

Supplementary Information

Modified Eremophilanes and Anti-Inflammatory Activity of *Psacalium cirsiifolium*

Amira Arciniegas,^a Ana L. Pérez-Castorena,^{*a} Antonio Nieto-Camacho,^a
José Luis Villaseñor^b and Alfonso Romo de Vivar^a

^aInstituto de Química and ^bInstituto de Biología, Universidad Nacional Autónoma de México,
Circuito Exterior, Ciudad Universitaria, 04510 Coyoacán, D. F., México

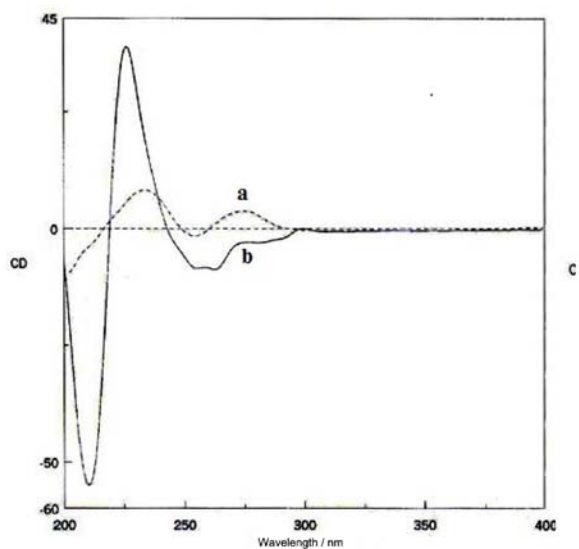


Figure S1. Comparative CD (MeOH) of *epi*-cacalone (**6**) (a) and compound **1** (b).

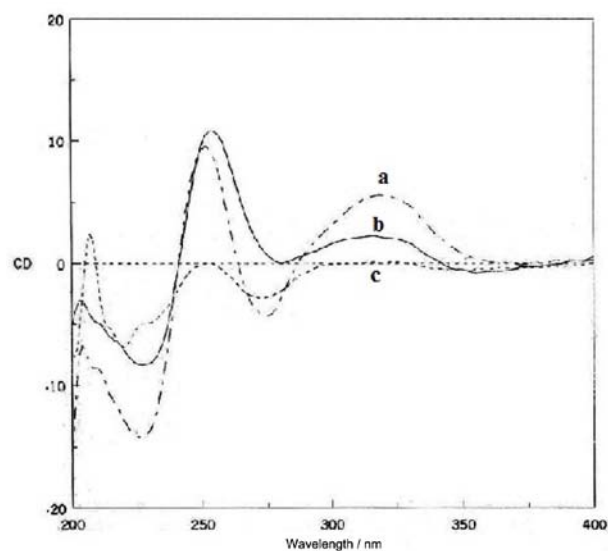


Figure S2. Comparative CD (MeOH) of cacalone (**5**) and compounds **2** and **3**.

*e-mail: alpercz@unam.mx

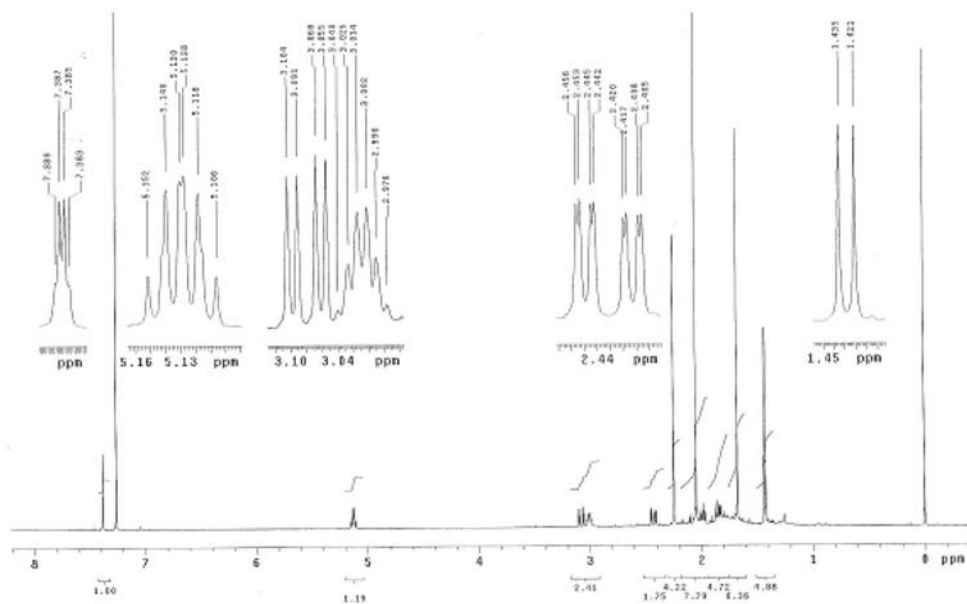


Figure S3. ¹H NMR (500 MHz, CDCl₃) of compound 1.

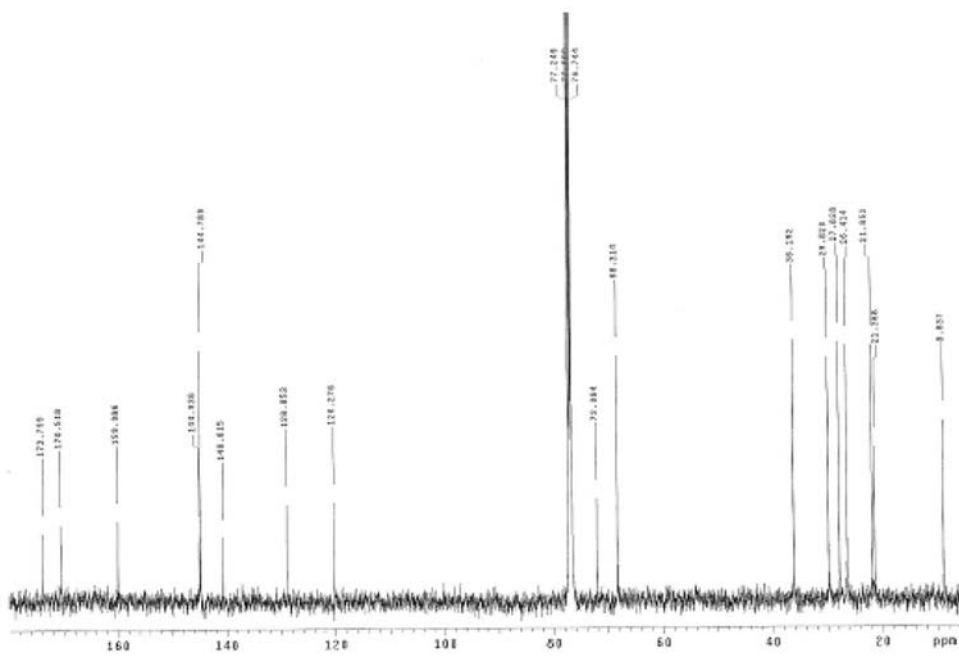


Figure S4. ¹³C NMR (125 MHz, CDCl₃) of compound 1.

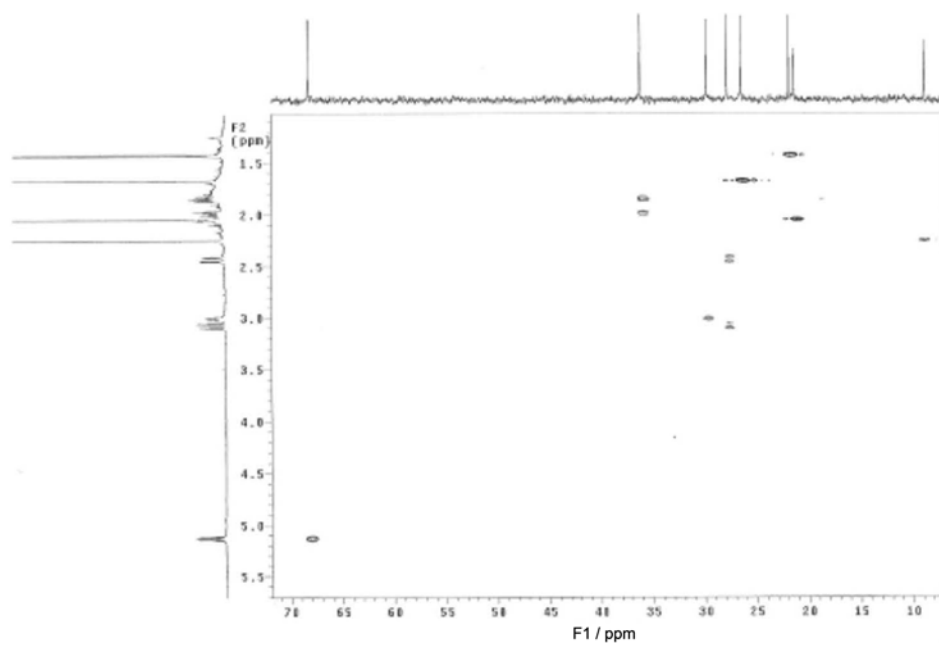


Figure S5. HSQC (500 MHz, CDCl₃) of compound 1.

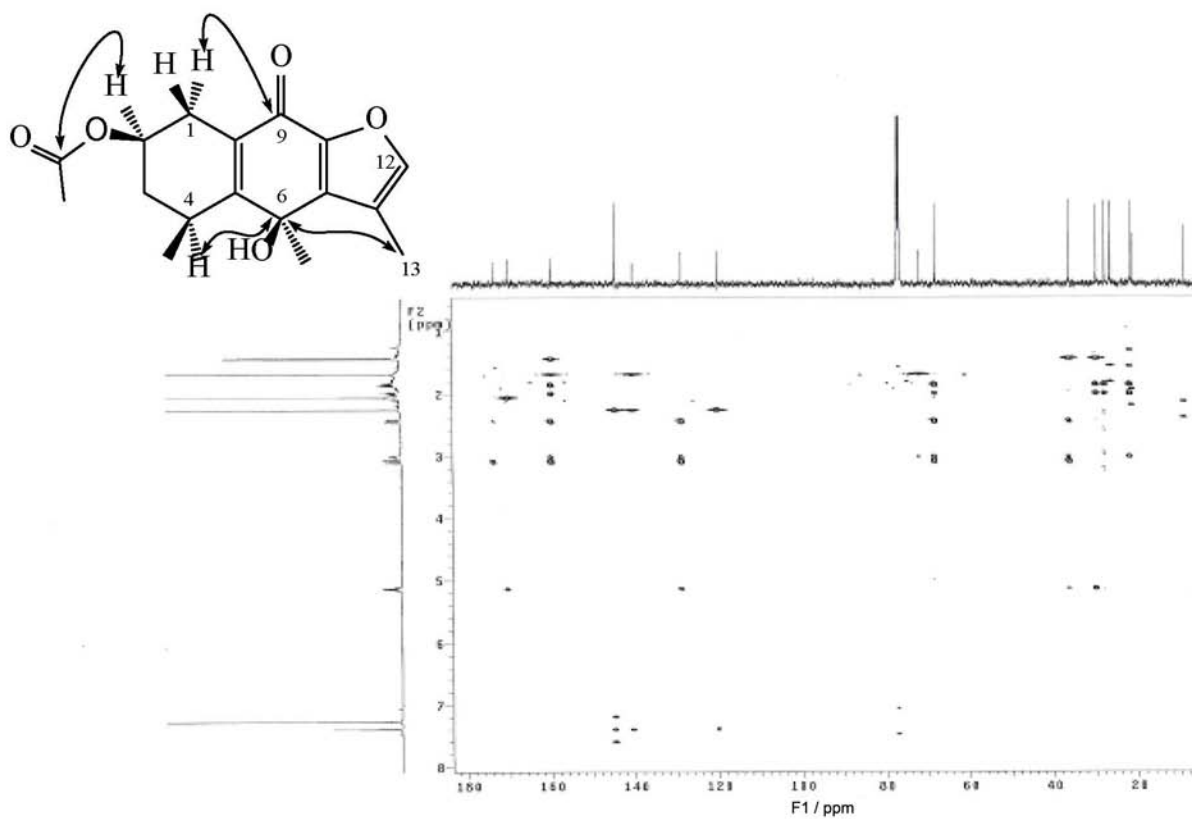


Figure S6. HMBC (500 MHz, CDCl₃) of compound 1.

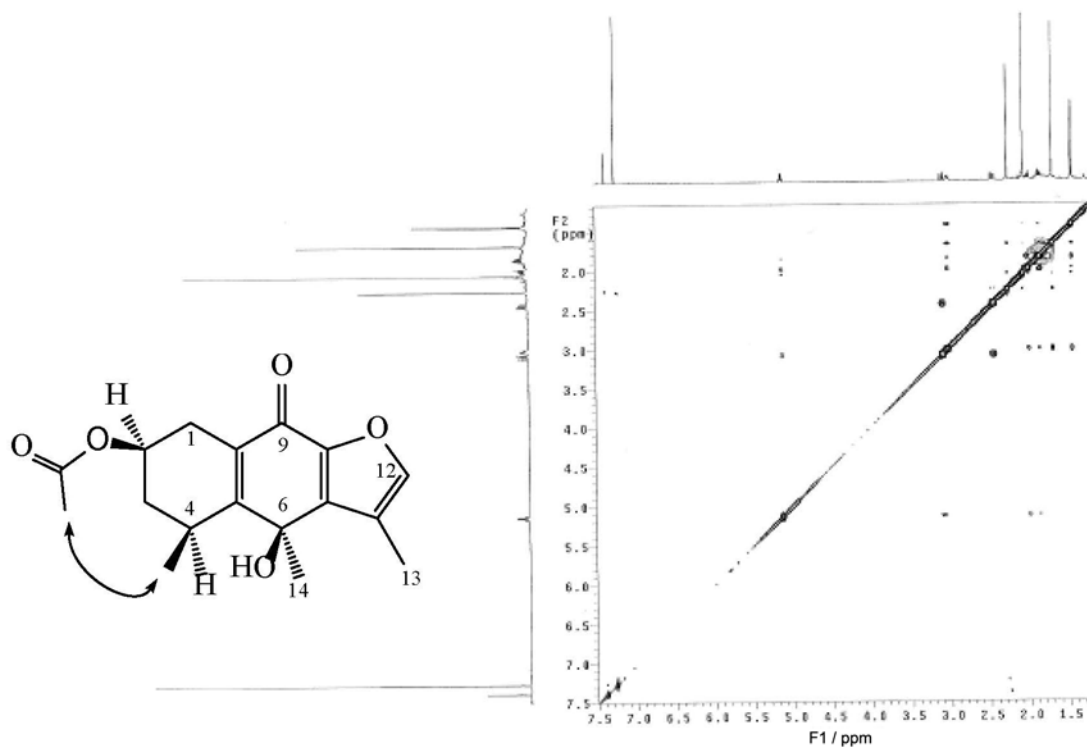


Figure S7. NOESY (500 MHz, CDCl₃) of compound 1.

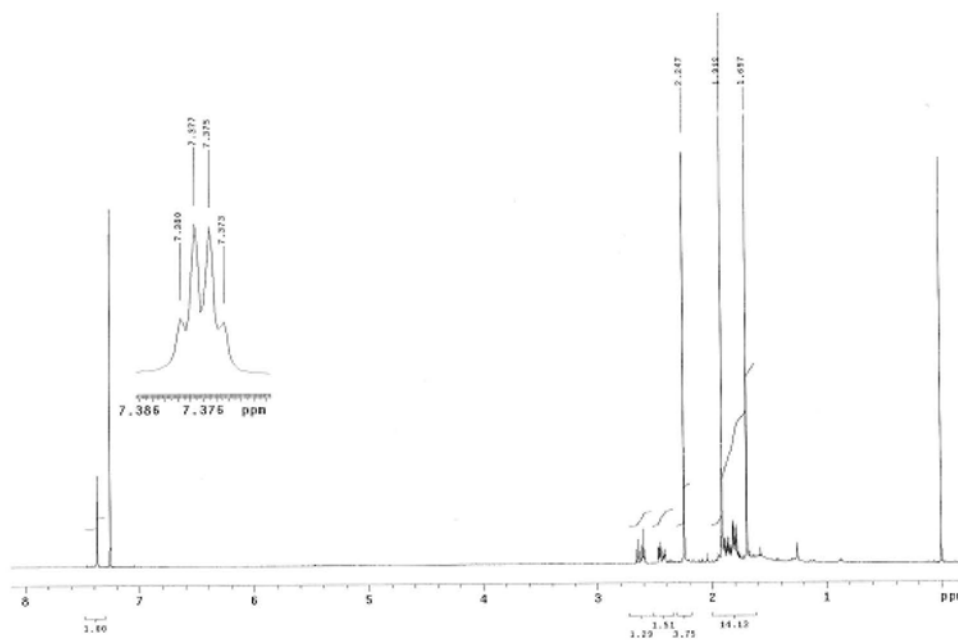


Figure S8. ¹H NMR (500 MHz, CDCl₃) of compound 2.

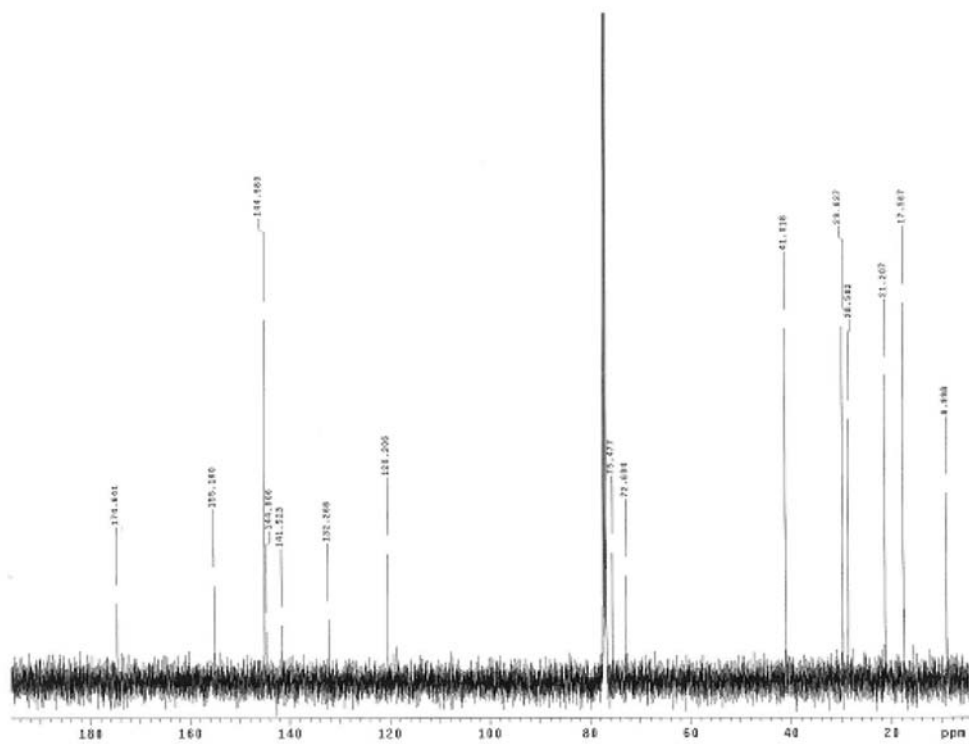


Figure S9. ¹³C NMR (125 MHz, CDCl₃) of compound 2.

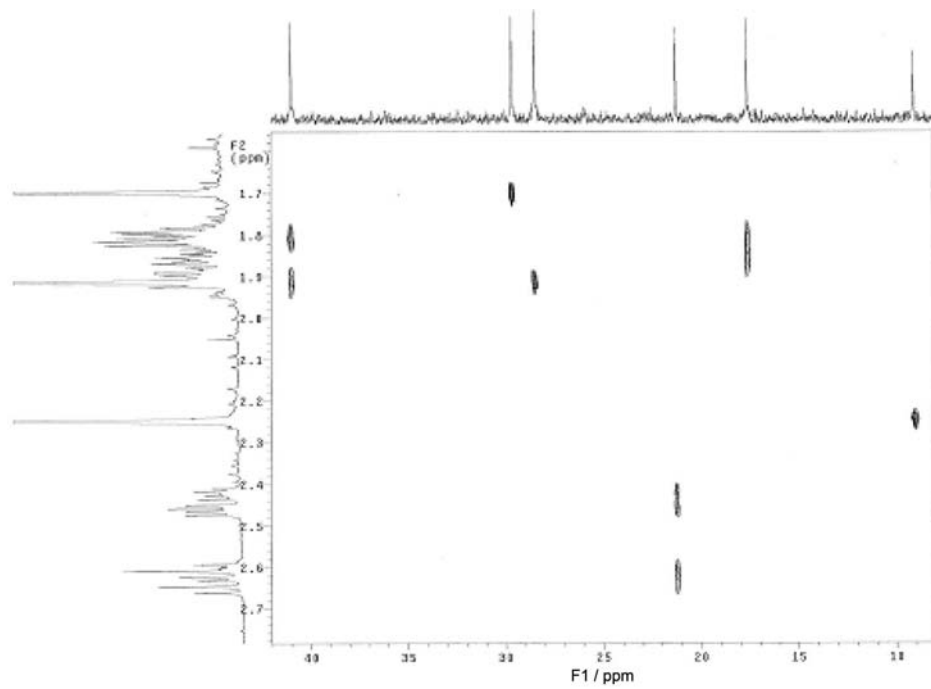


Figure S10. HSQC (500 MHz, CDCl₃) of compound 2.

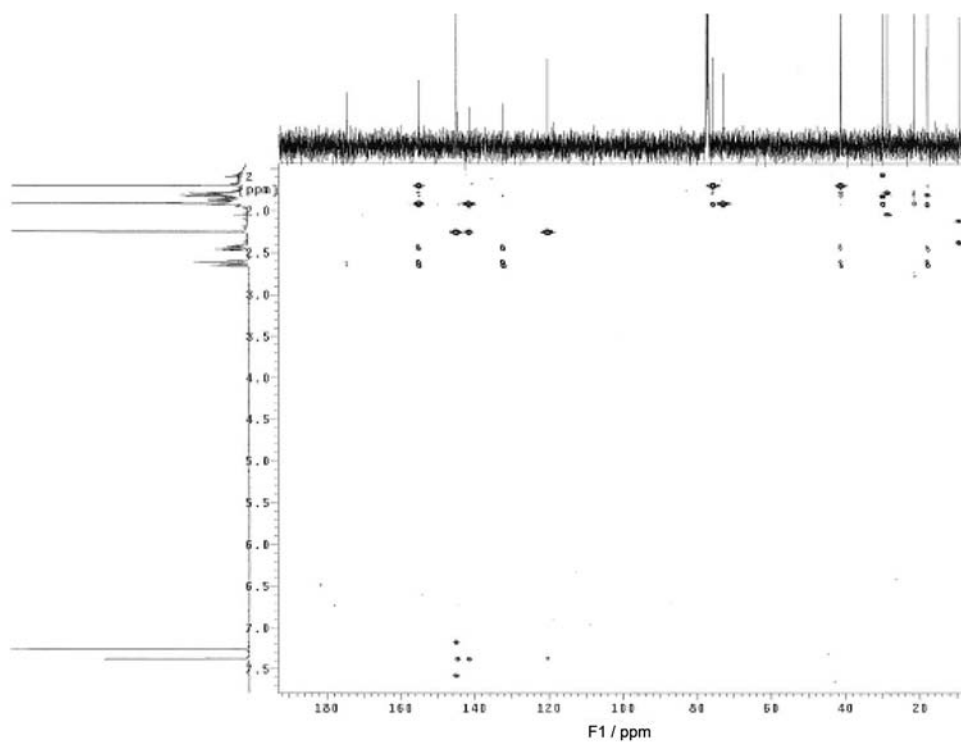


Figure S11. HMBC (500 MHz, CDCl₃) of compound 2.

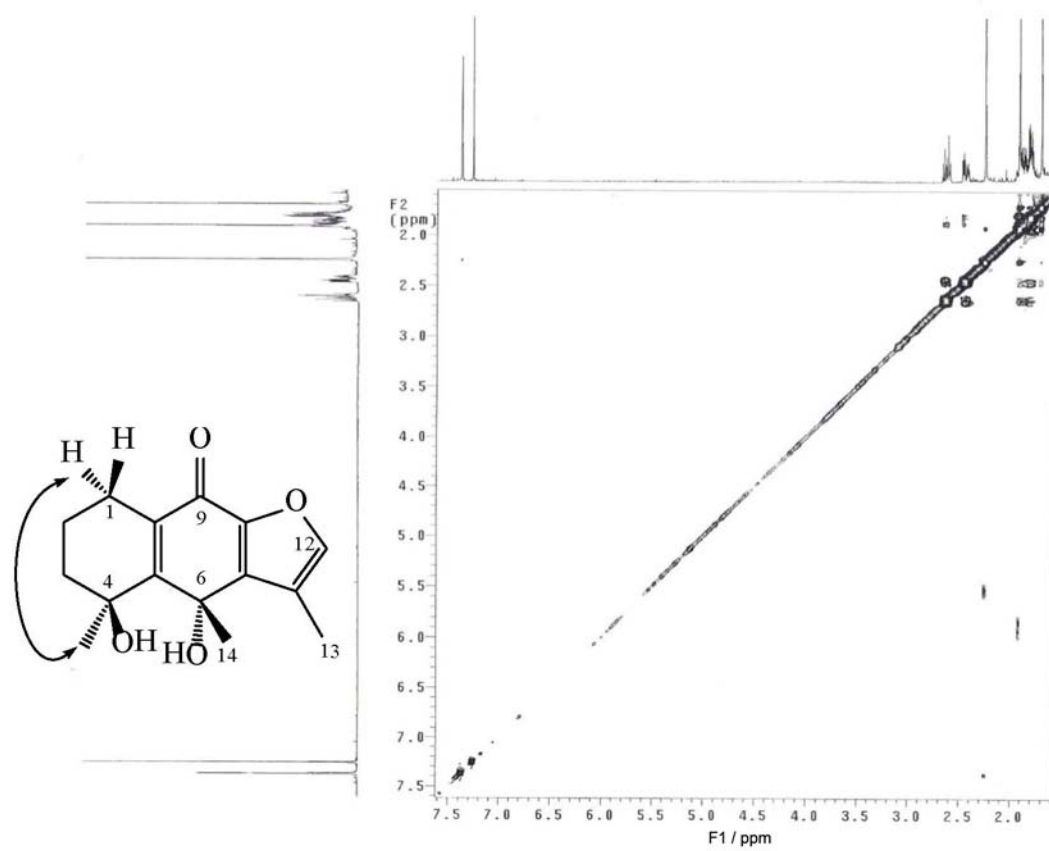


Figure S12. NOESY (500 MHz, CDCl₃) of compound 2.

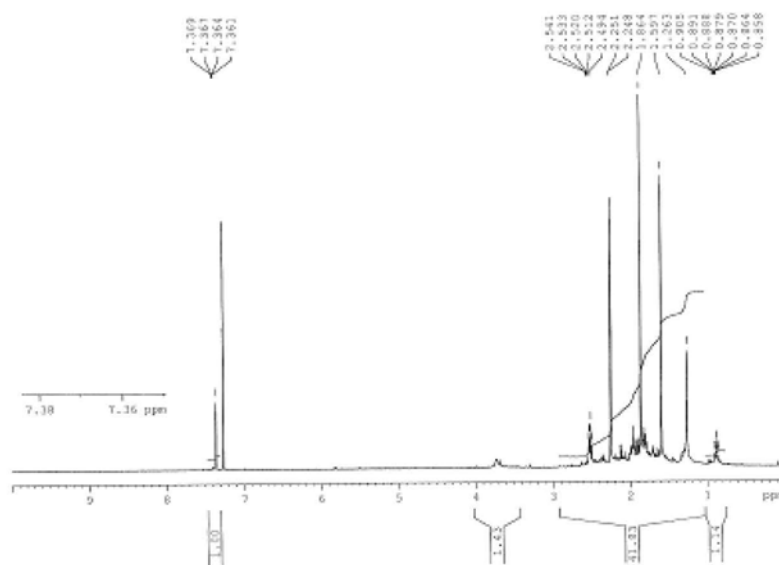


Figure S13. ^1H NMR (500 MHz, CDCl_3) of compound **3**.

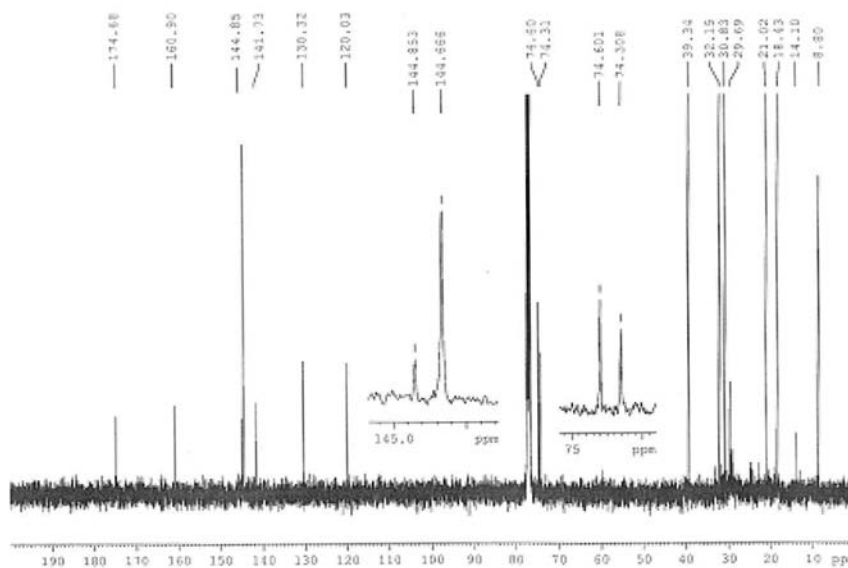


Figure S14. ^{13}C NMR (125 MHz, CDCl_3) of compound **3**.

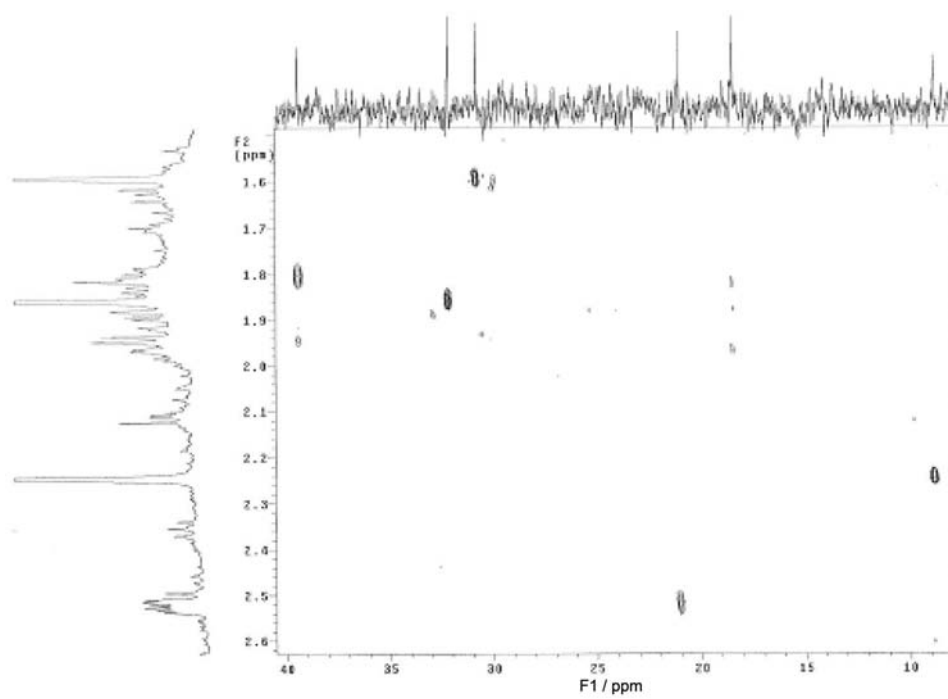


Figure S15. HSQC (500 MHz, CDCl₃) of compound 3.

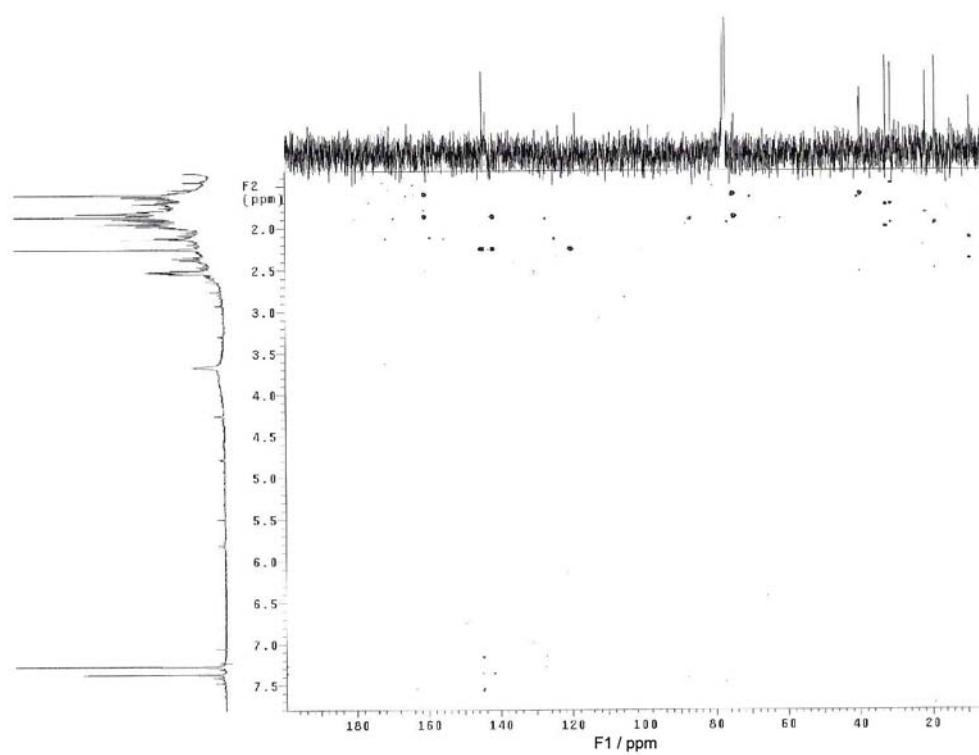


Figure S16. HMBC (500 MHz, CDCl₃) of compound 3.

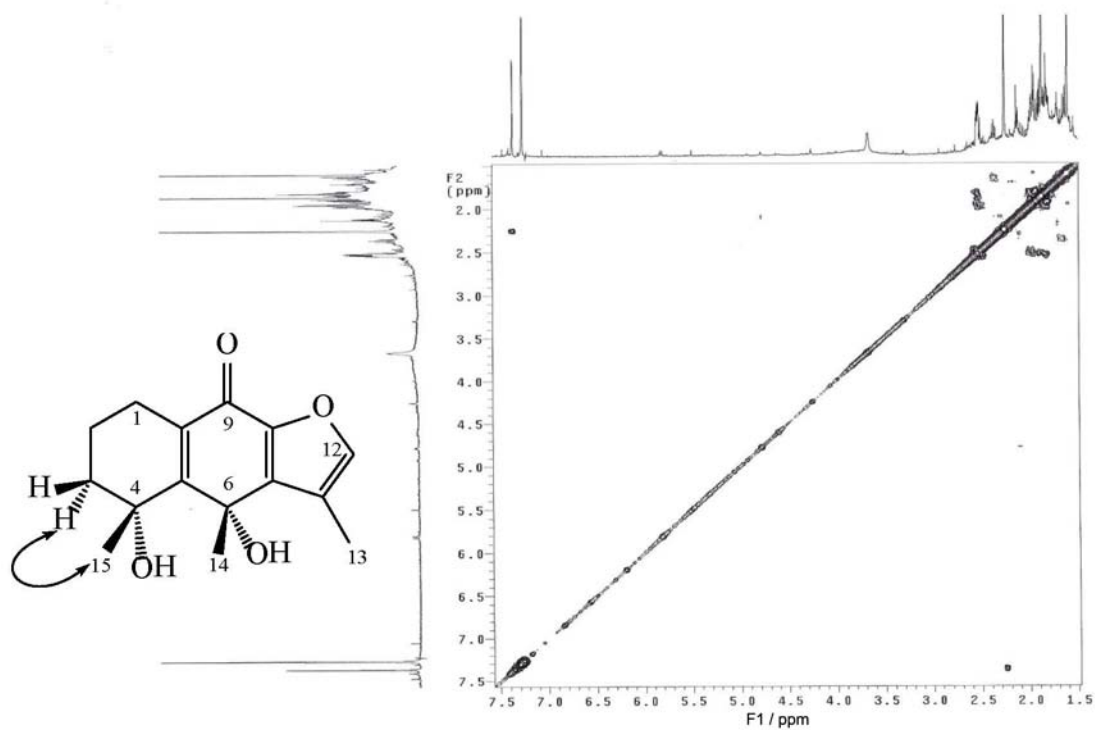


Figure S17. COSY (500 MHz, CDCl₃) of compound 3.

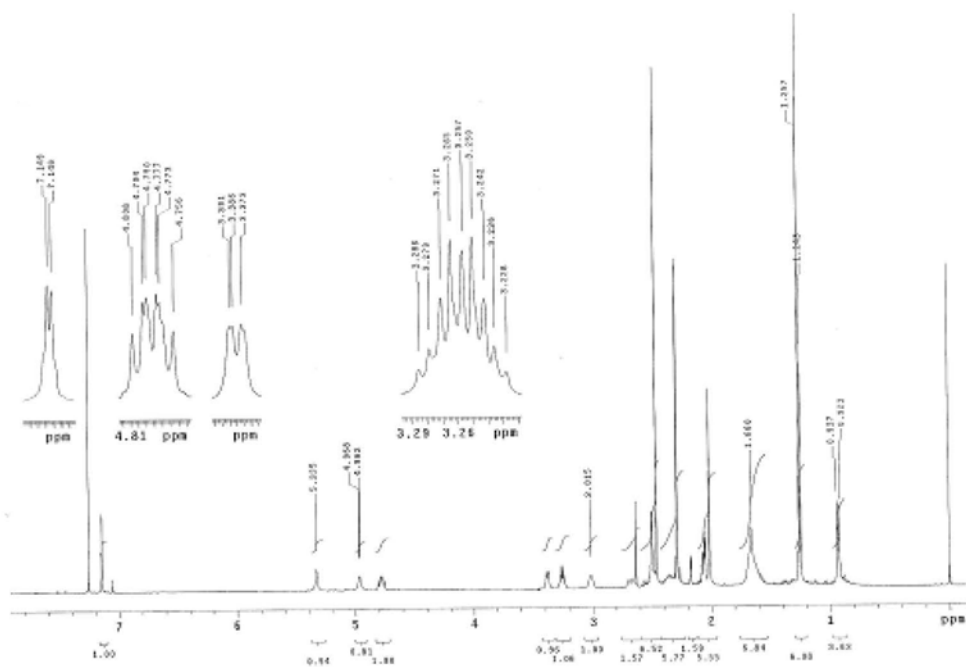


Figure S18. ¹H NMR (500 MHz, CDCl₃) of compound 4.

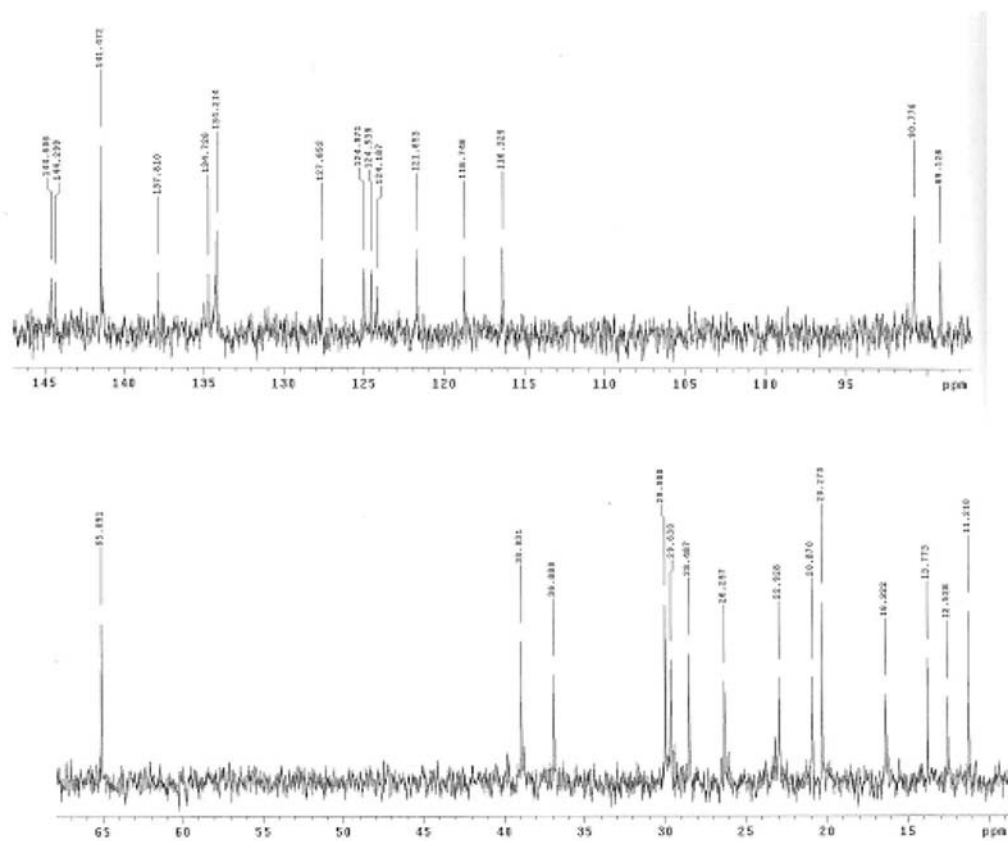


Figure S19. ^{13}C NMR (125 MHz, CDCl_3) of compound 4.

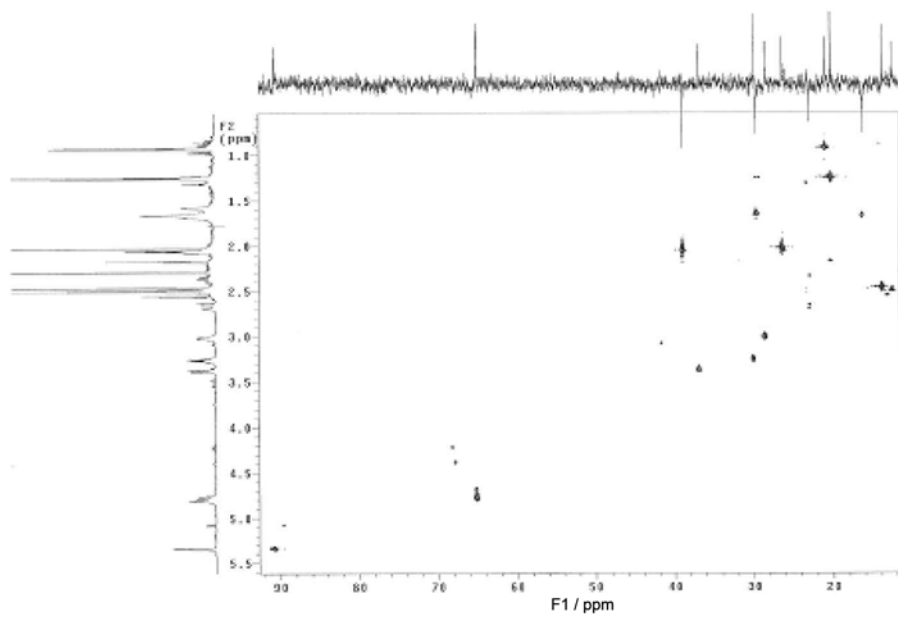


Figure S20. HSQC (500 MHz, CDCl_3) of compound 4.

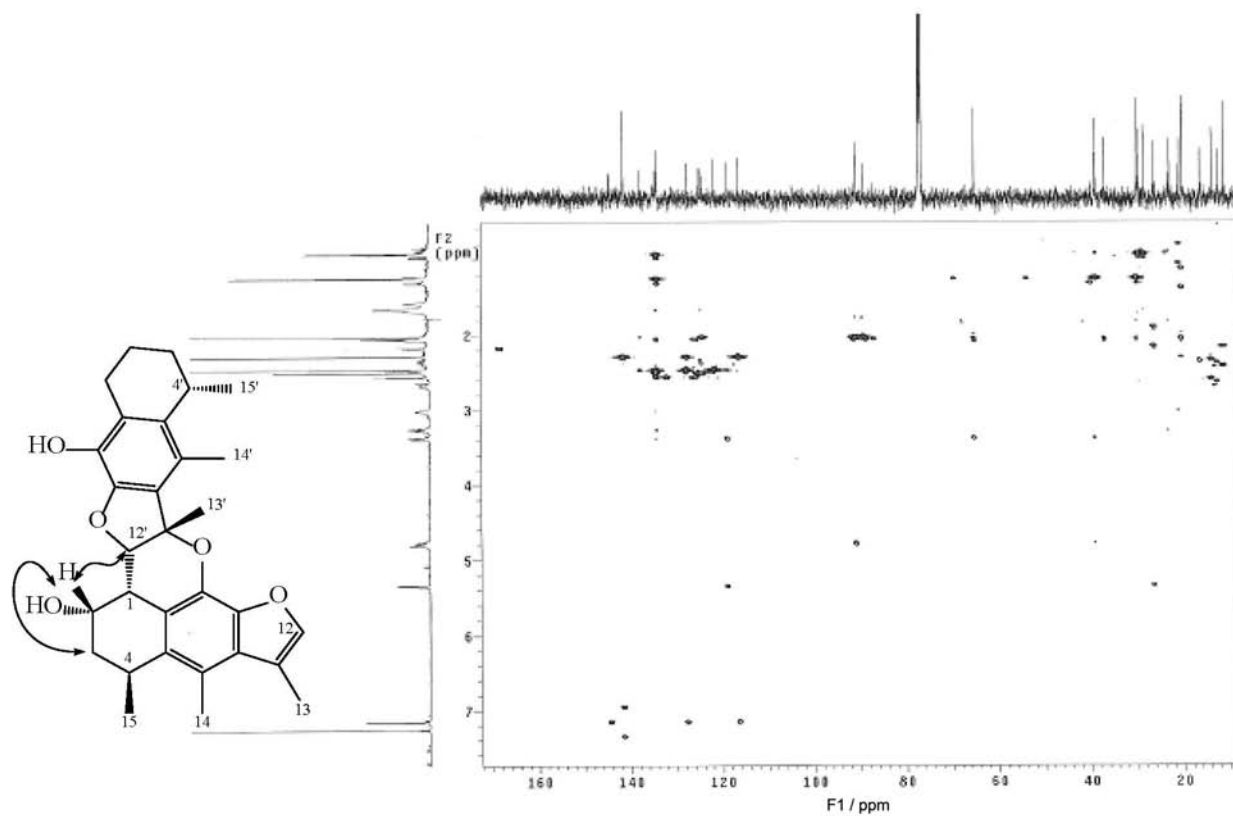


Figure S21. HMBC (500 MHz, CDCl₃) of compound 4.

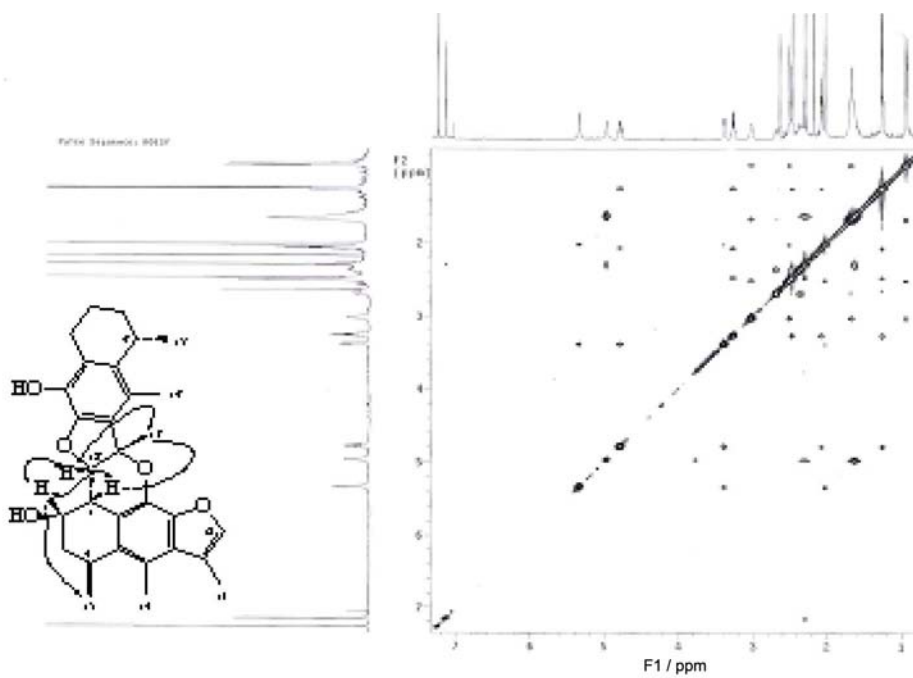


Figure S22. NOESY (500 MHz, CDCl₃) of compound 4.

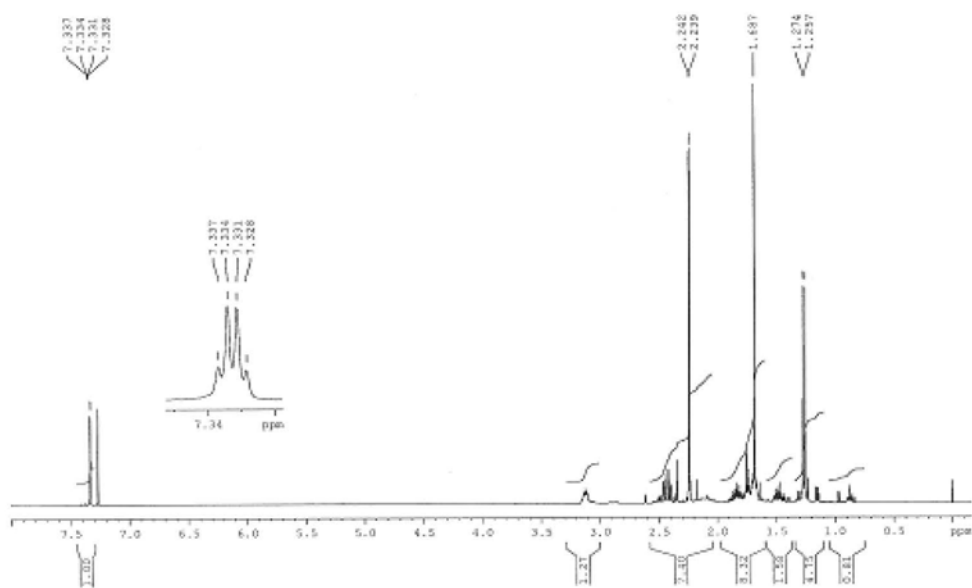


Figure S23. ¹H NMR (400 MHz, CDCl₃) of calalone (5).

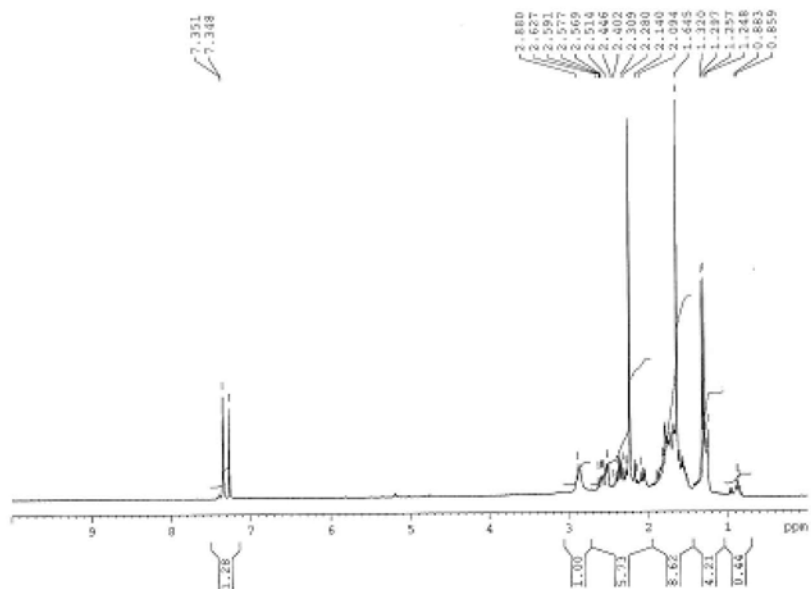


Figure S24. ¹H NMR (300 MHz, CDCl₃) of *epi*-calalone (6).

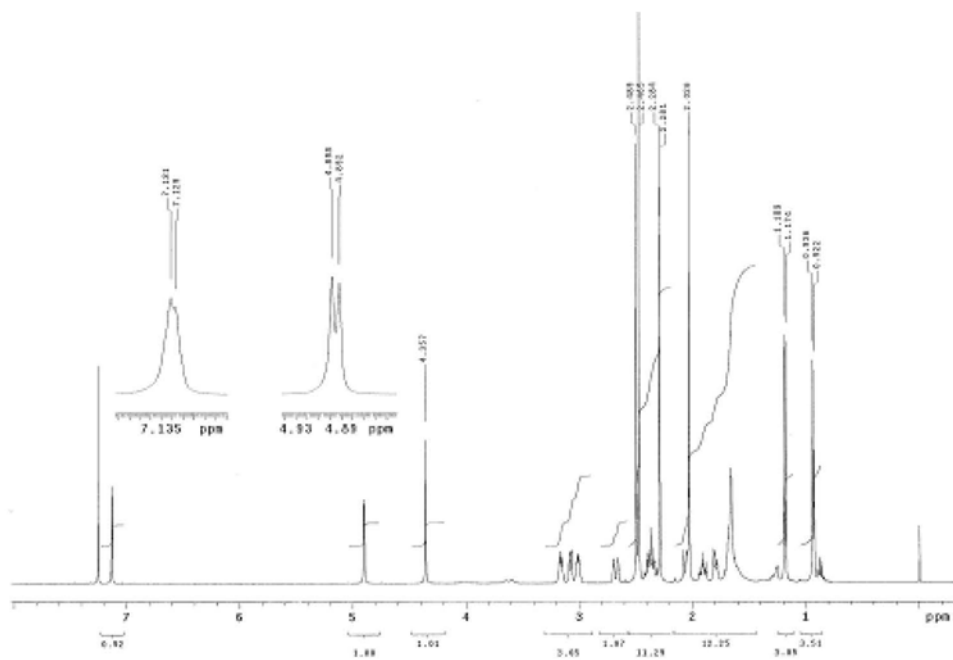


Figure S25. ¹H NMR (500 MHz, CDCl₃) of adenostin B (7).