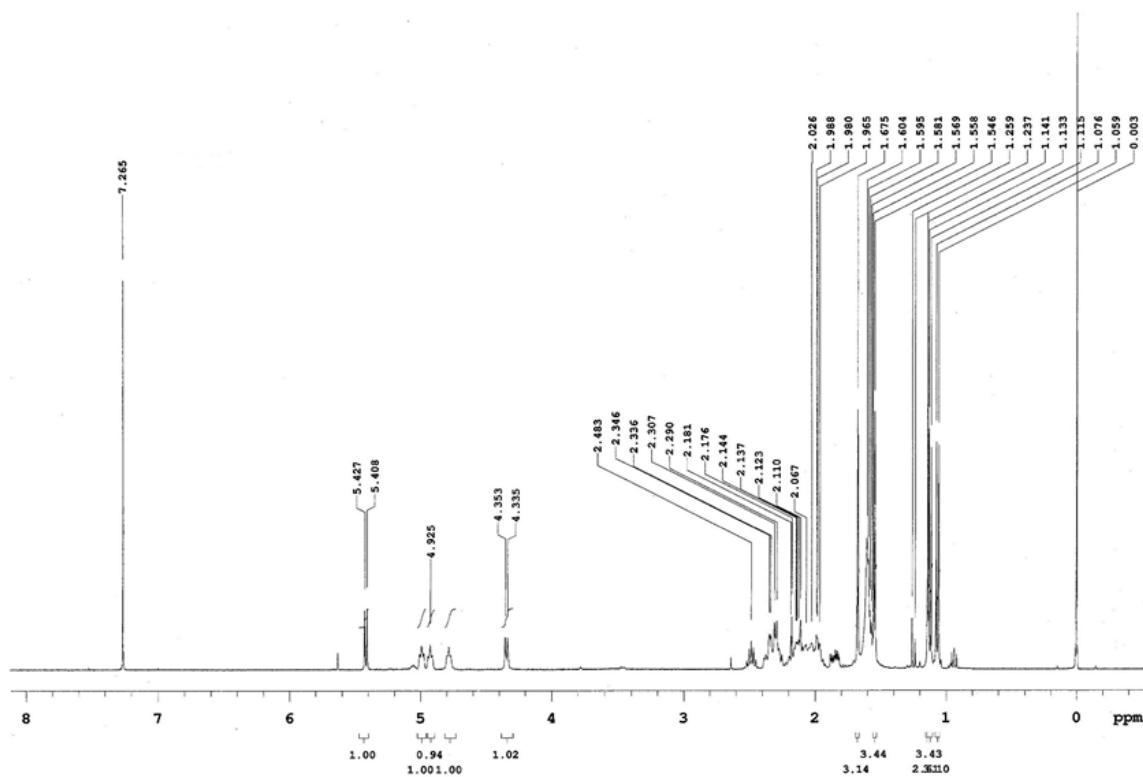


Figure S14. ¹H NMR spectrum of 5 in CDCl₃ at 400 MHz.

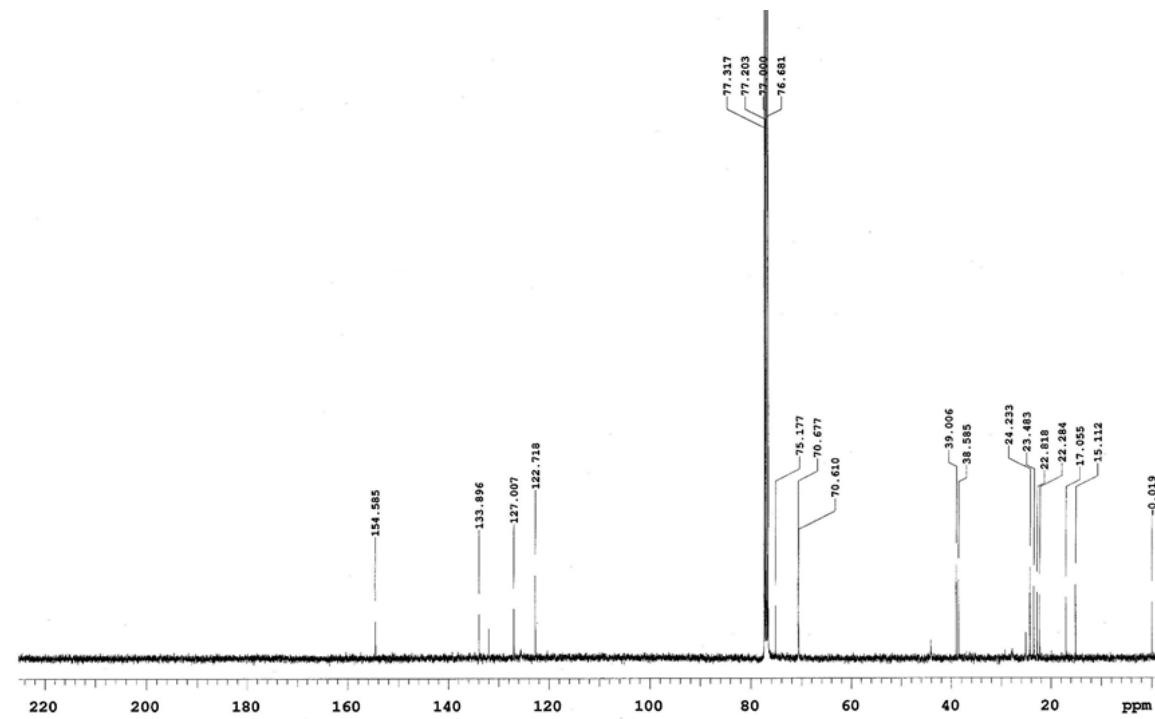


Figure S15. ¹³C NMR spectrum of 5 in CDCl₃ at 100 MHz.

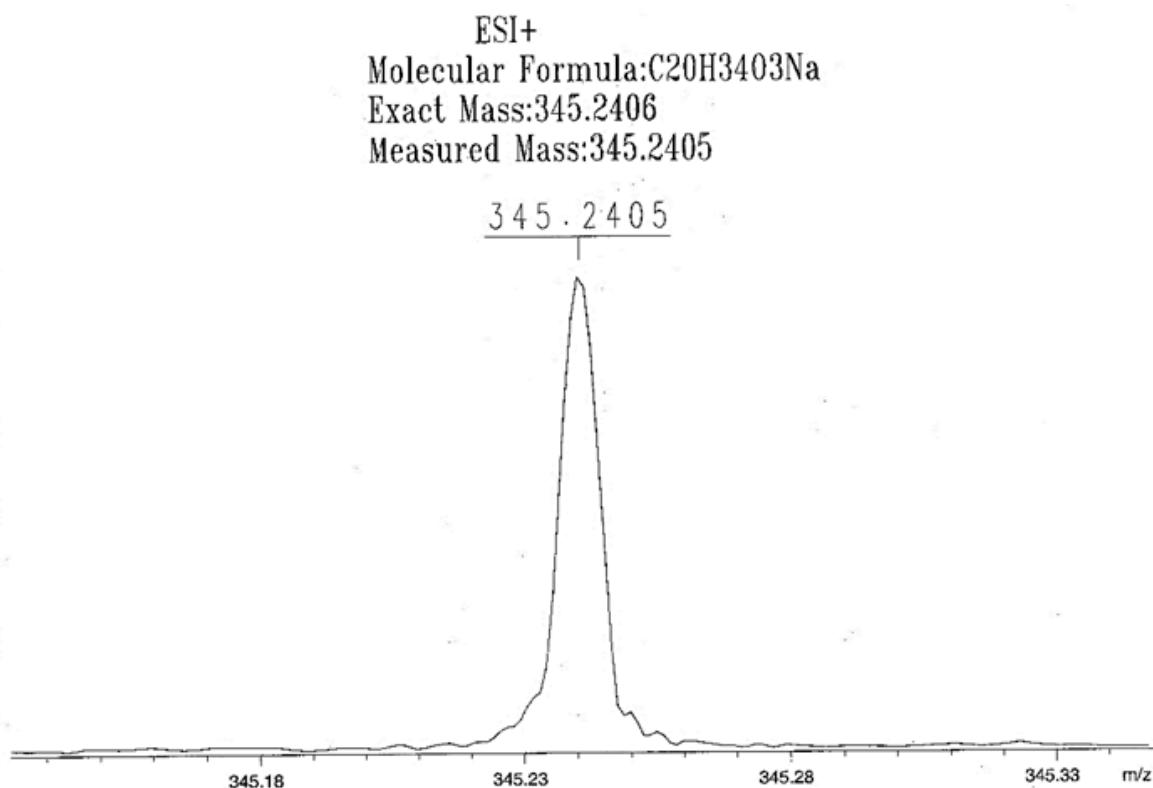


Figure S16. HRESMS spectrum of 6.

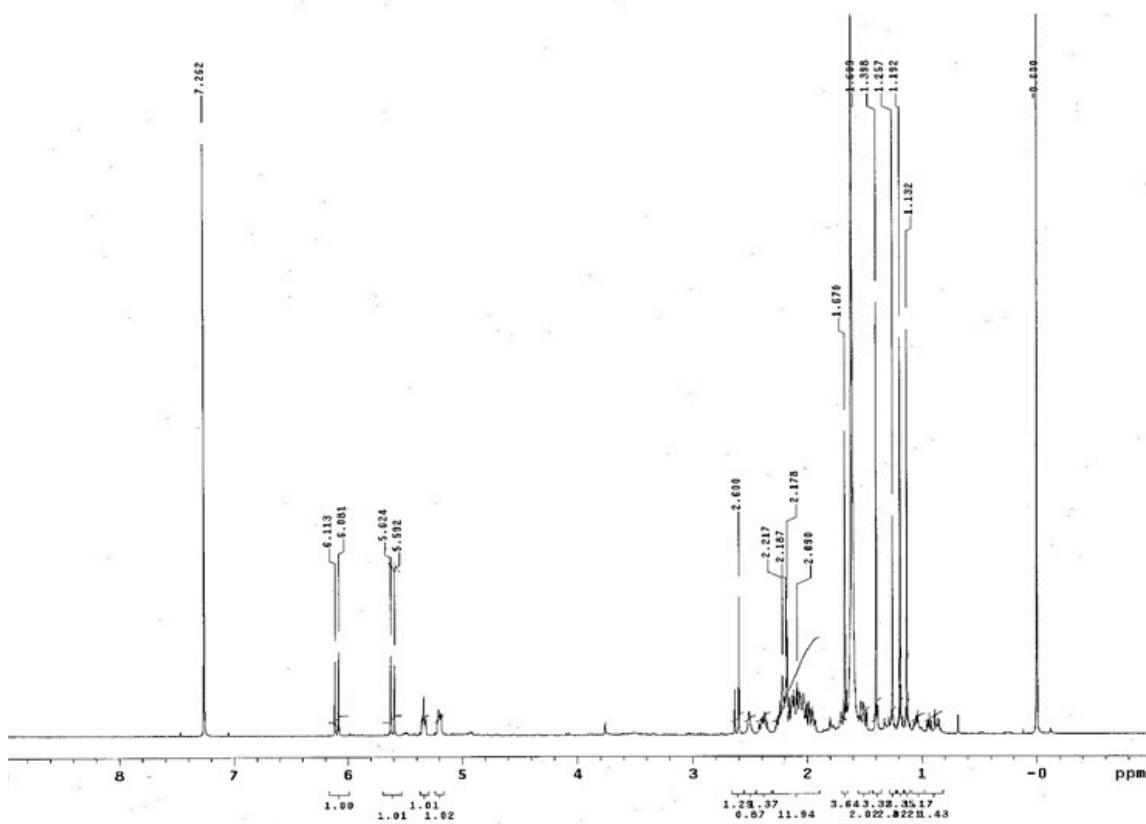


Figure S17. ^1H NMR spectrum of **6** in CDCl_3 at 500 MHz.

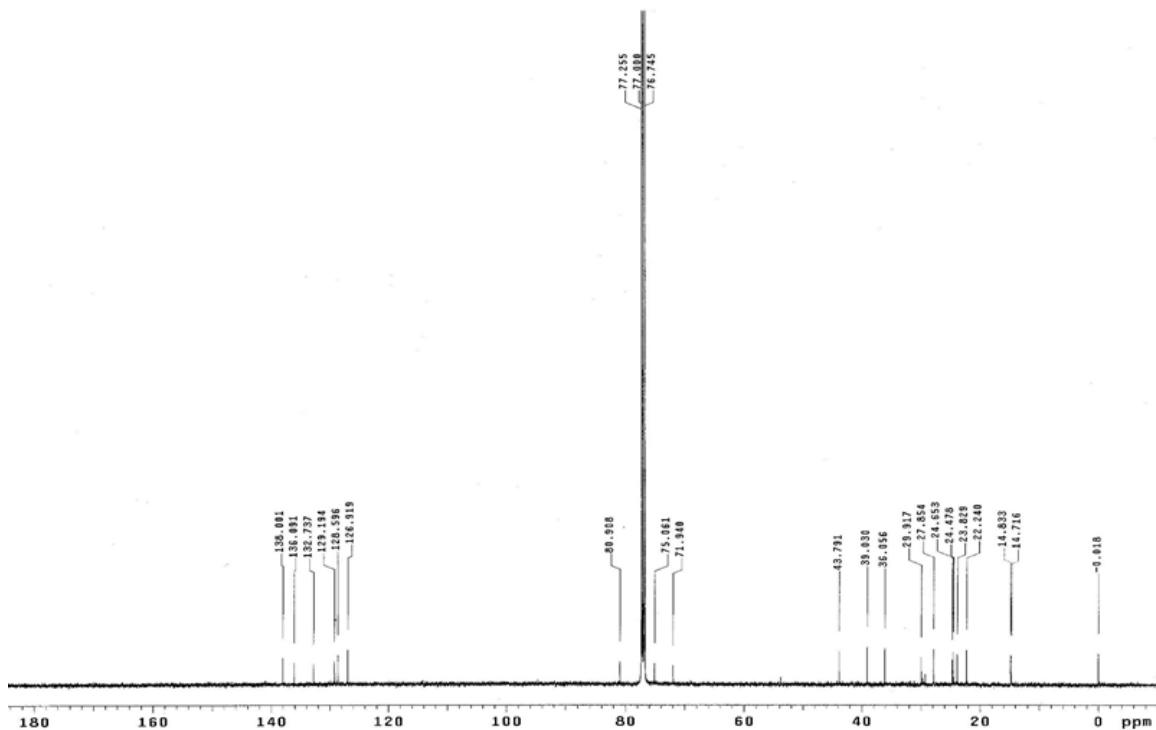


Figure S18. ¹³C NMR spectrum of 6 in CDCl₃ at 125 MHz.

R-7 ESI+
Molecular Formula : C₂₀H₃₂O₃Na
Exact Mass :343.2249
Measured Mass:343.2250

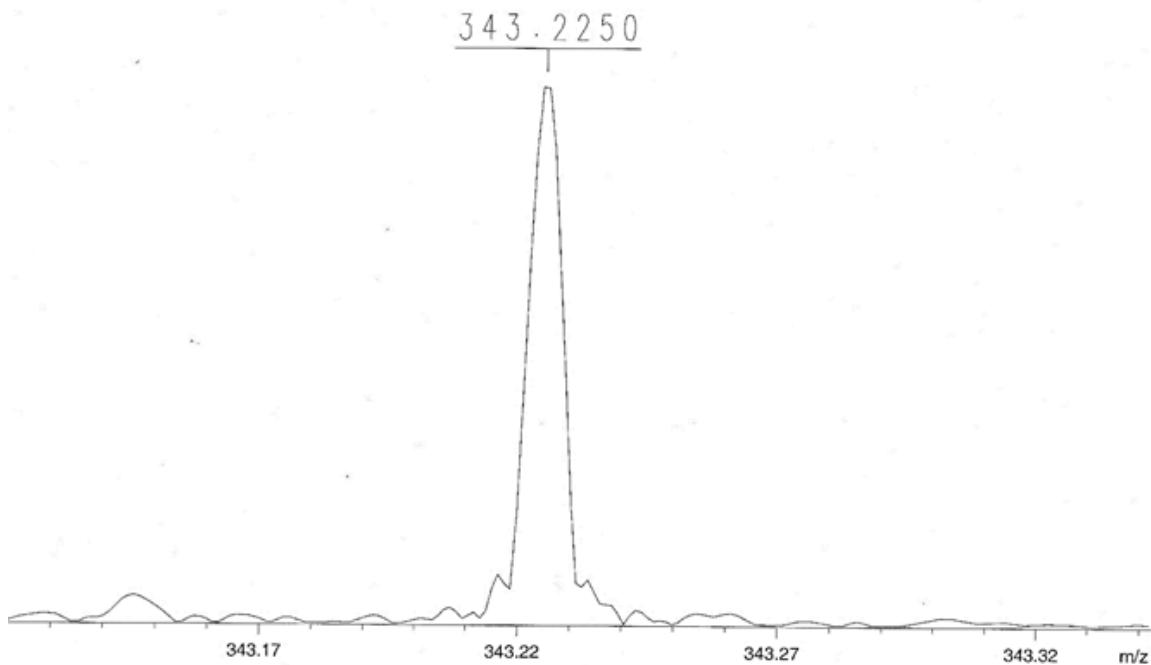


Figure S19. HRESIMS spectrum of 7.

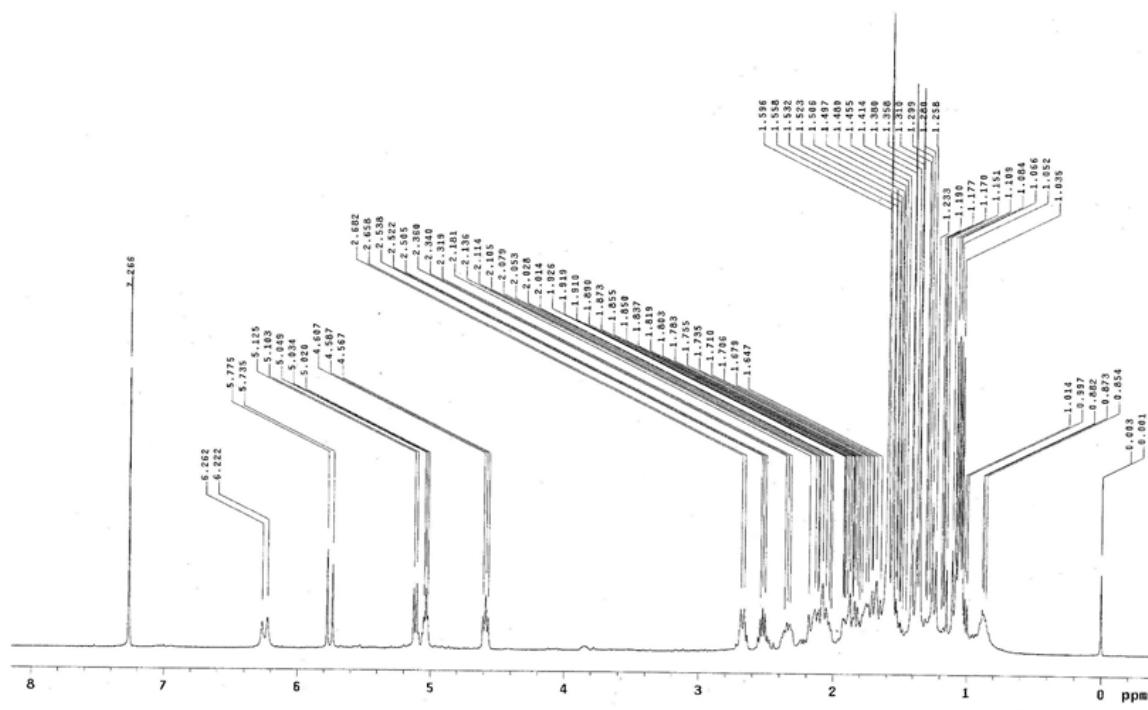


Figure S20. ^1H NMR spectrum of **7** in CDCl_3 at 400 MHz.

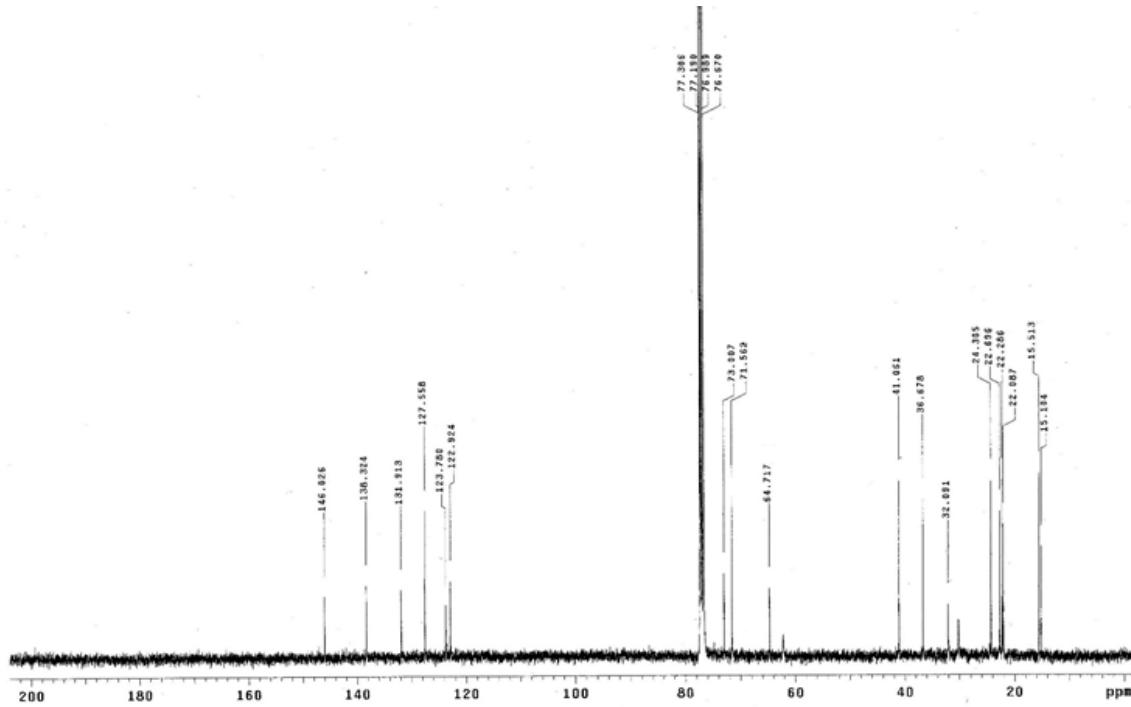
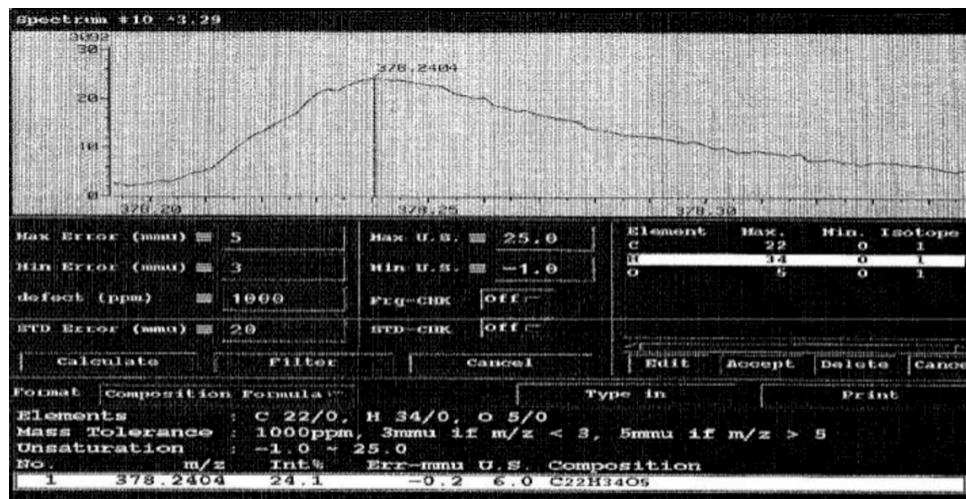
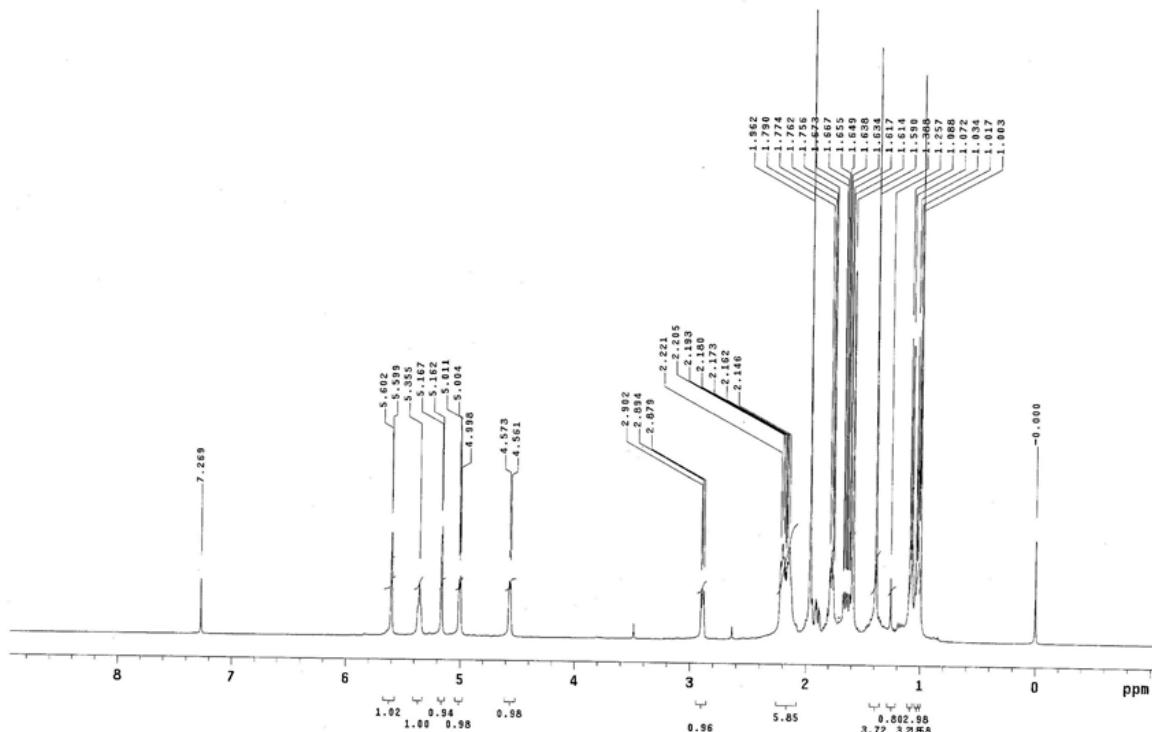
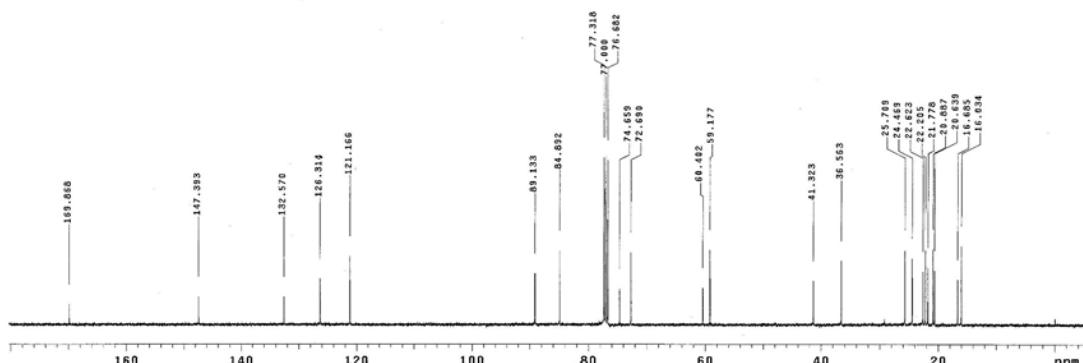


Figure S21. ^{13}C NMR spectrum of **7** in CDCl_3 at 100 MHz.

Figure S22. HRESIMS spectrum of **8**.Figure S23. ¹H NMR spectrum of **8** in CDCl₃ at 400 MHz.Figure S24. ¹³C NMR spectrum of **8** in CDCl₃ at 100 MHz.

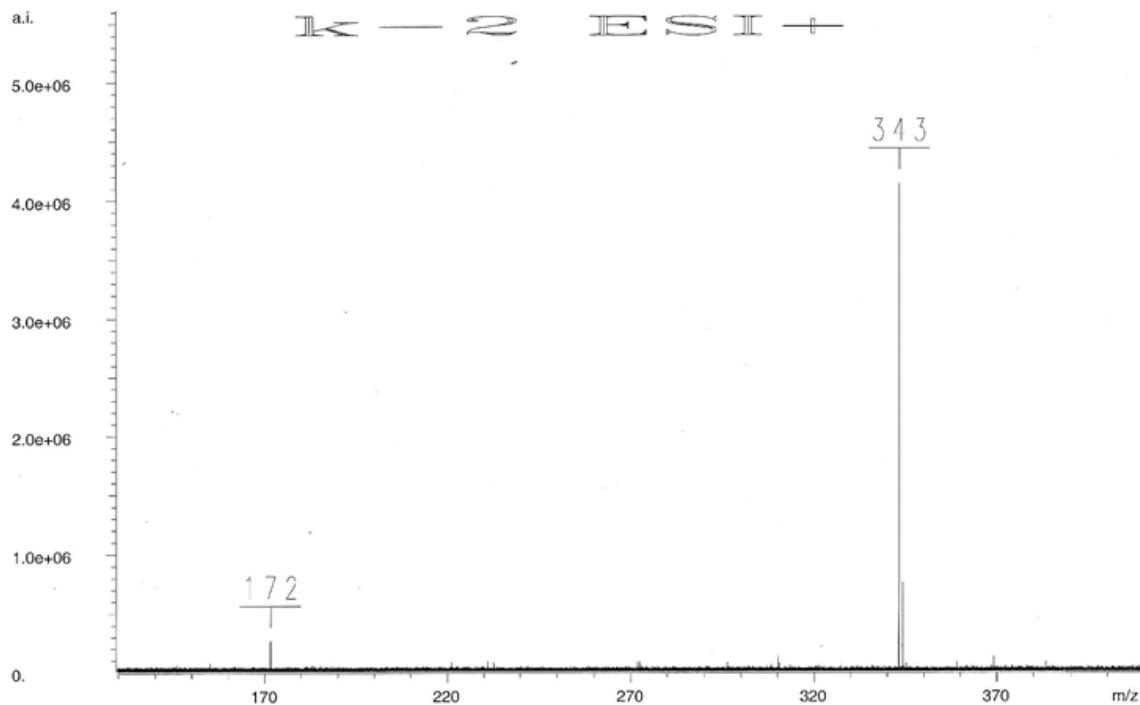
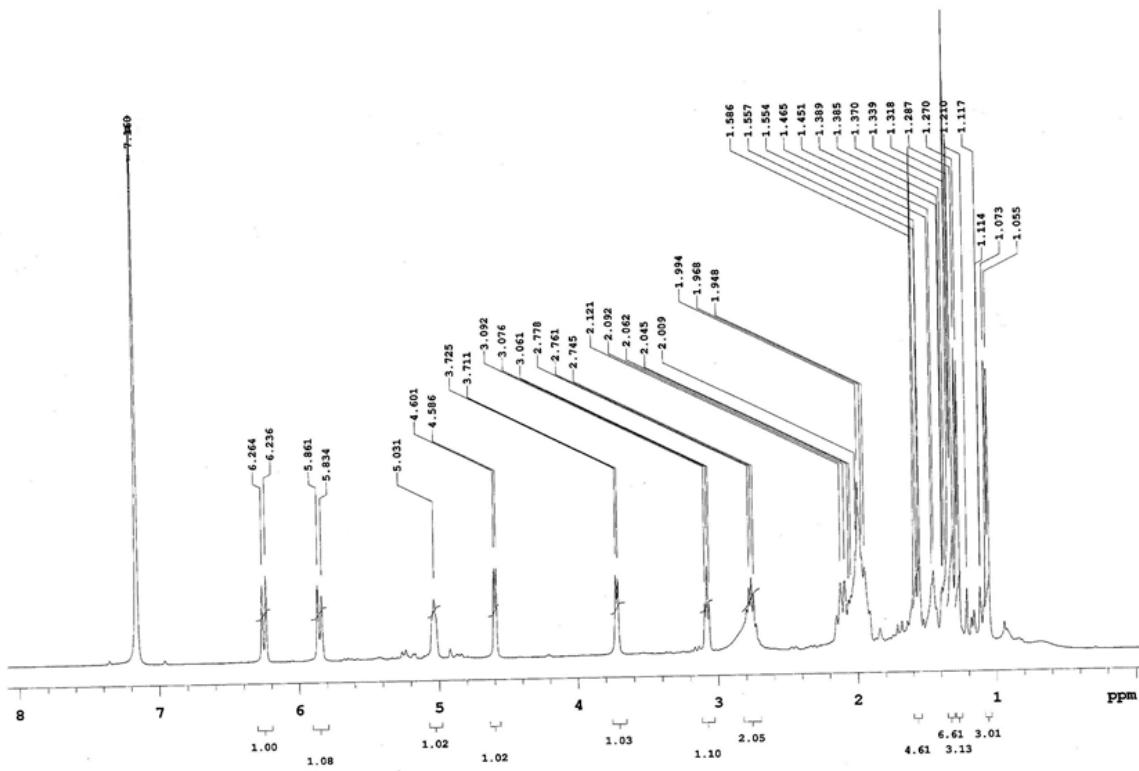


Figure S25. ESIMS spectrum of 9.

Figure S26. ¹H NMR spectrum of 9 in C₆D₆ at 400 MHz.

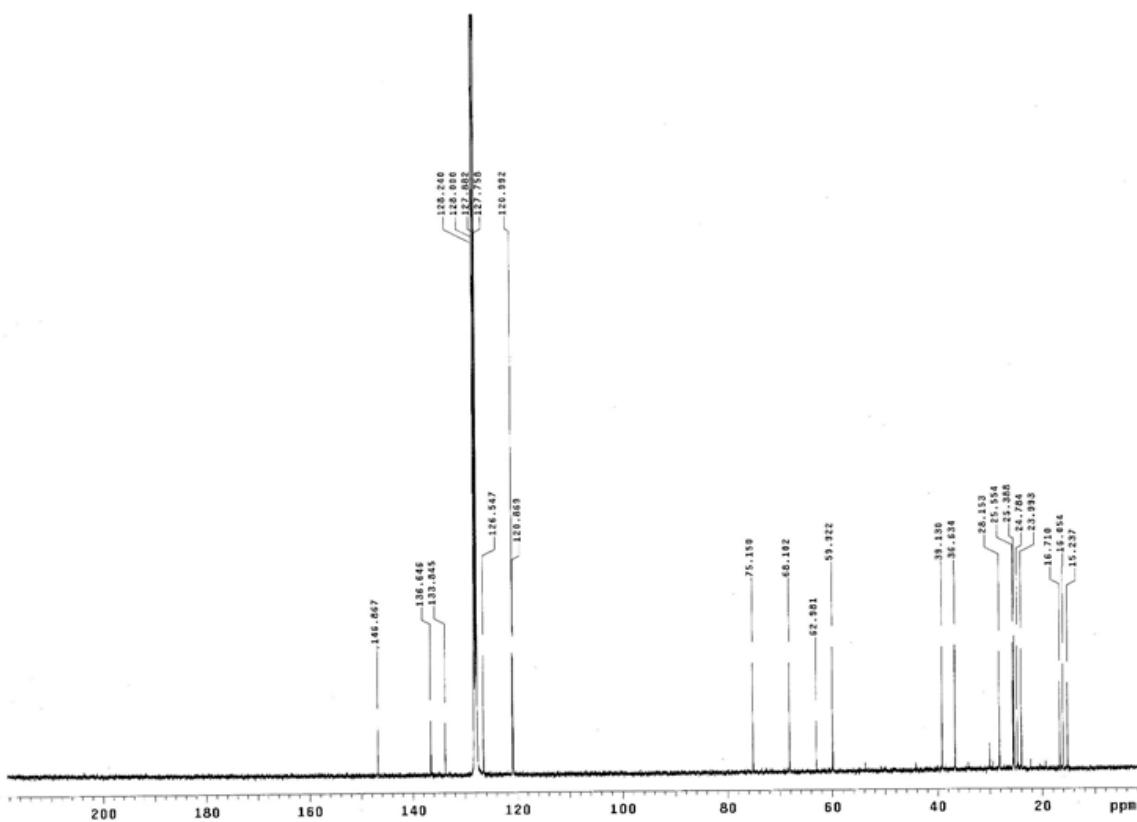


Figure S27. ^{13}C NMR spectrum of **9** in C_6D_6 at 100 MHz.