

Supplementary Information

Sesquiterpenoids from *Nectandra megapotamica* (Lauraceae)

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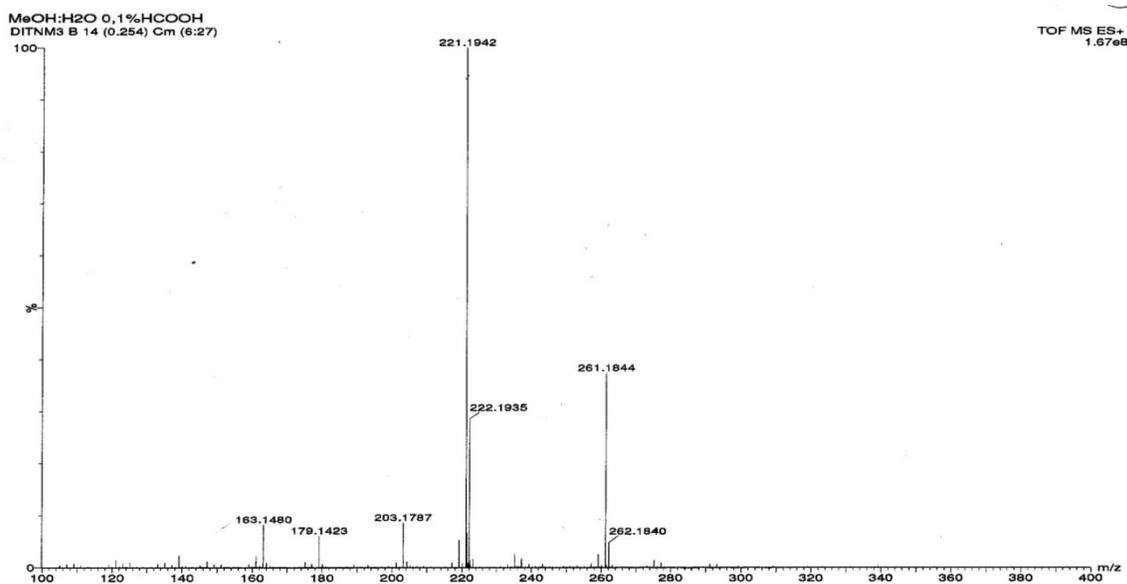


Figure S1. HRESIMS of **1**.

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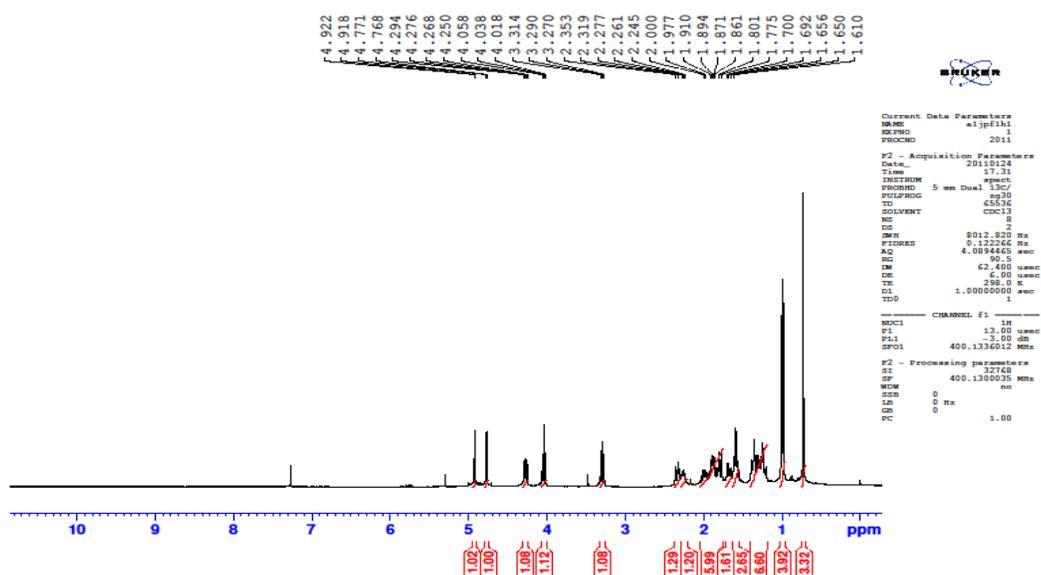


Figure S2. ¹H NMR spectrum (400.1 MHz, CHCl₃) of **1**.

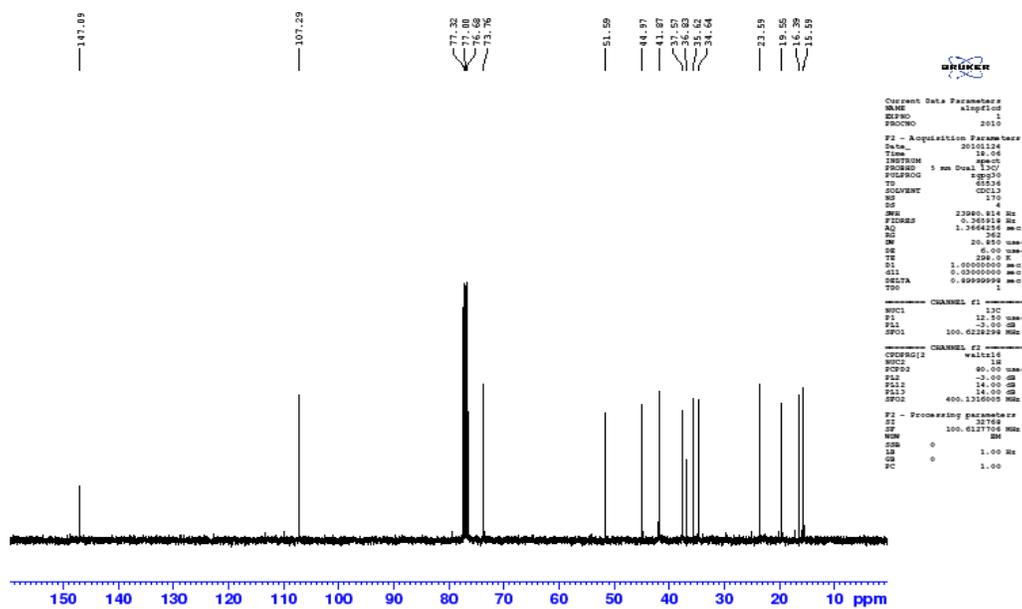


Figure S3. ¹³C NMR spectrum (100 MHz, CHCl₃) of **1**.

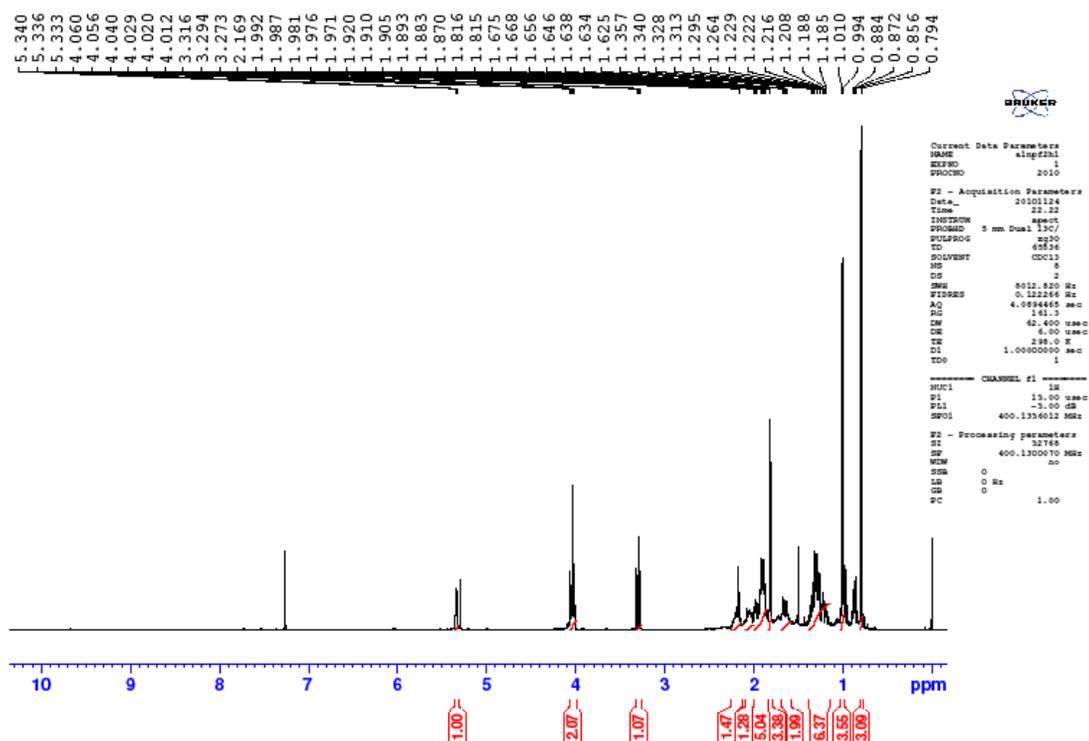


Figure S6. ^1H NMR spectrum (400.1 MHz, CHCl_3) of **2**.

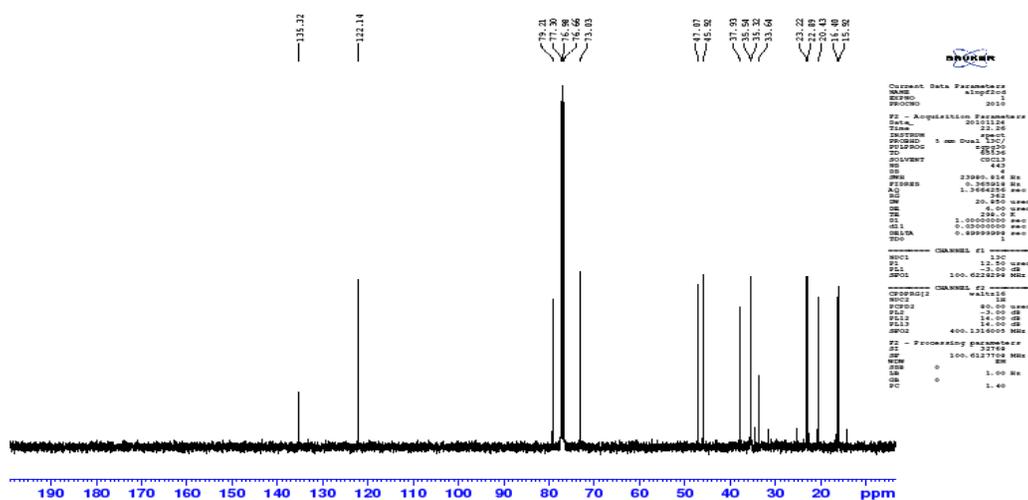


Figure S7. ^{13}C NMR spectrum (100 MHz, CHCl_3) of **2**.

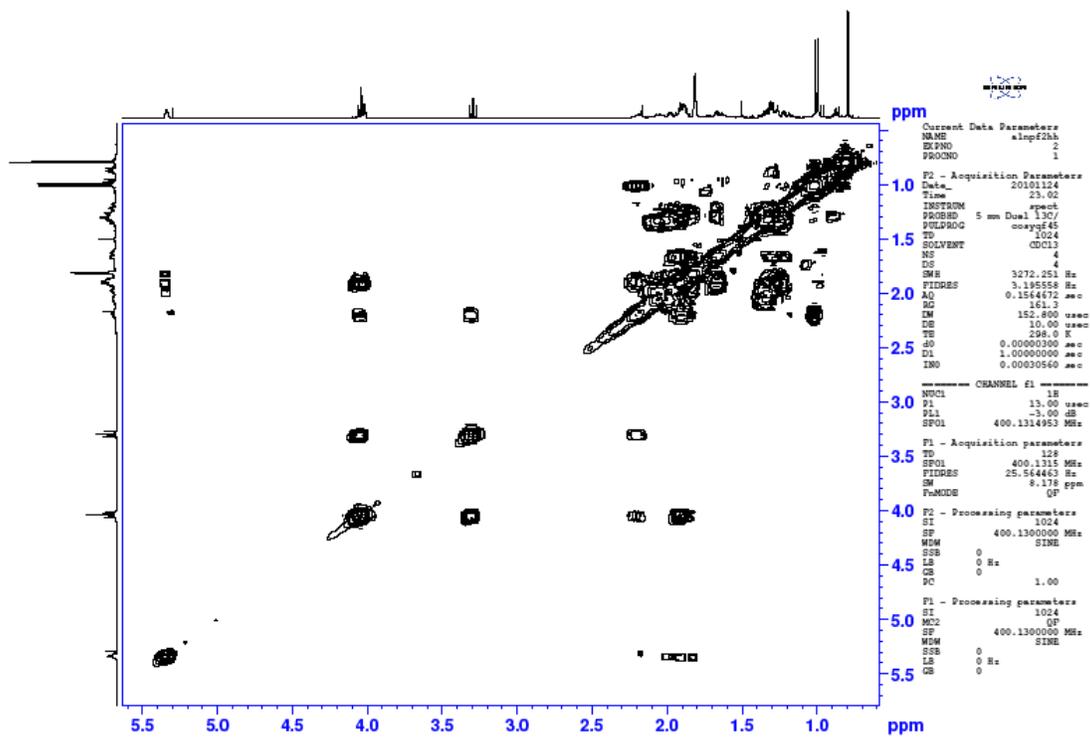


Figure S8. COSY spectrum (400.1 MHz, CHCl₃) of 2.

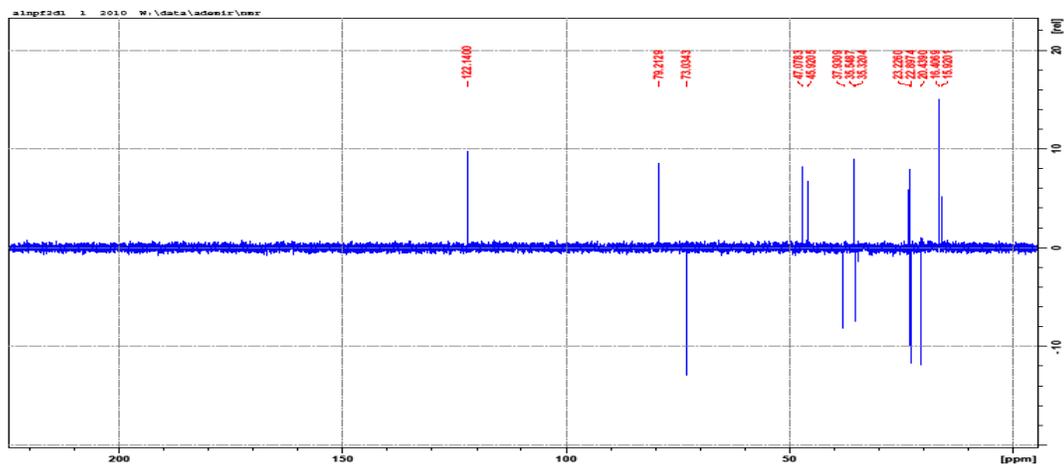


Figure S9. DEPT spectrum (100 MHz, CHCl₃) of 2.

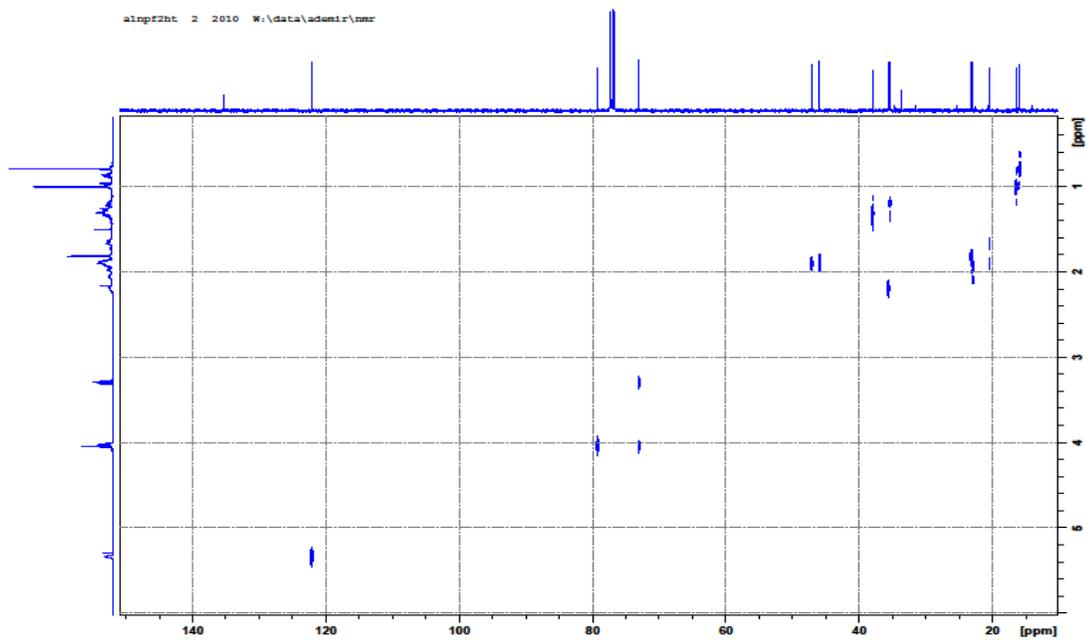


Figure S10. HETCOR spectrum (100 MHz, CHCl₃) of 2.

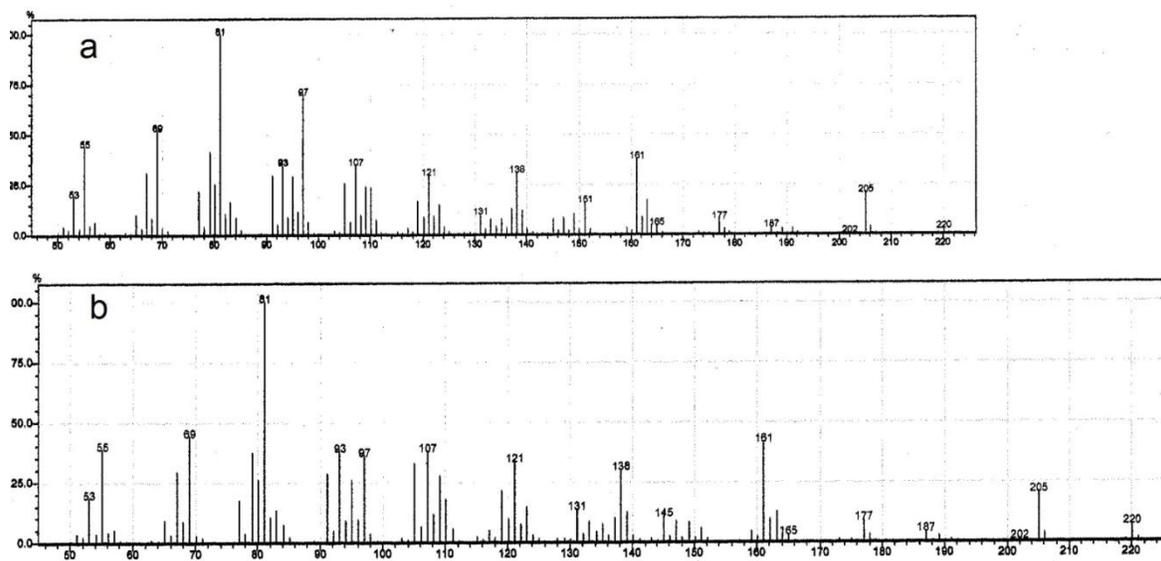


Figure S11. MS of (a) 3; (b) 4.

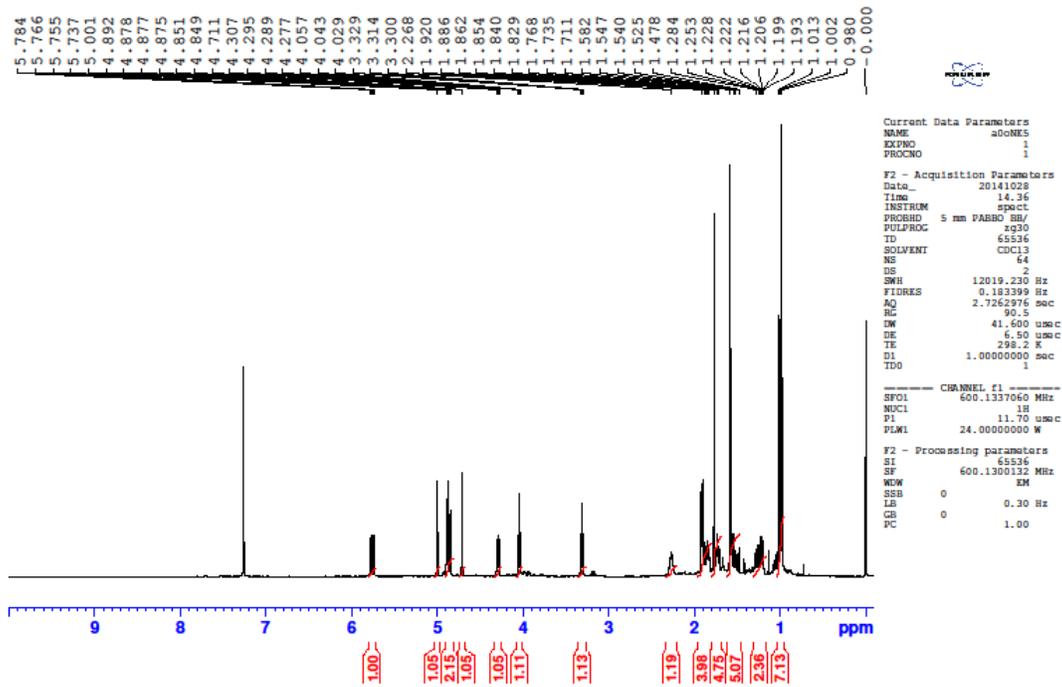


Figure S12. ^1H NMR spectrum (400.1 MHz, CHCl_3) of **3**.

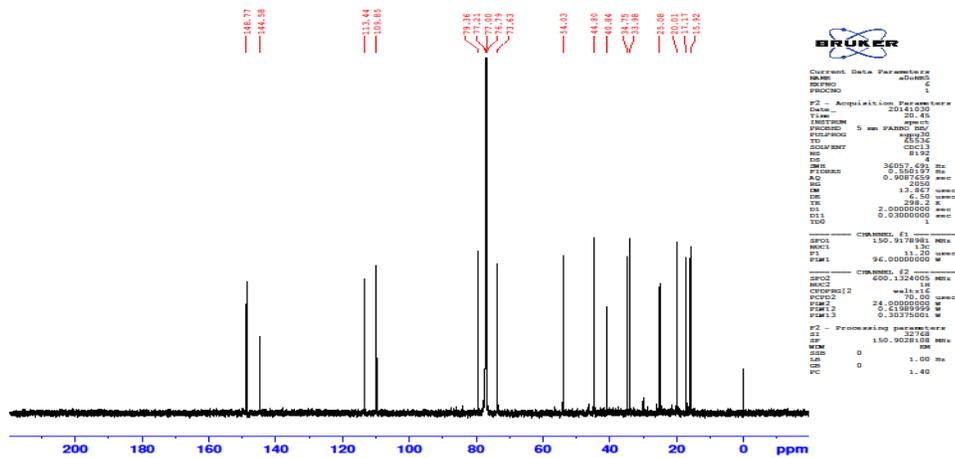


Figure S13. ^{13}C NMR spectrum (100 MHz, CHCl_3) of **3**.

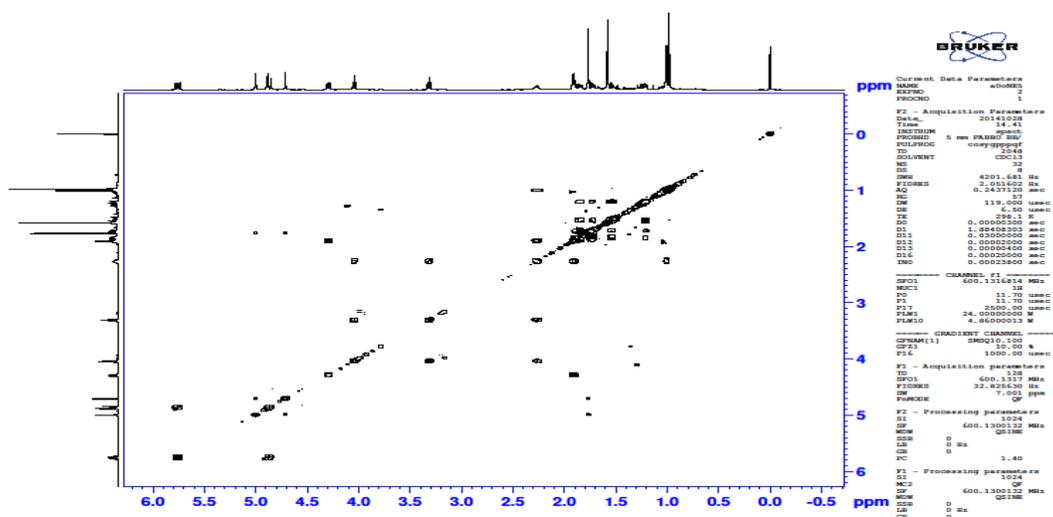


Figure S14. COSY spectrum (400.1 MHz, CHCl₃) of **3**.

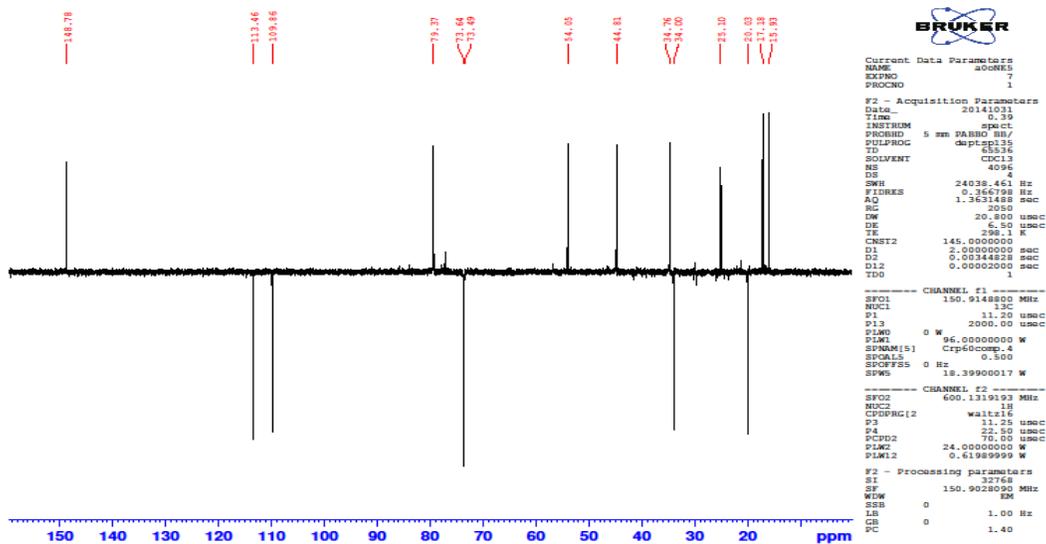


Figure S15. DEPT spectrum (100 MHz, CHCl₃) of **3**.

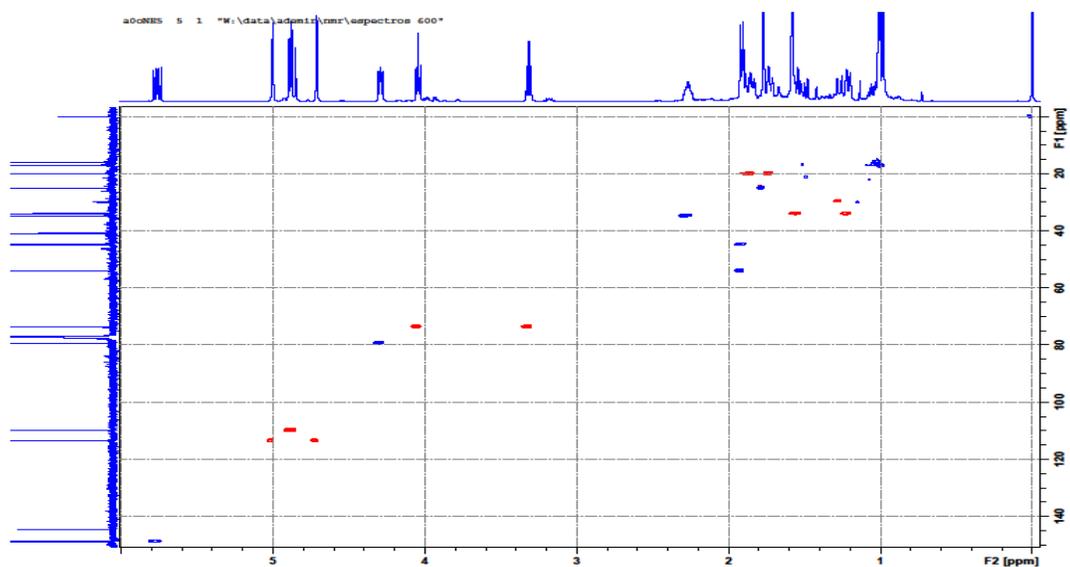


Figure S16. HMQC spectrum (400.1 MHz, CHCl₃) of 3.

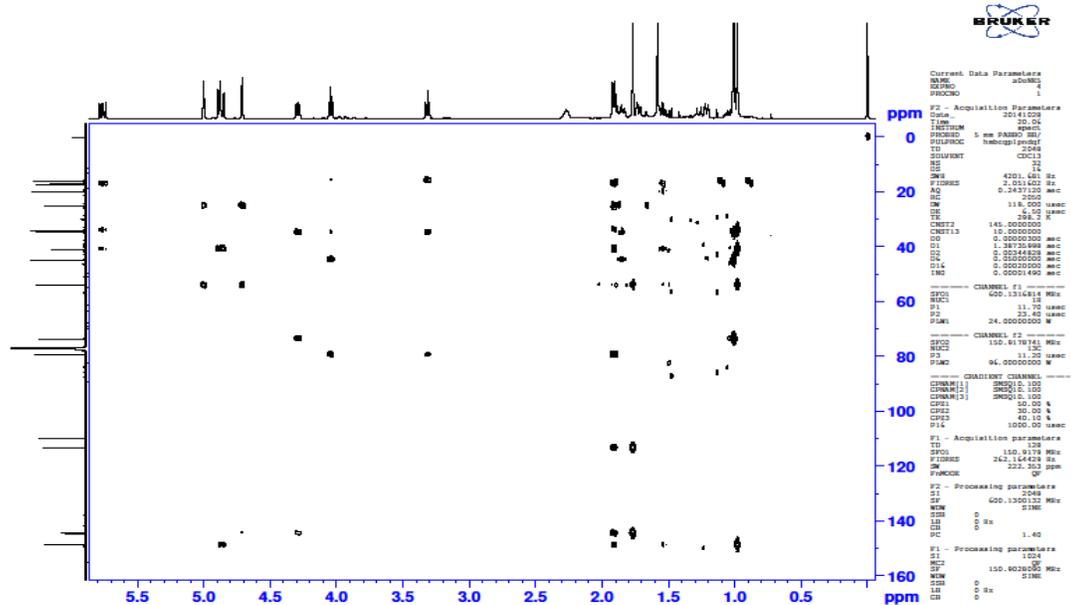


Figure S17. HMBC spectrum (400.1 MHz, CHCl₃) of 3.

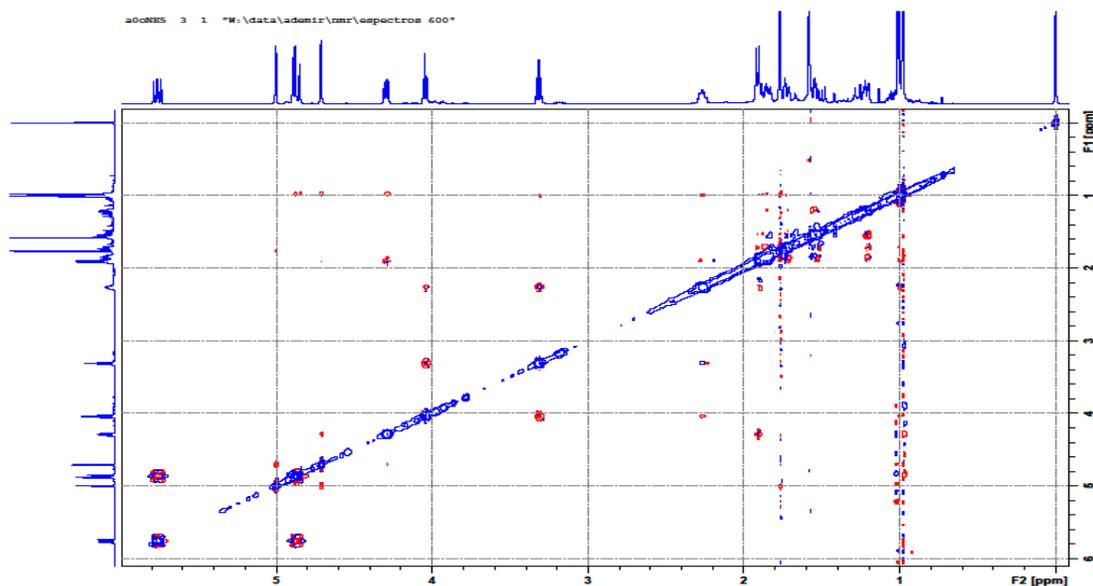


Figure S18. NOESY spectrum (400.1 MHz, CHCl₃) of 3.

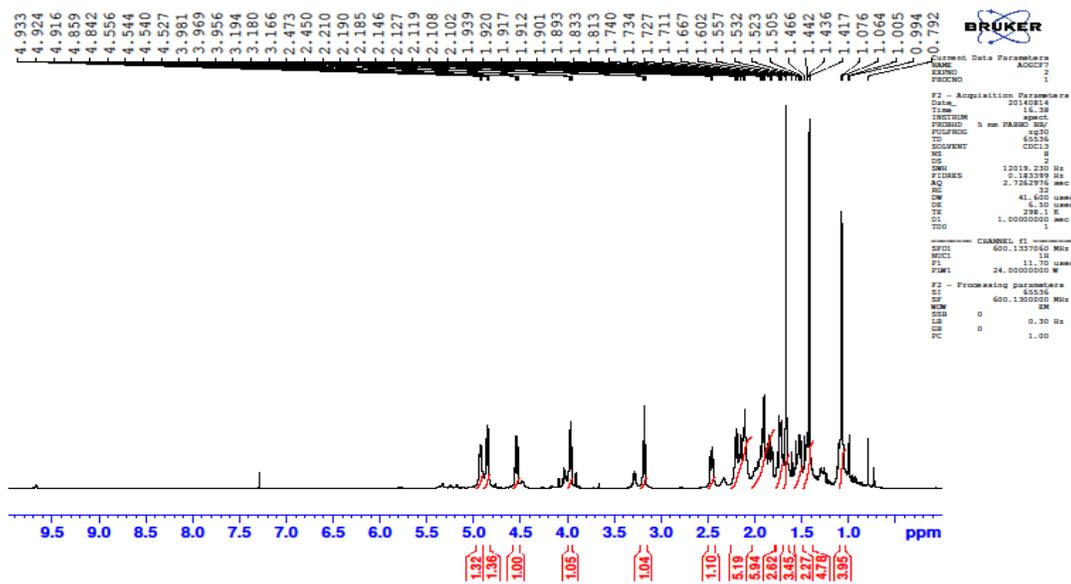


Figure S19. ¹H NMR spectrum (400.1 MHz, CHCl₃) of 4.

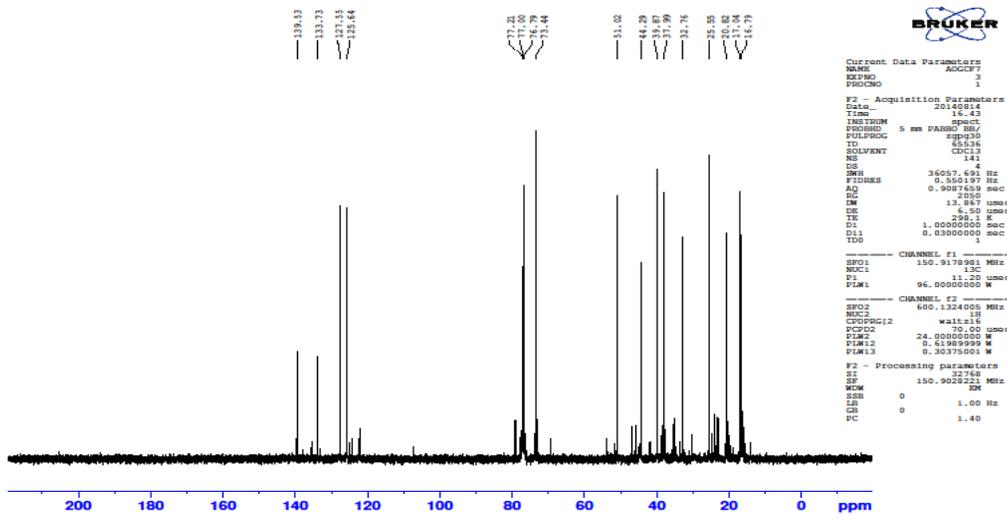


Figure S20. ¹³C NMR spectrum(100 MHz, CHCl₃) of 4.

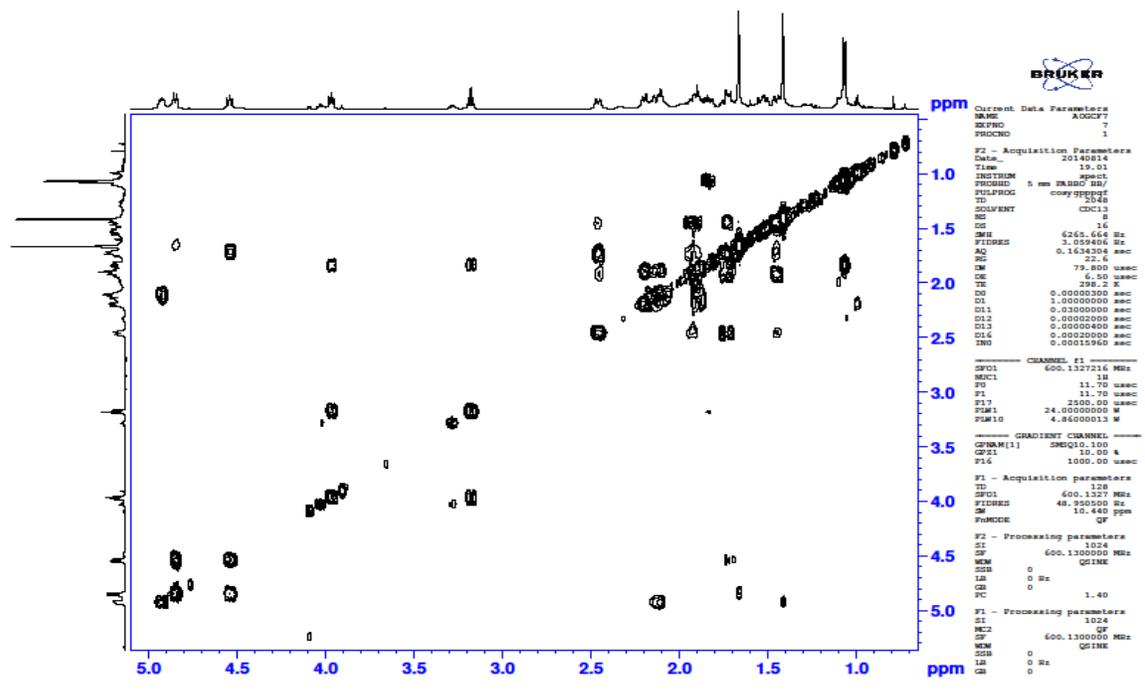


Figure S21. COSY spectrum (400.1 MHz, CHCl₃) of 4.

HMBGCP

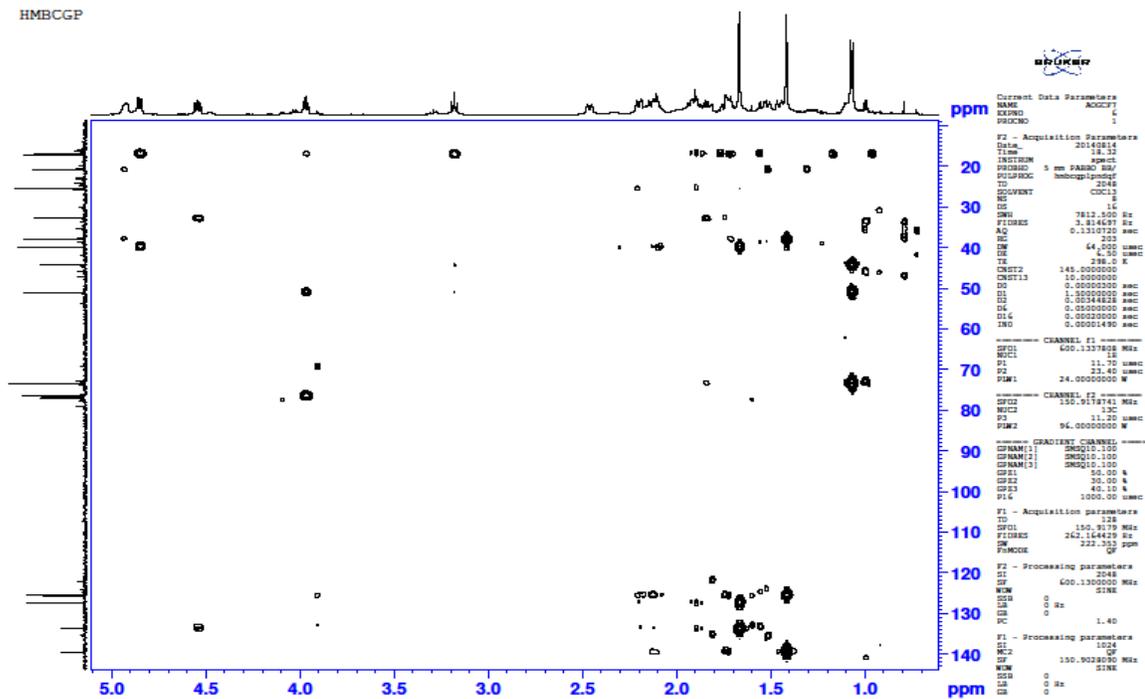


Figure S24. HMBC spectrum (400.1 MHz, CHCl₃) of 4.

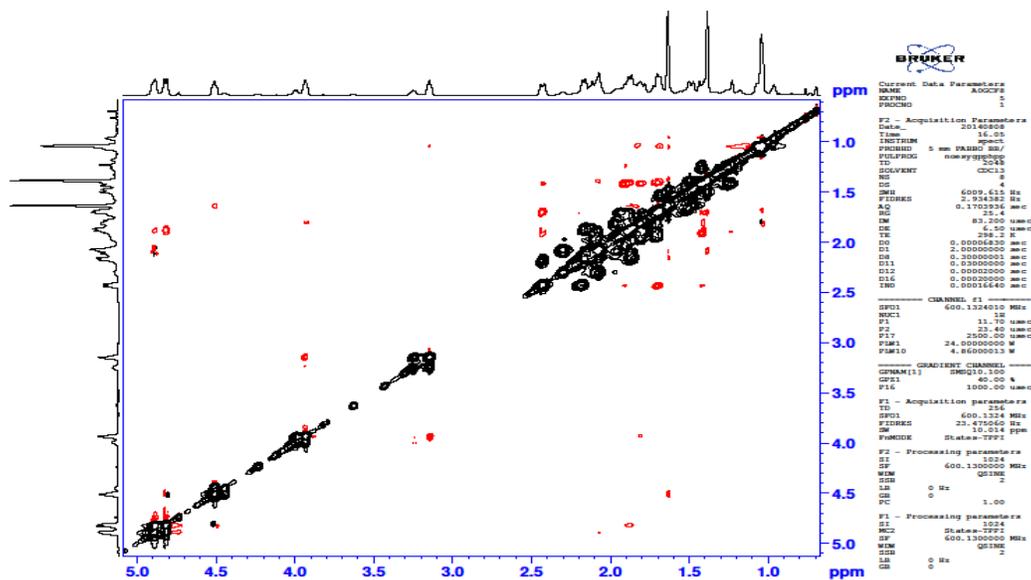


Figure S25. NOESY spectrum (400.1 MHz, CHCl₃) of 4.

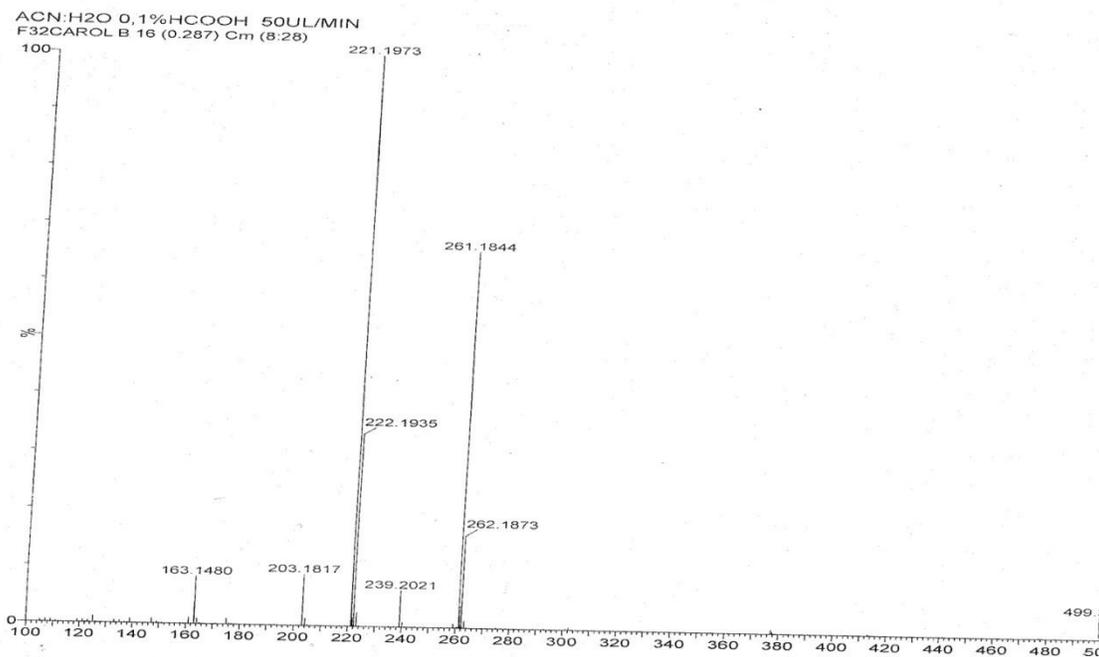


Figure S26. HRESIMS of 5.

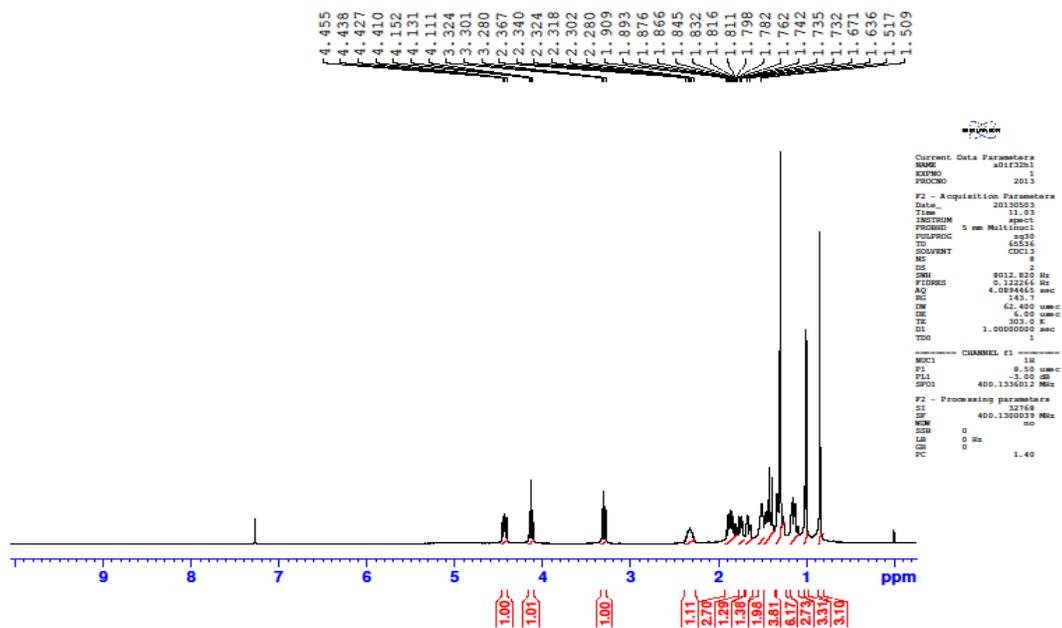


Figure S27. ¹H NMR spectrum (400.1 MHz, CHCl₃) of 5.

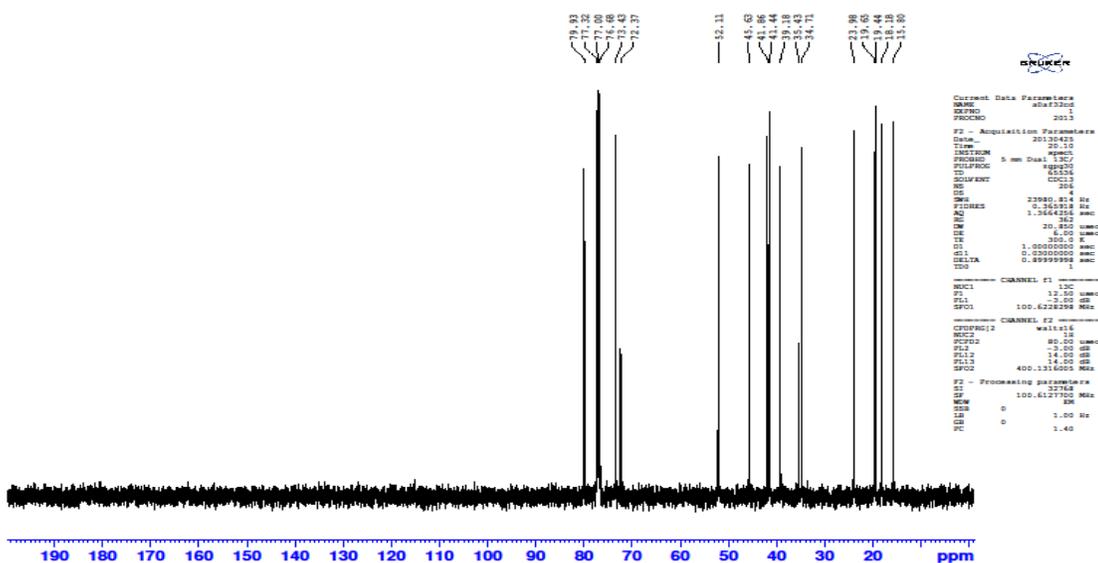


Figure S28. ^{13}C NMR spectrum (400.1 MHz, CHCl_3) of 5.

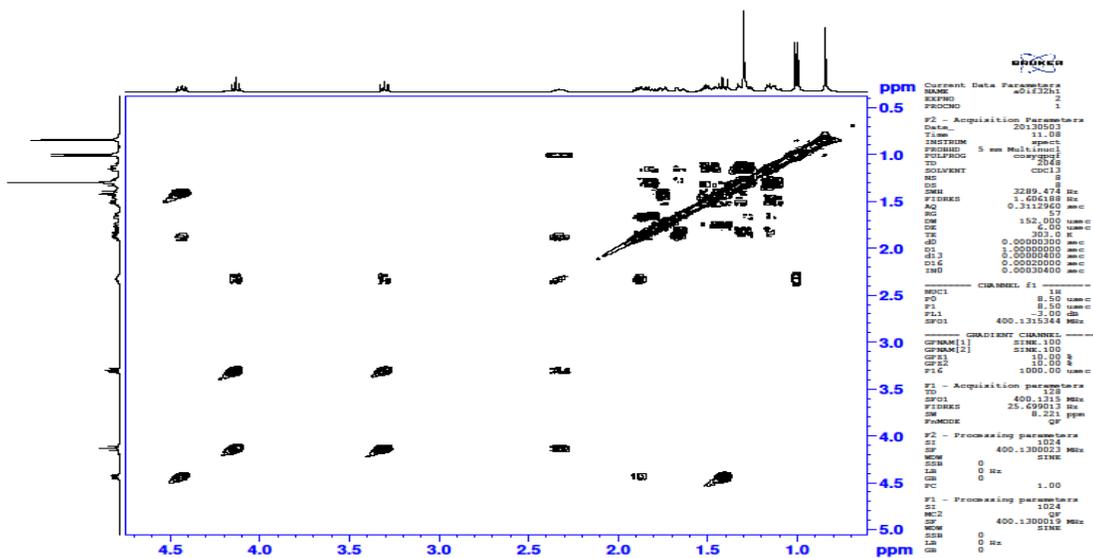


Figure S29. COSY spectrum (400.1 MHz, CHCl_3) of 5.

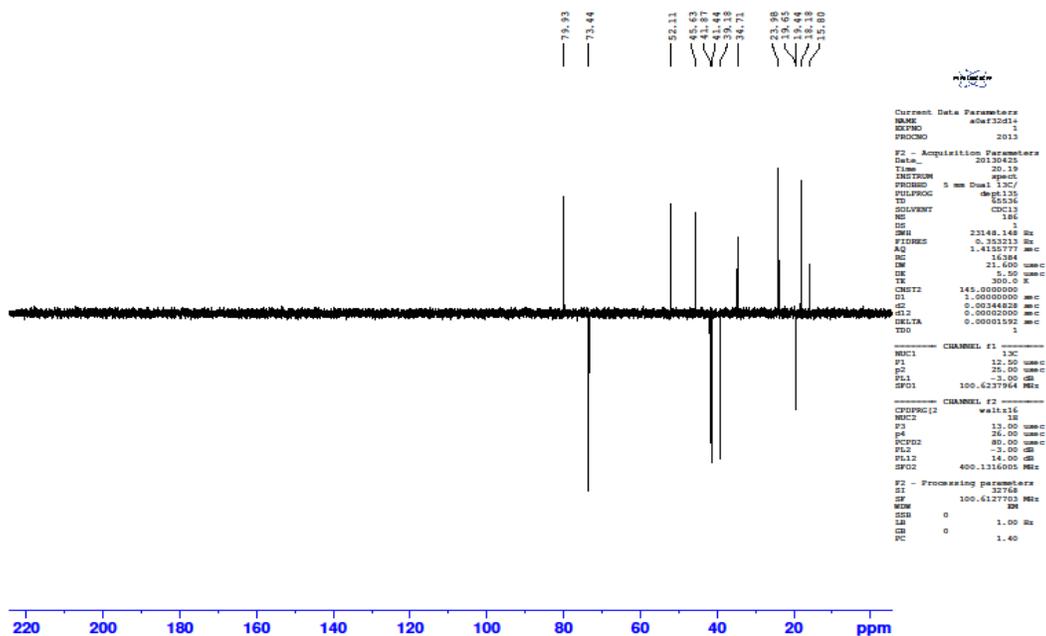


Figure S30. DEPT spectrum (100 MHz, CHCl₃) of 5.

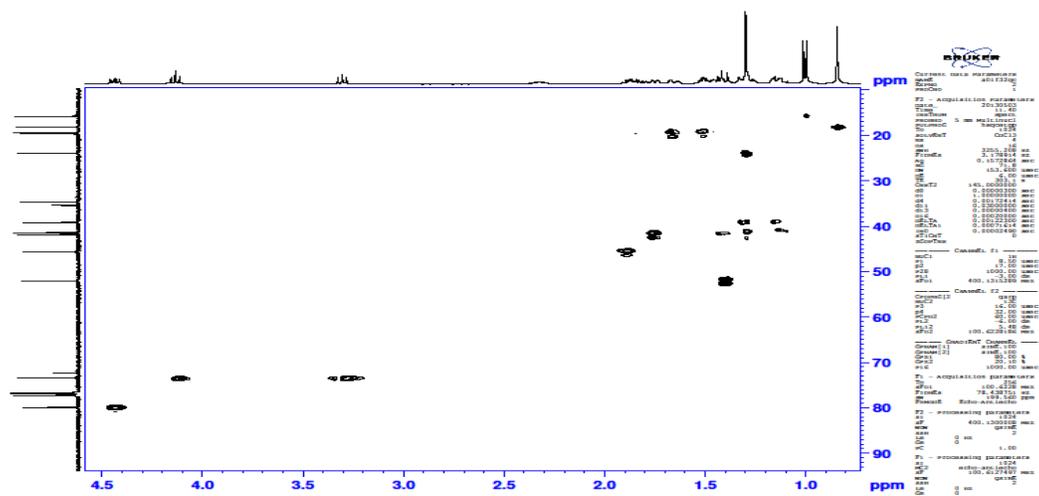


Figure S31. HMQC spectrum (400.1 MHz, CHCl₃) of 5.

HMBCGP

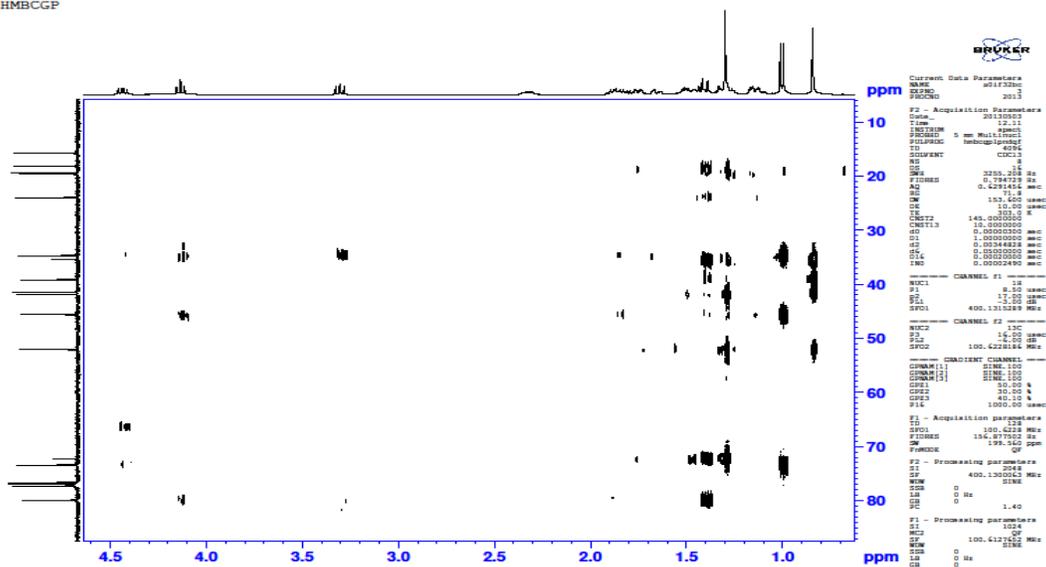


Figure S32. HMBC spectrum (400.1 MHz, CHCl₃) of 5.

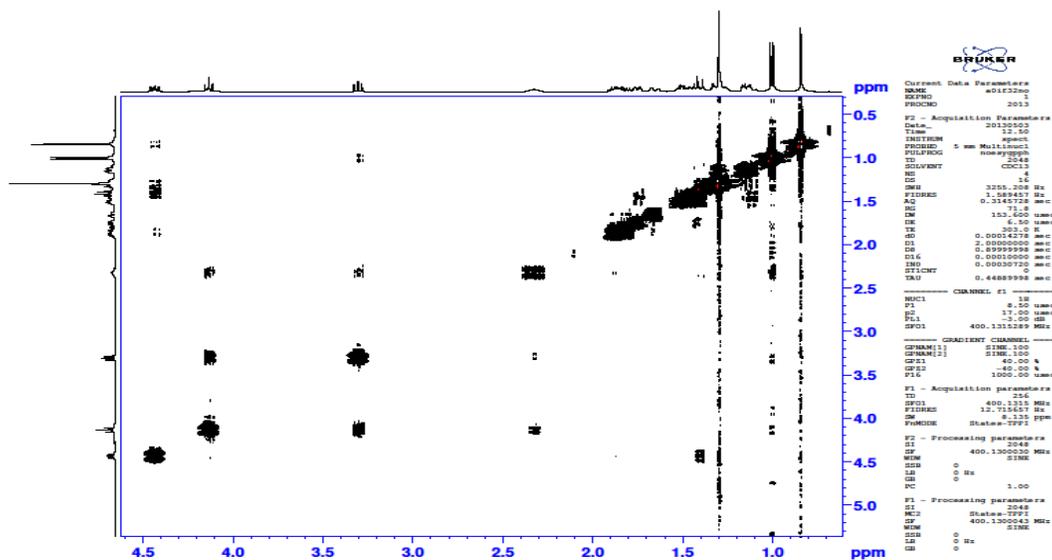
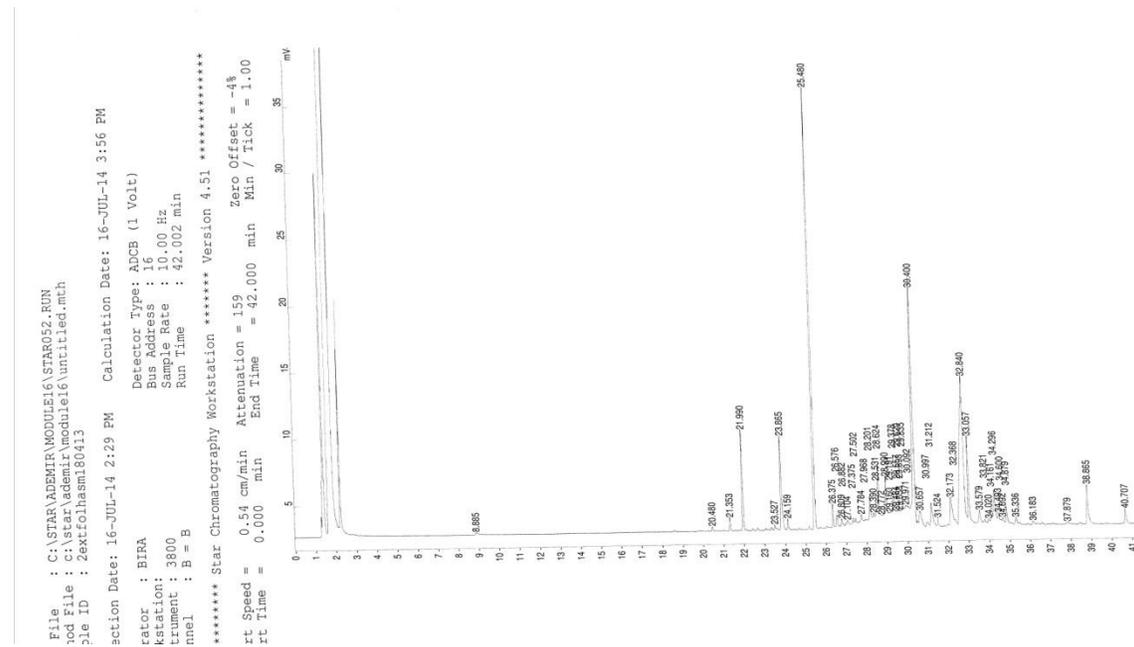


Figure S33. NOESY spectrum (100 MHz, CHCl₃) of 5.



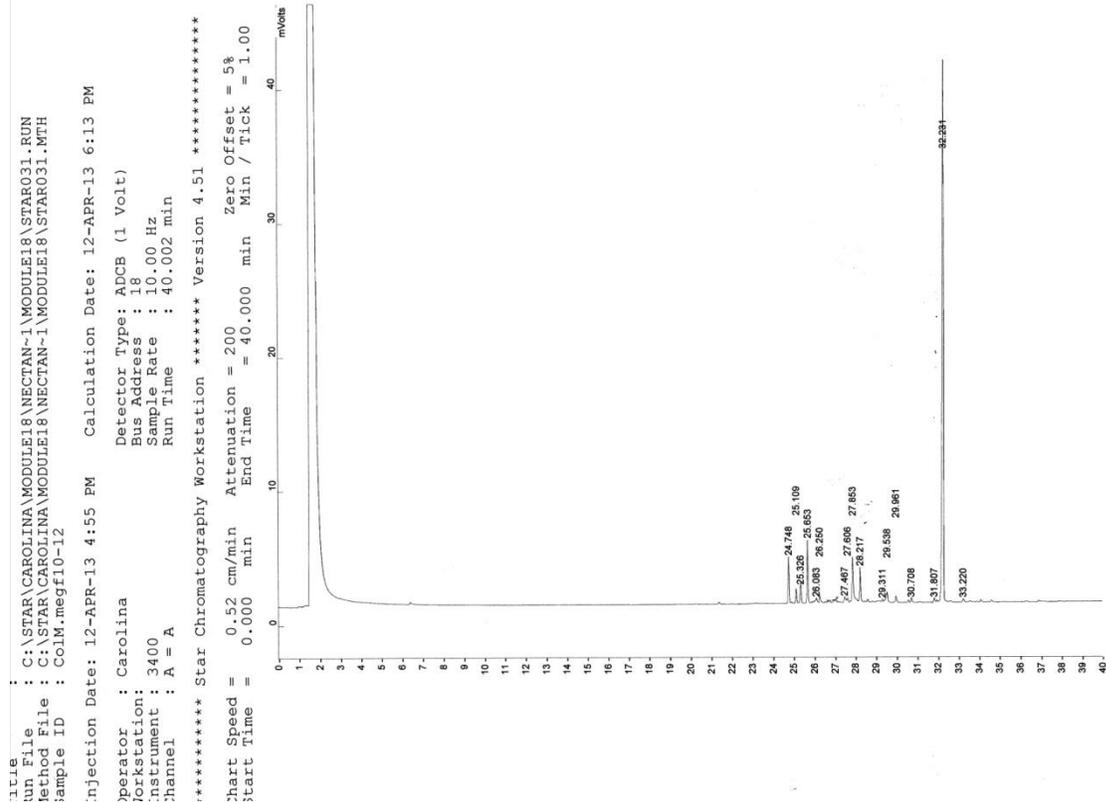


Figure S36. Chromatogram of GC analysis of co-injection of the essential oil *Nectandra megapotamica* and compound **5**.

Table S1. Relative amounts and quantities of compounds isolated from the essential oil obtained from *Nectandra megapotamica*

No.	Compound	RI	Relative amount / %	Isolated amount / mg
1	nectandrene A	1705	}	20.0
2	nectandrene B	1705		13.42
3	nectandrene C	1547	14.54	a
4	nectandrene D	1549	1.41	b
5	nectandrene E	1817	16.27	25.0

^a20 mg of the mixture of **3** and **4** at the ratio of 89:11; ^b10mg of the mixture of **4** and **3** at the ratio of 90:10; RI: retention index.