

16,17-Seco- and 2,3:16,17-di-Seco-pregnanes from *Guarea guidonia*

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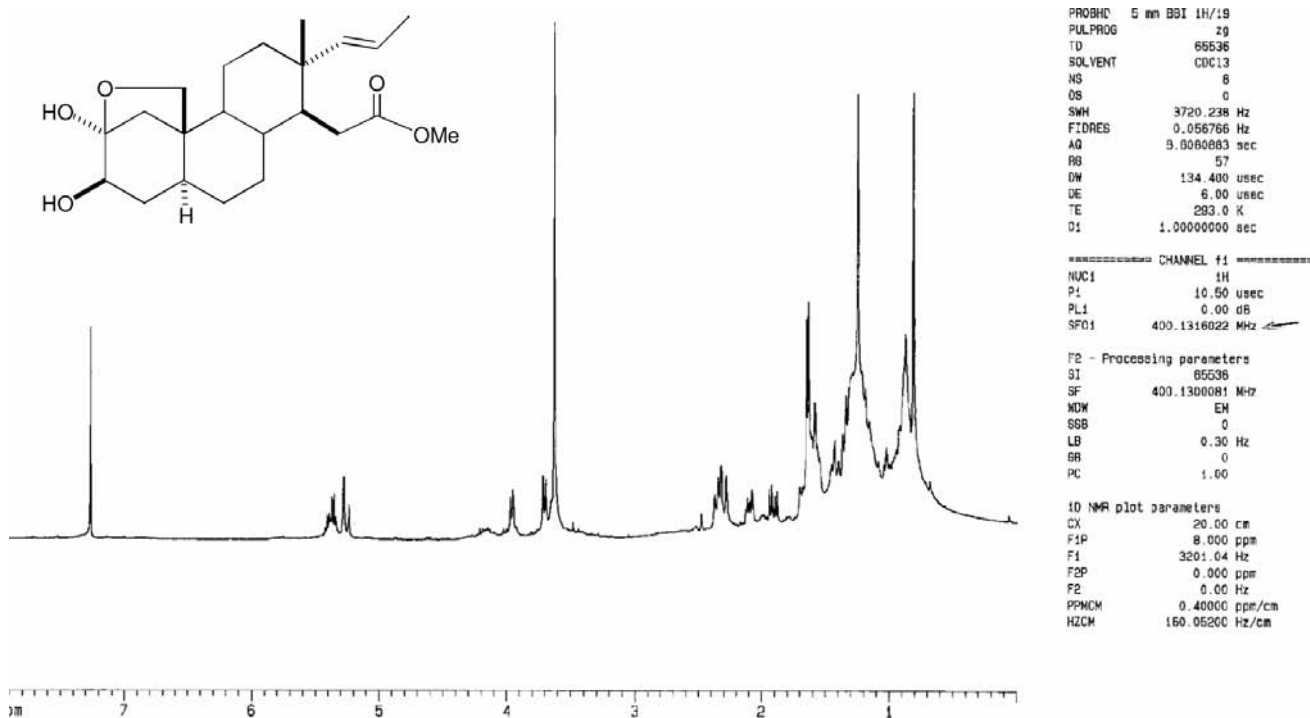
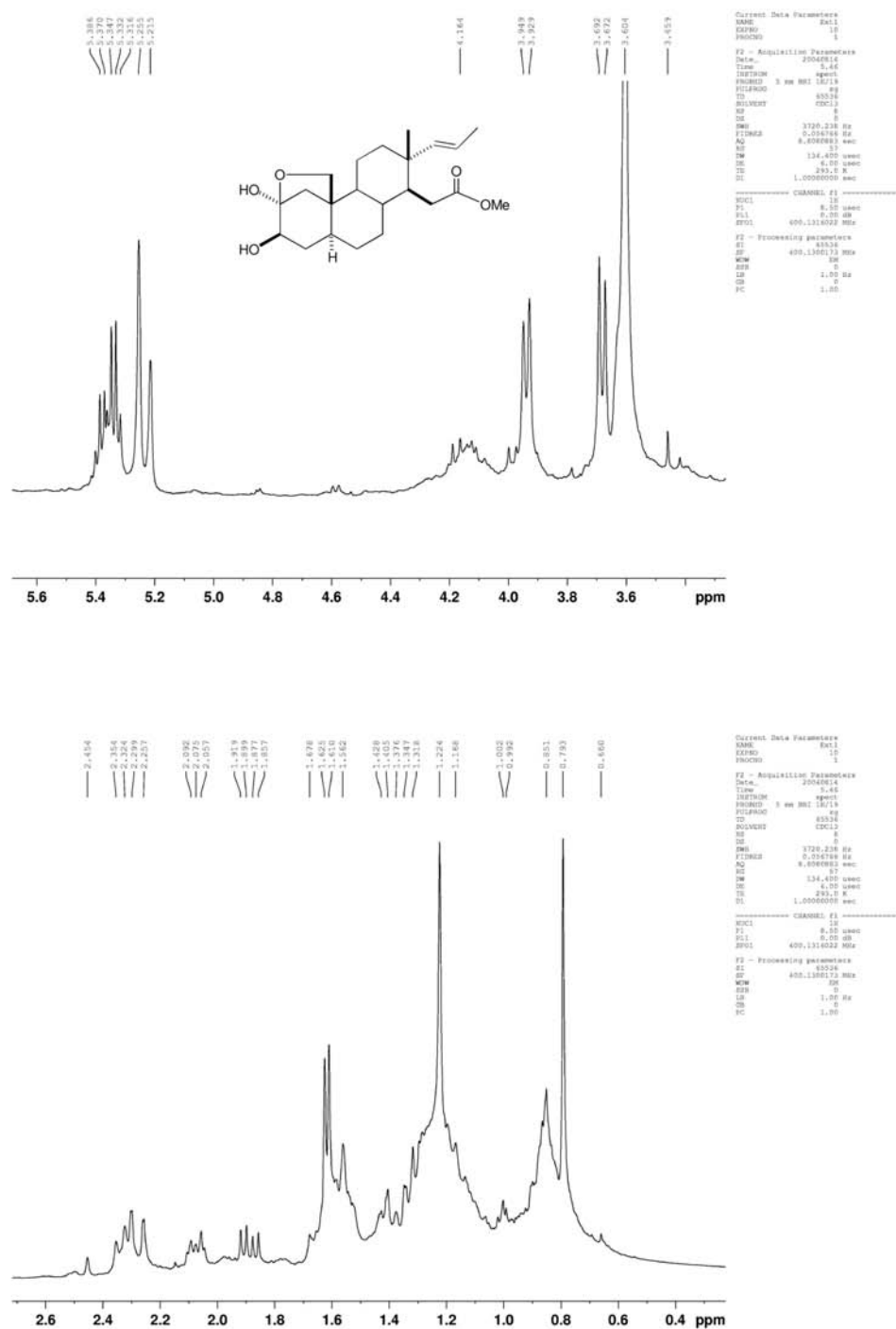
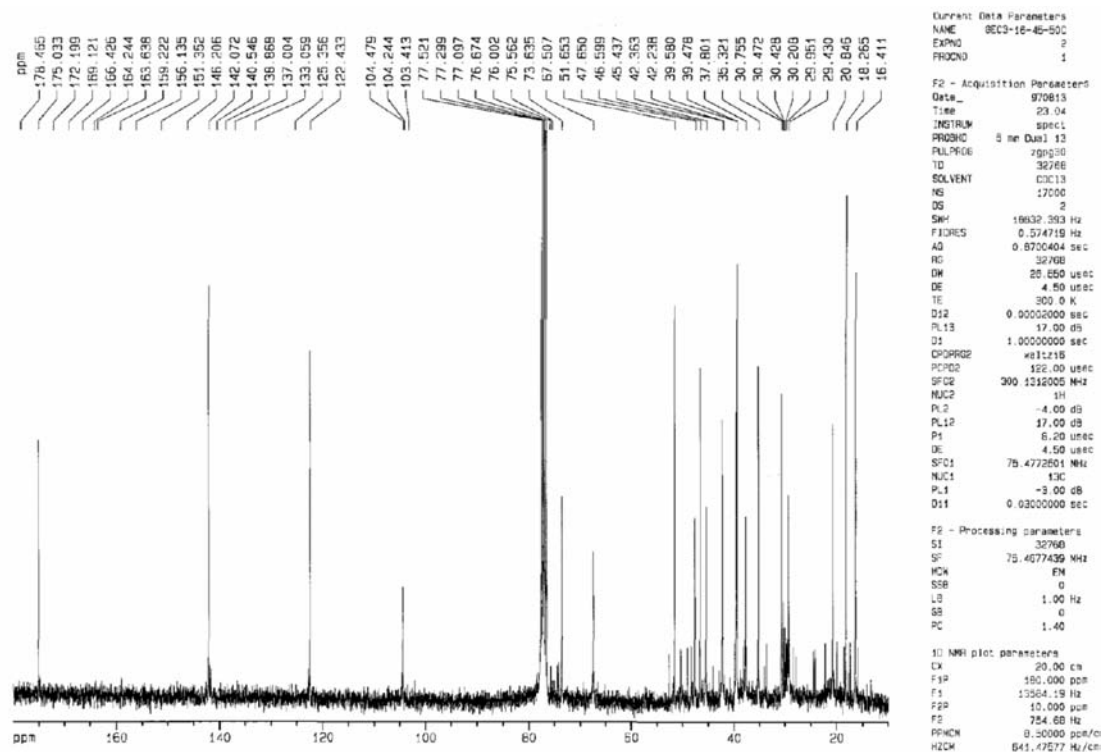
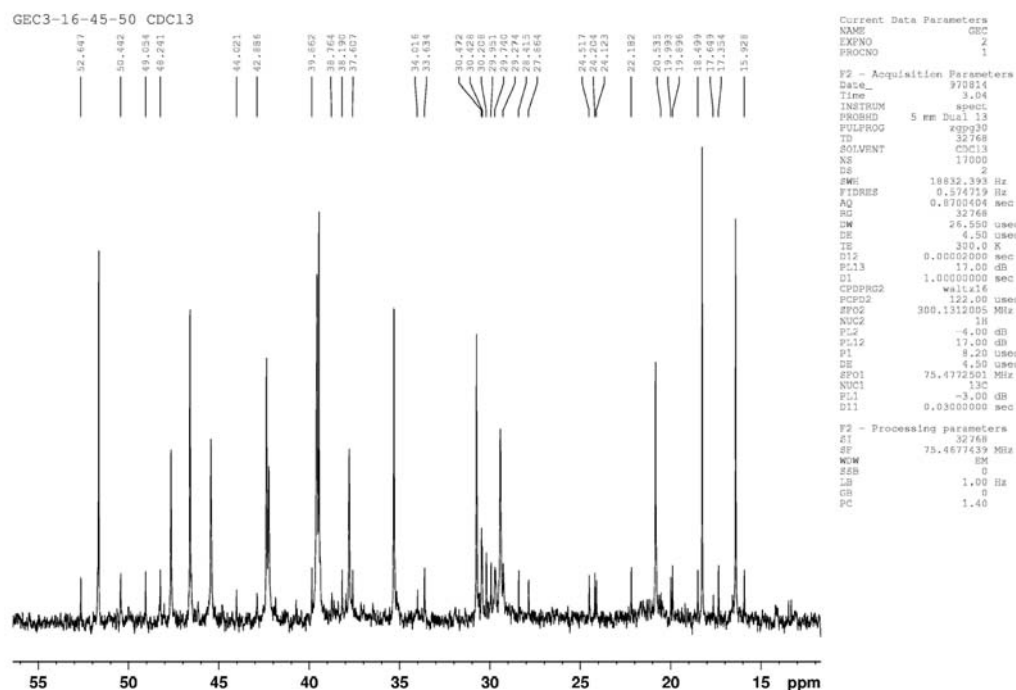
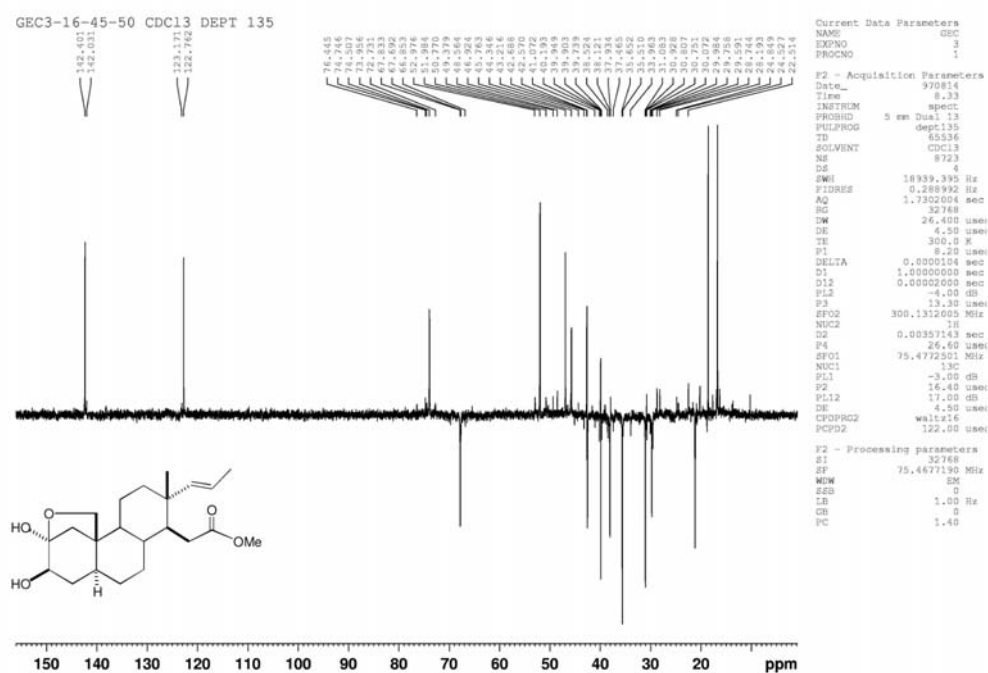
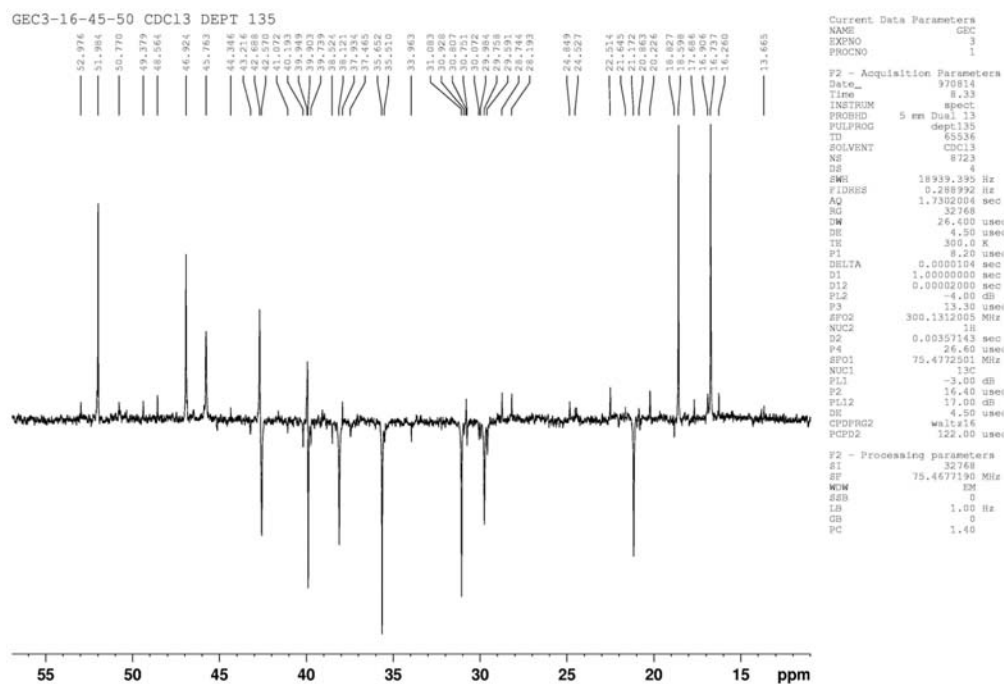


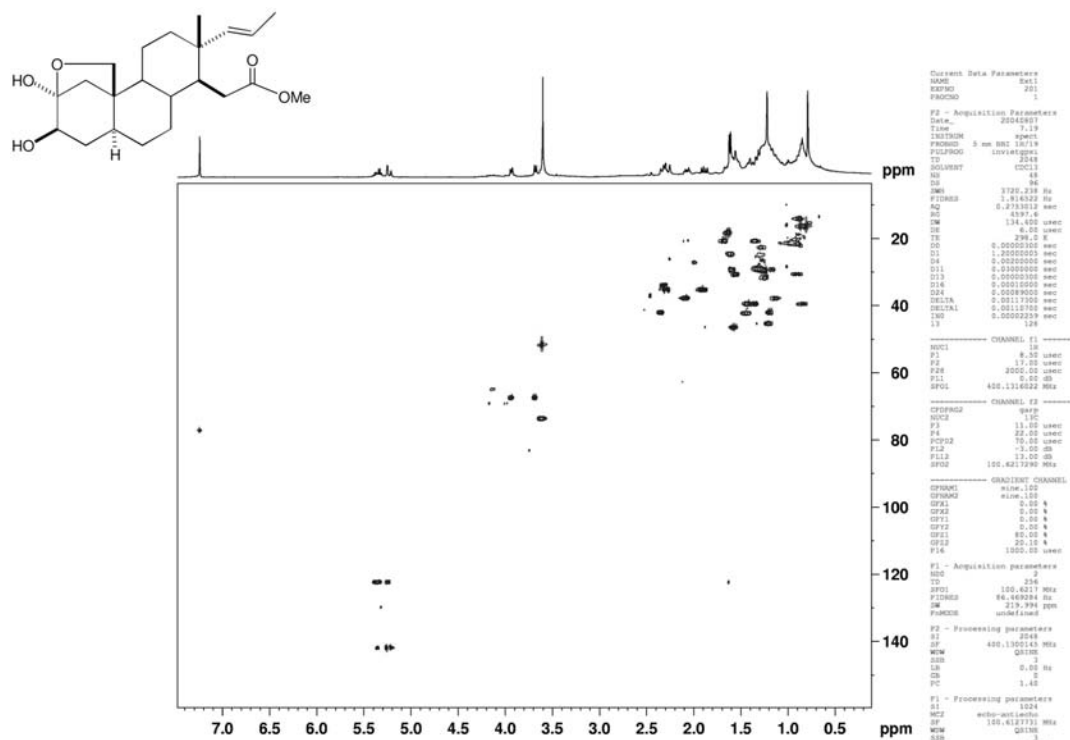
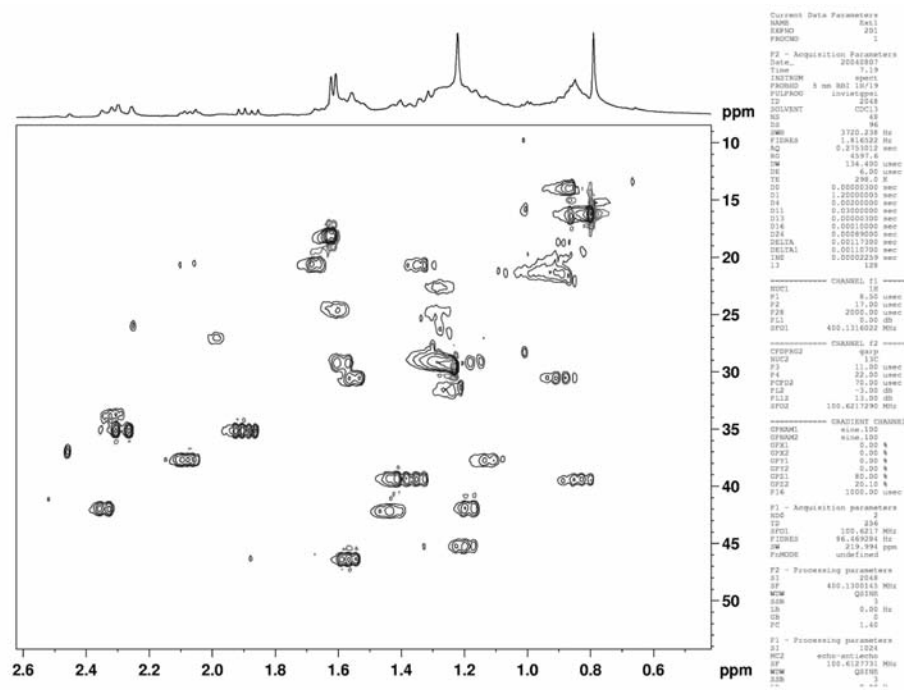
Figure S1. ¹H NMR spectrum (300 MHz, CDCl₃) of compound 1.

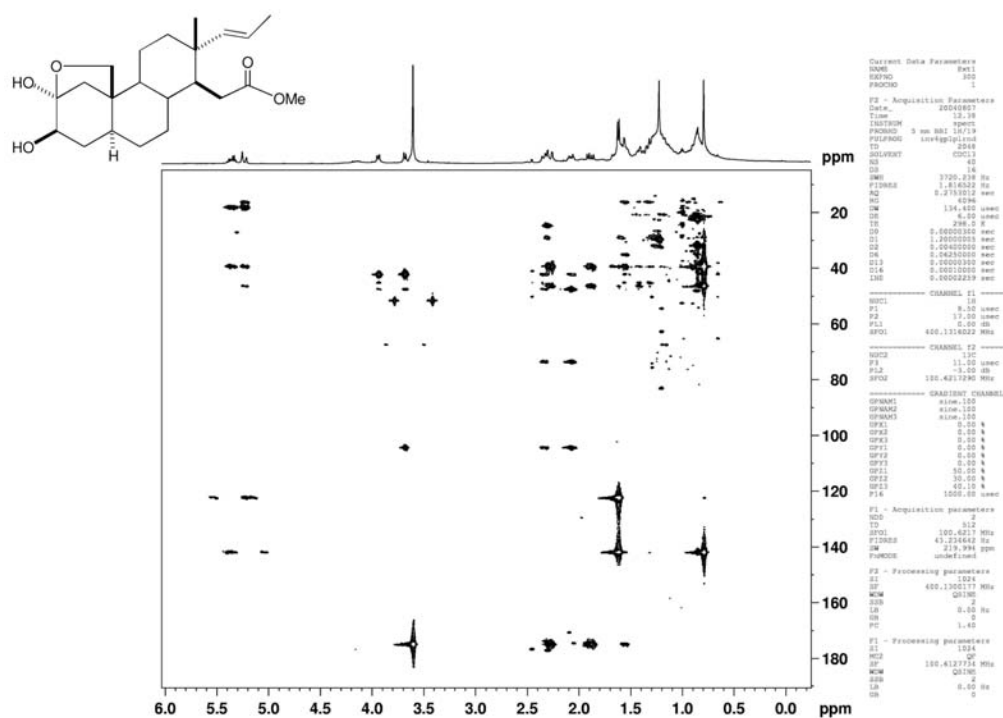
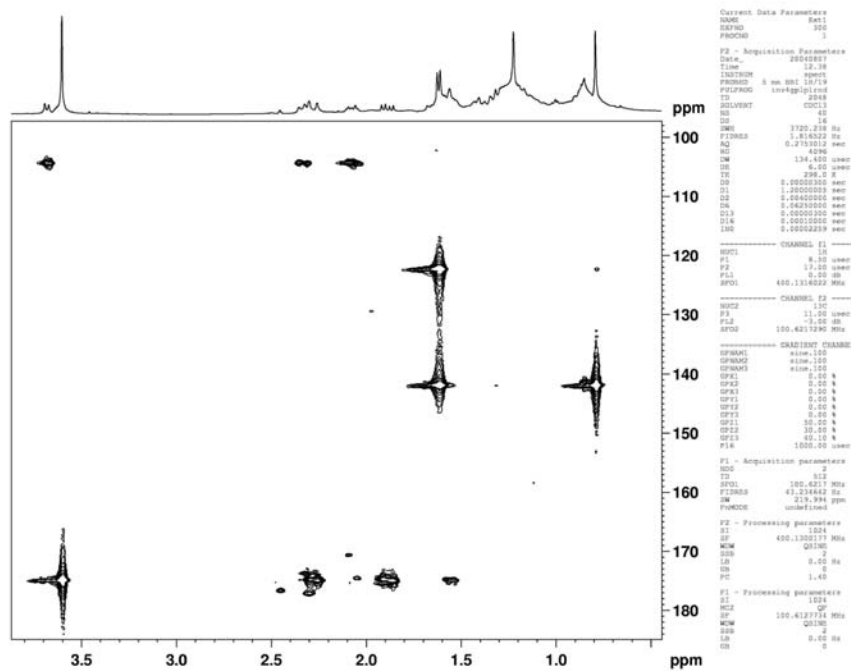
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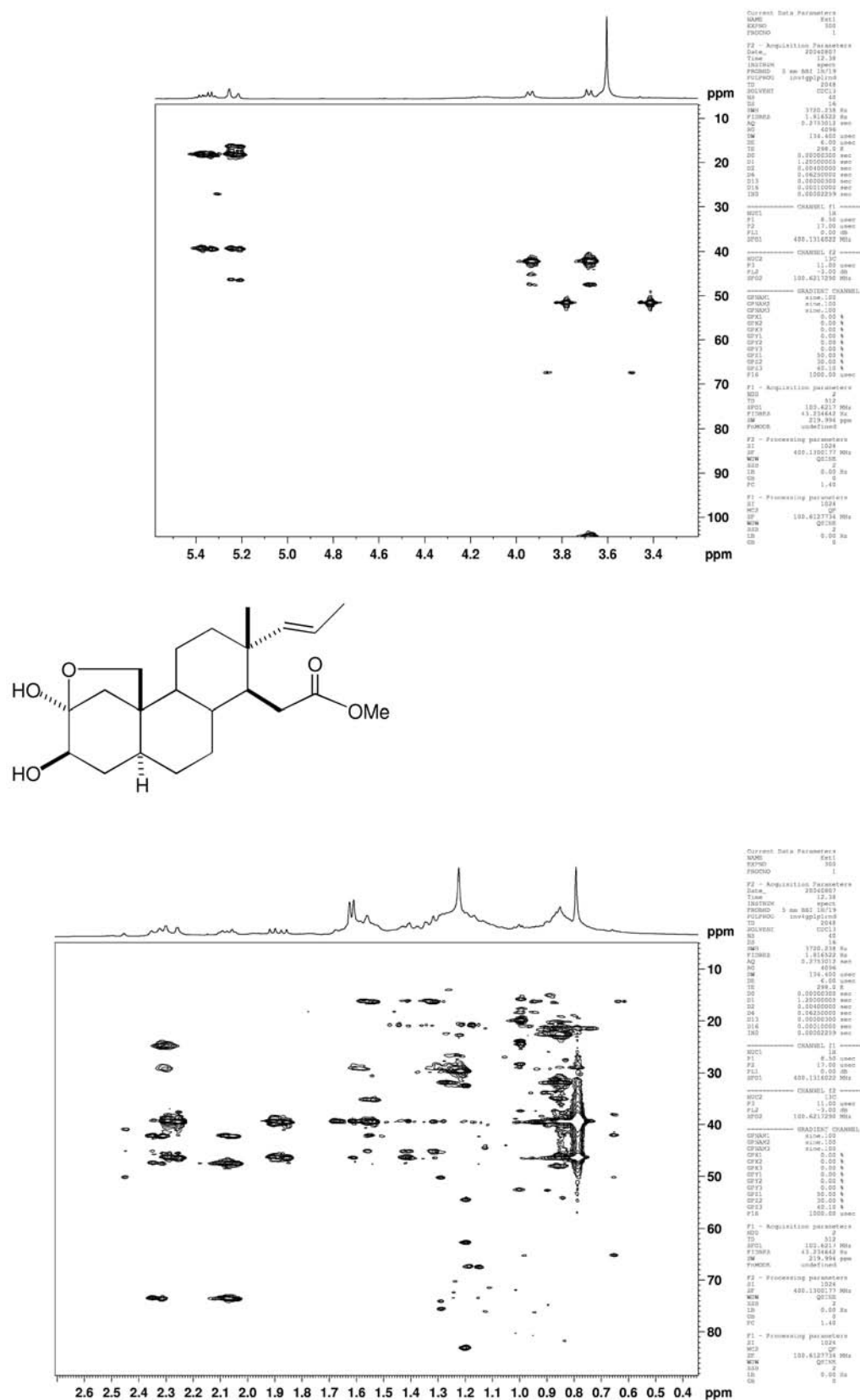


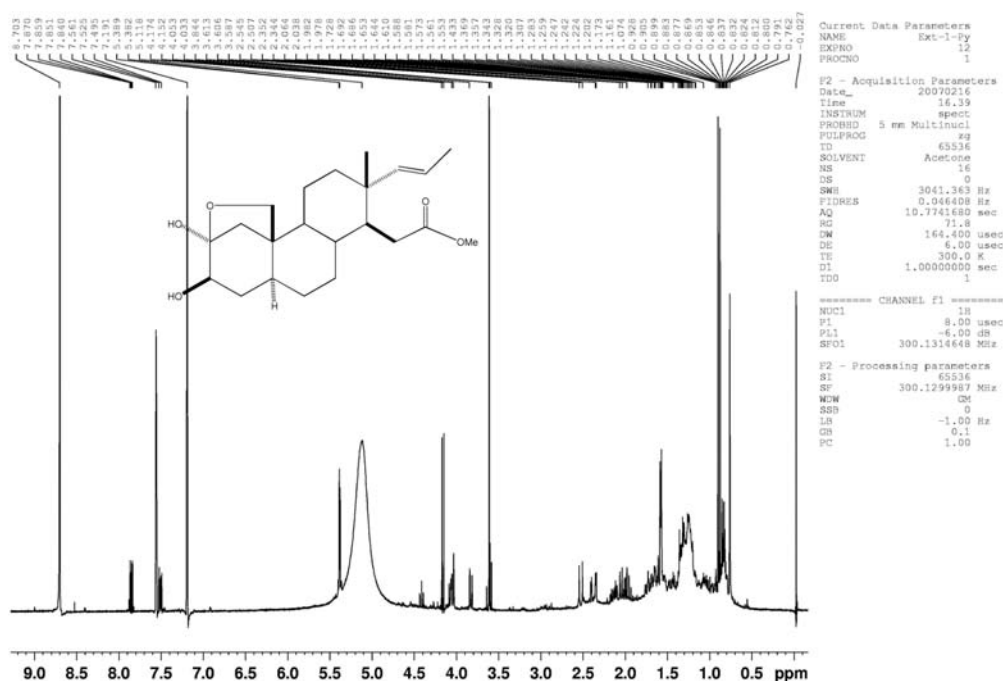
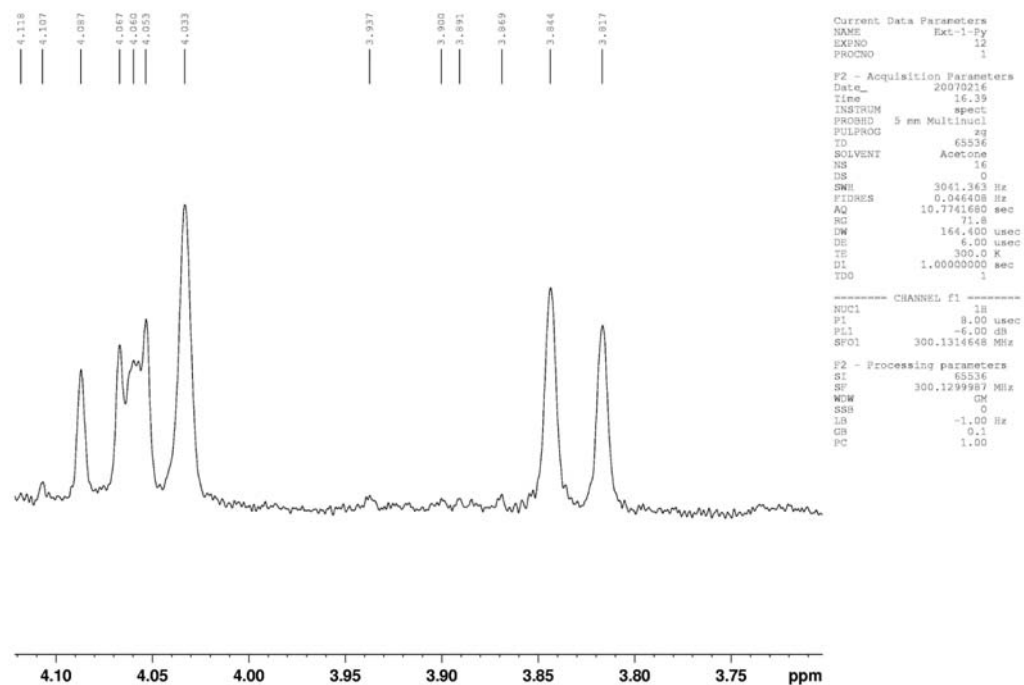
Figure S3. ^{13}C NMR spectrum (75 MHz, CDCl_3) of compound 1.Figure S4. ^{13}C NMR spectrum (75 MHz, CDCl_3) of compound 1 (expansion).

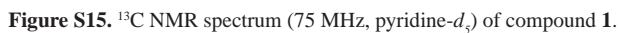
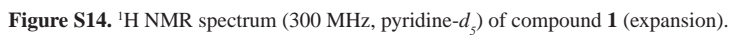
Figure S5. ^{13}C NMR spectrum-DEPT 135° (75 MHz, CDCl_3) of compound 1Figure S6. ^{13}C NMR spectrum-DEPT 135° (75 MHz, CDCl_3) of compound 1 (expansion)

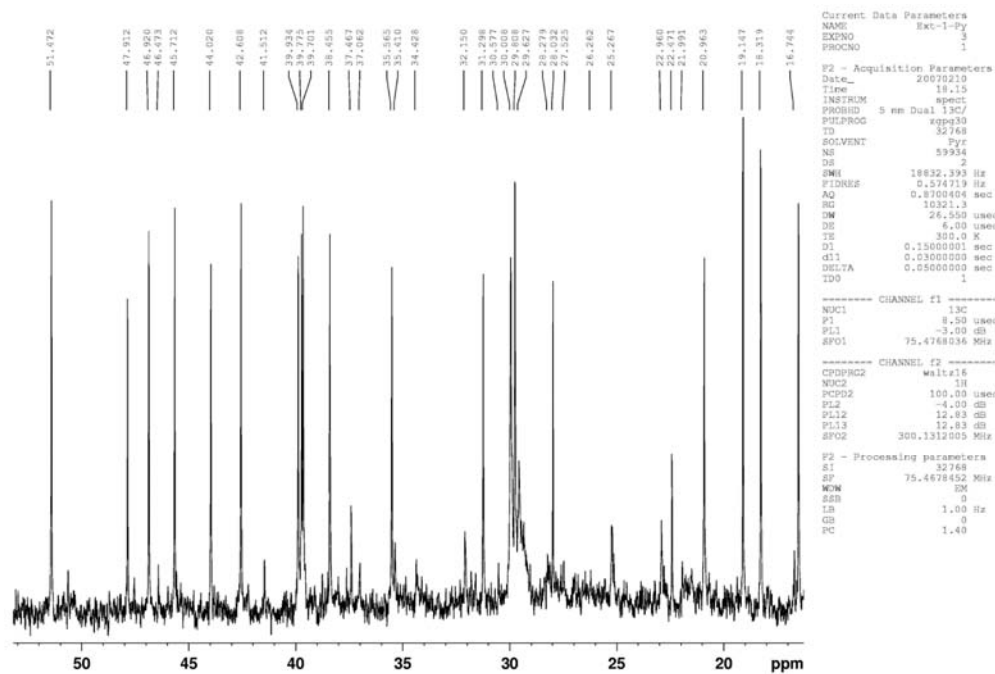
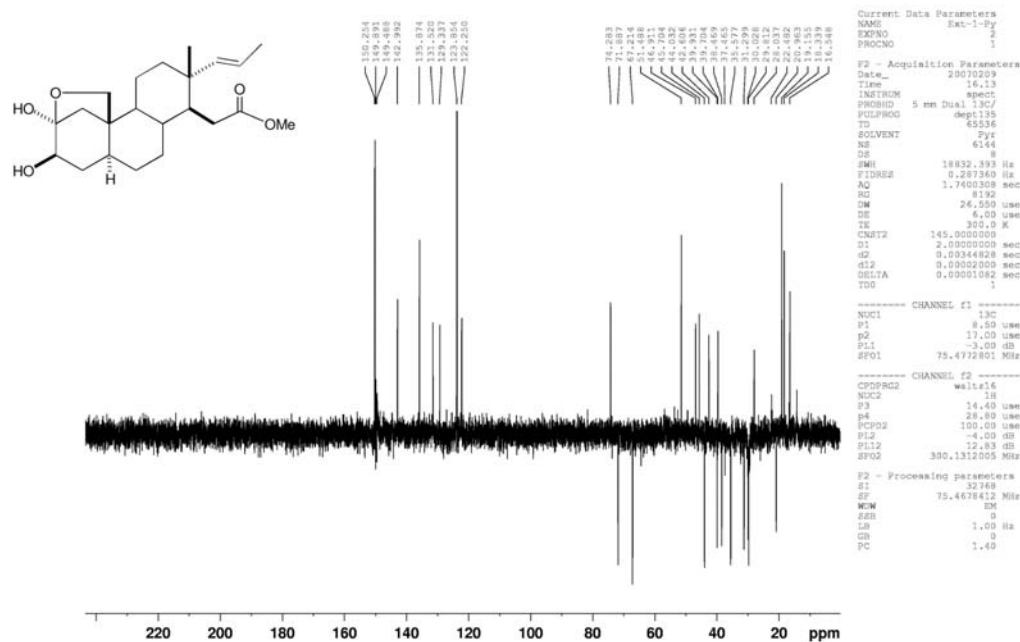
Figure S7. HMQC spectrum (CDCl₃) of compound 1Figure S8. HMQC spectrum (CDCl₃) of compound 1 (expansion)

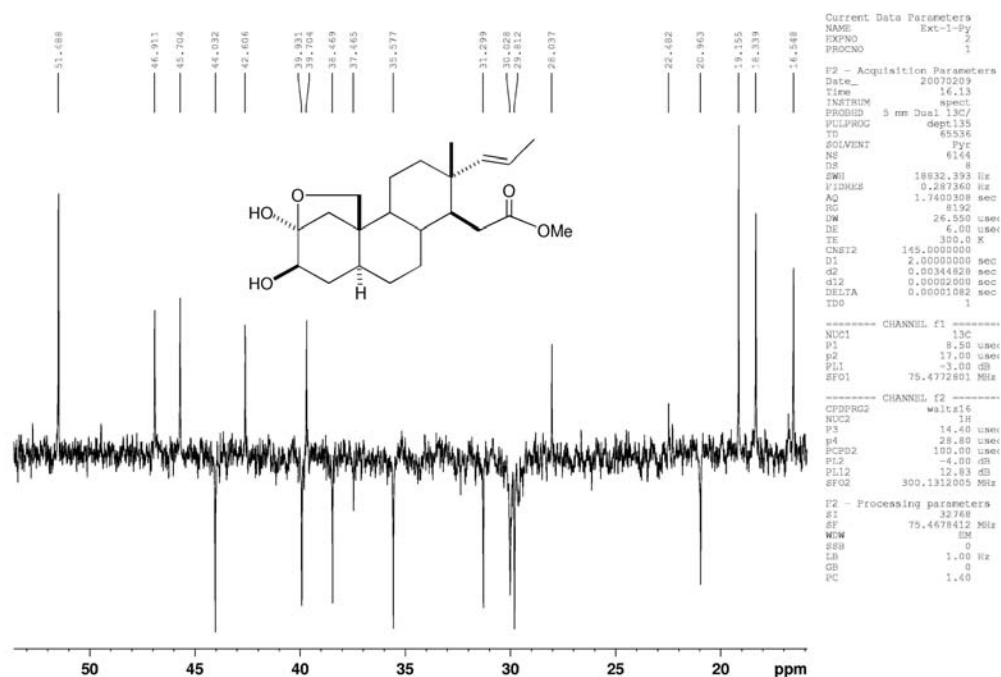
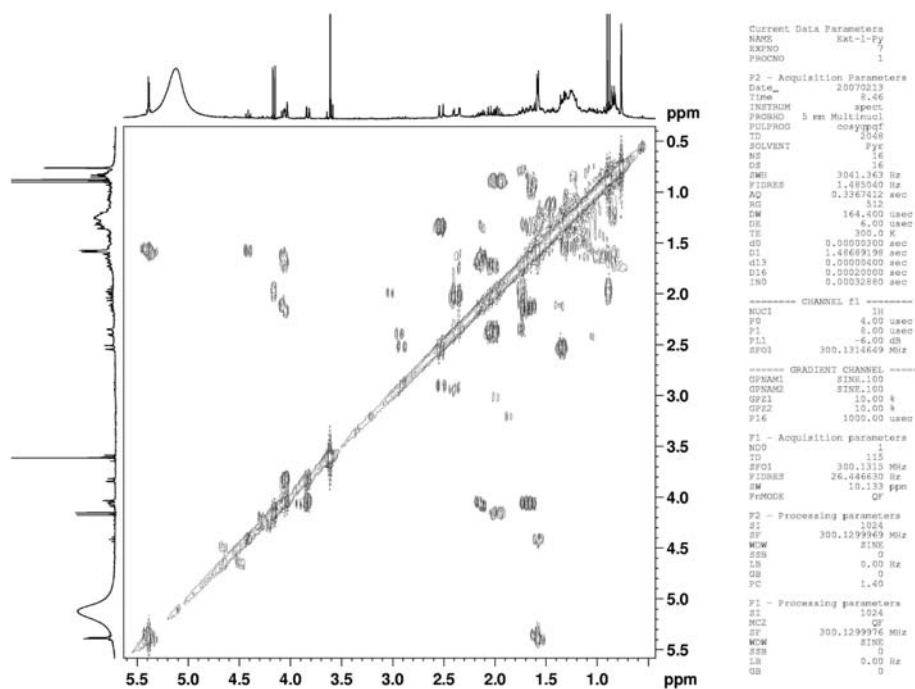
Figure S9. HMBC spectrum (CDCl₃) of compound 1Figure S10. HMBC spectrum (CDCl₃) of compound 1 (expansion)

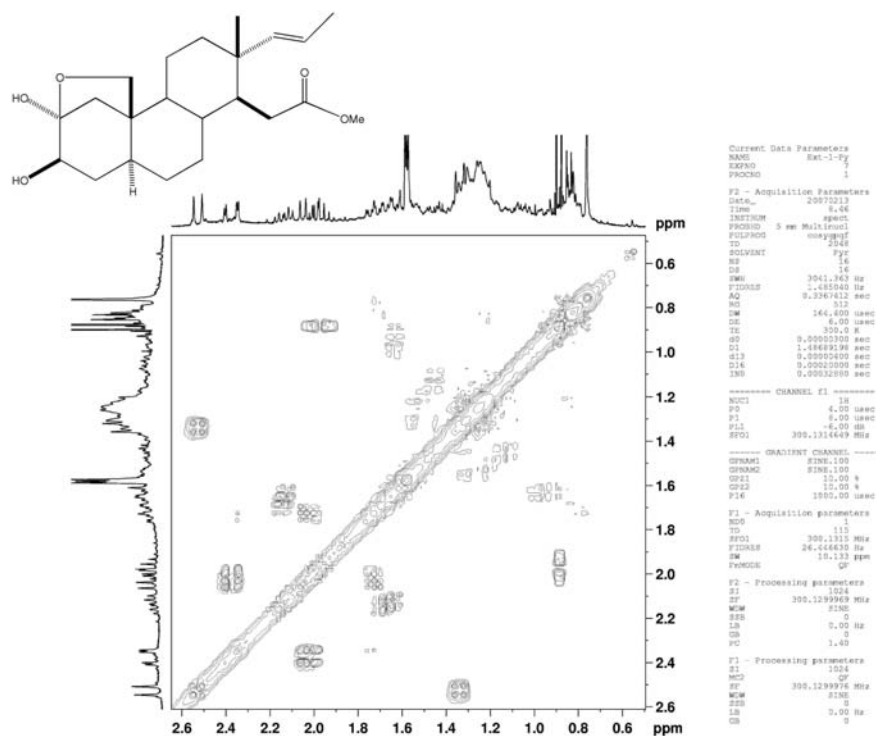
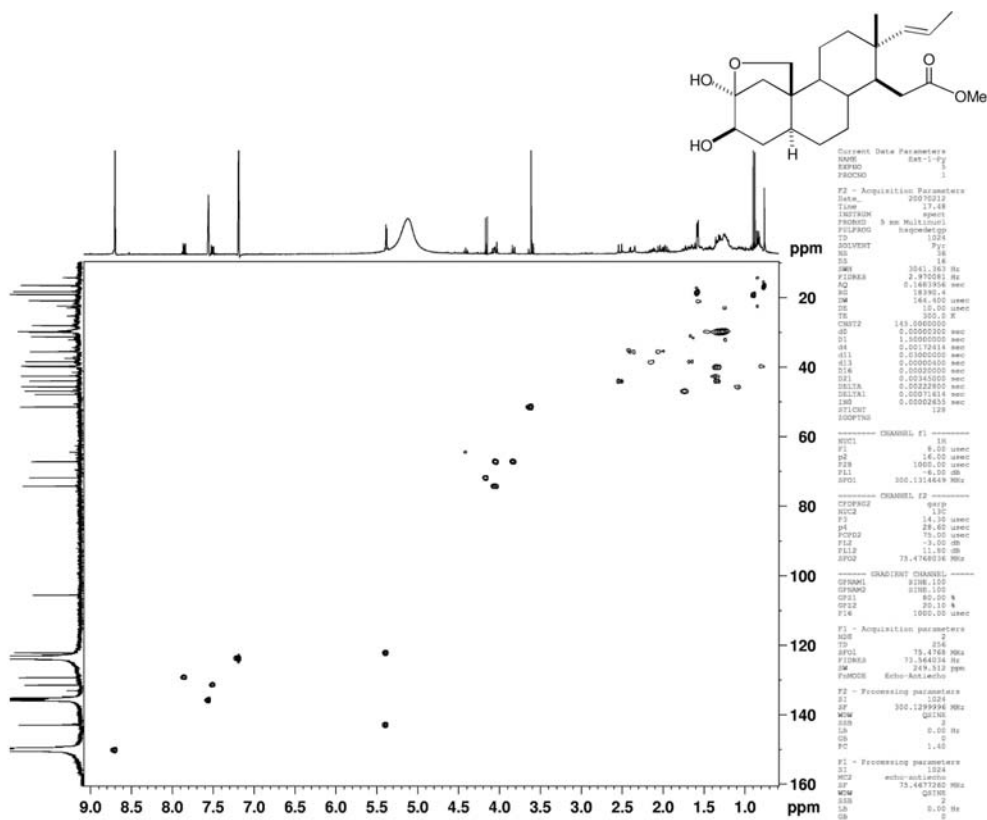


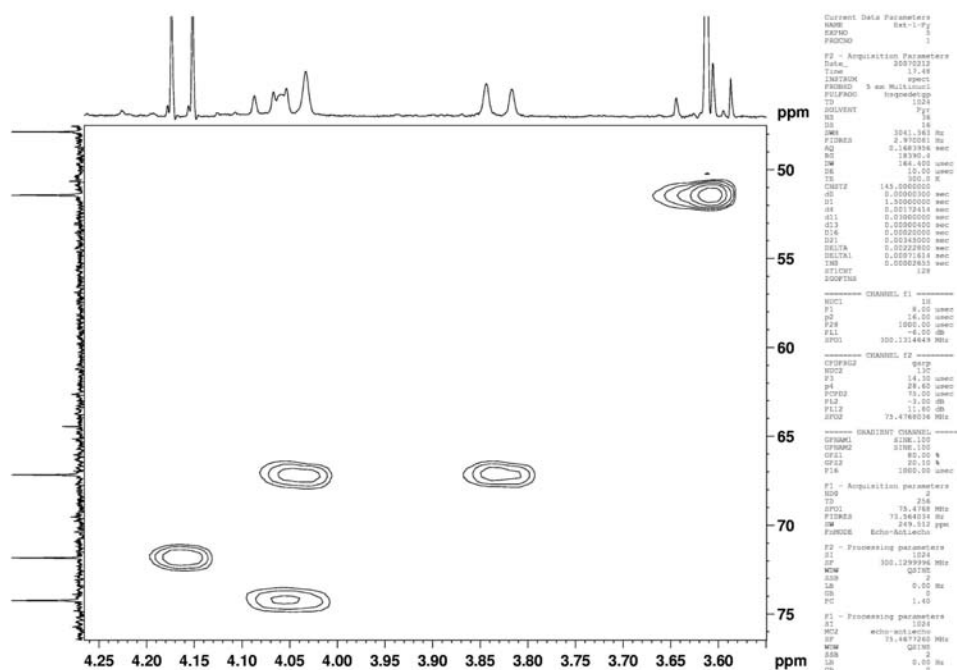
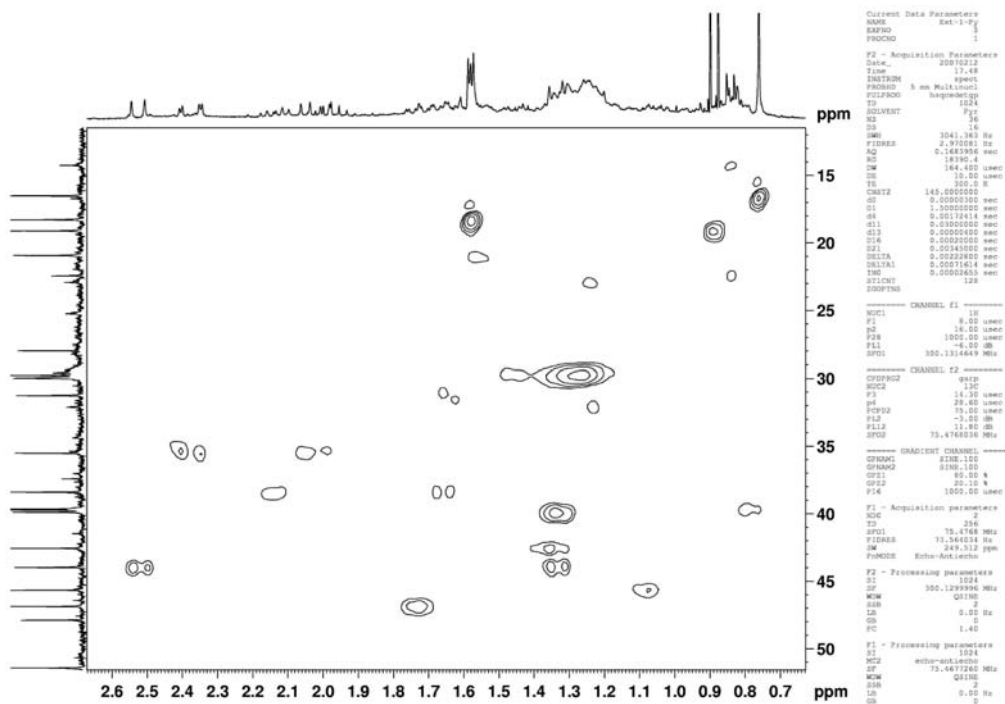
Figure S12. ^1H NMR spectrum (300 MHz, pyridine- d_3) of compound 1.Figure S13. ^1H NMR spectrum (300 MHz, pyridine- d_3) of compound 1 (expansion).



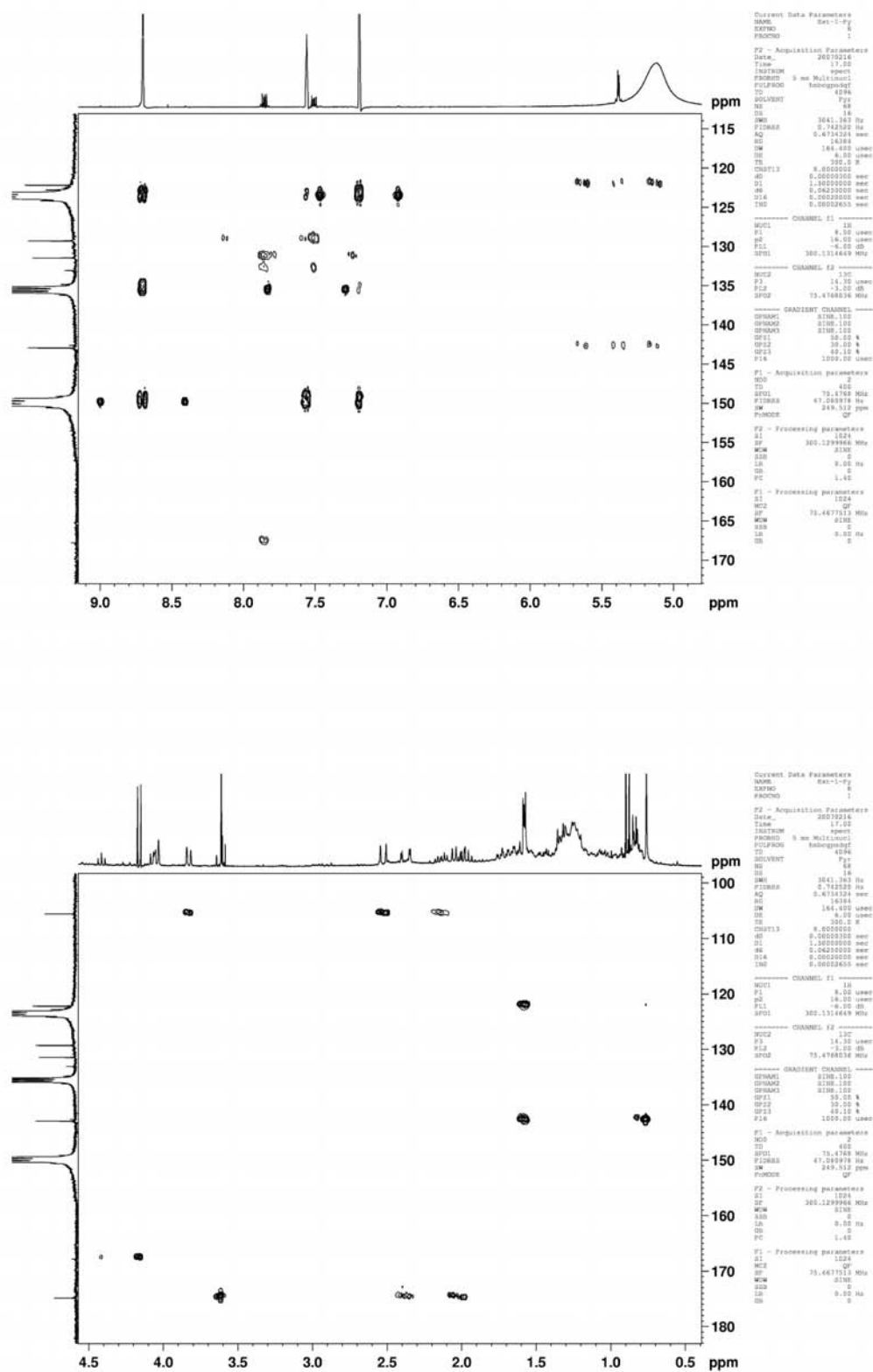
Figure S16. ^{13}C NMR spectrum (75 MHz, pyridine- d_5) of compound **1** (expansion).Figure S17. ^{13}C NMR spectrum - DEPT-135 (75 MHz, pyridine- d_5) of compound **1**

Figure S18. ^{13}C NMR spectrum – DEPT-135° (75 MHz, pyridine- d_5) of compound **1** (expansion).Figure S19. ^1H - ^1H COSY NMR spectrum (300 MHz, pyridine- d_5) of compound **1**

Figure S20. ^1H - ^1H COSY NMR spectrum (300 MHz, pyridine- d_5) of compound 1 (expansion)Figure S21. HMQC (pyridine- d_5) of compound 1

Figure S22. HMQC (pyridine- d_5) of compound **1** (expansion)Figure S23. HMQC (pyridine- d_5) of compound **1** (expansion)



Figure S25. HMBC (pyridine- d_5) of compound **1** (expansions)

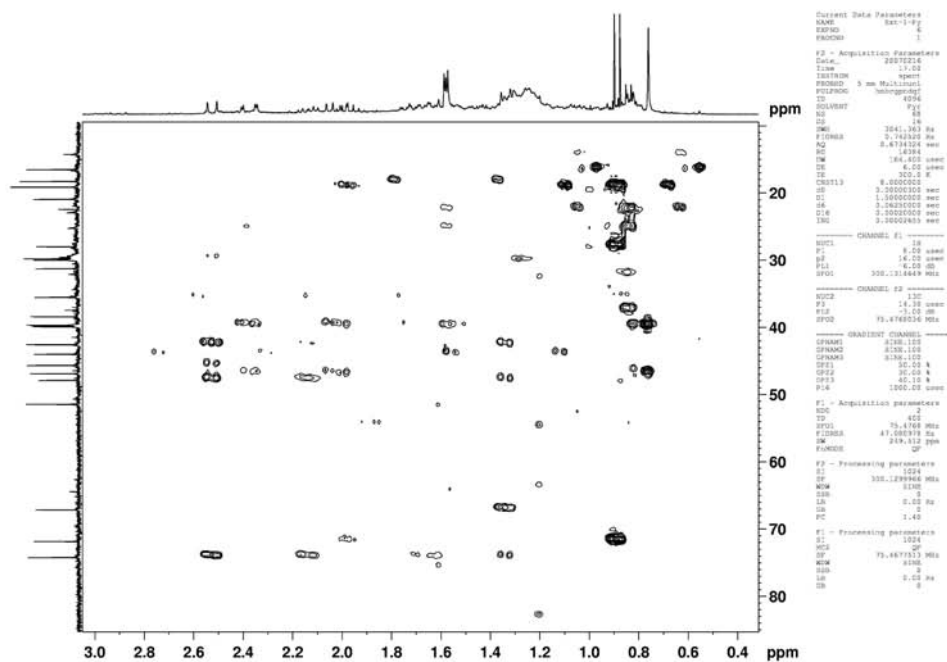
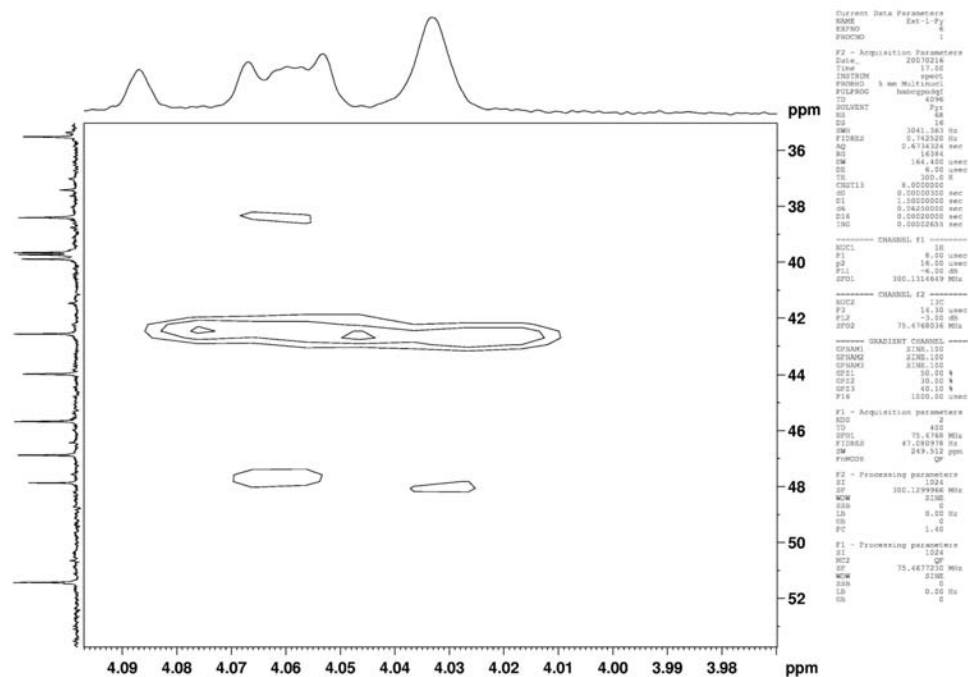
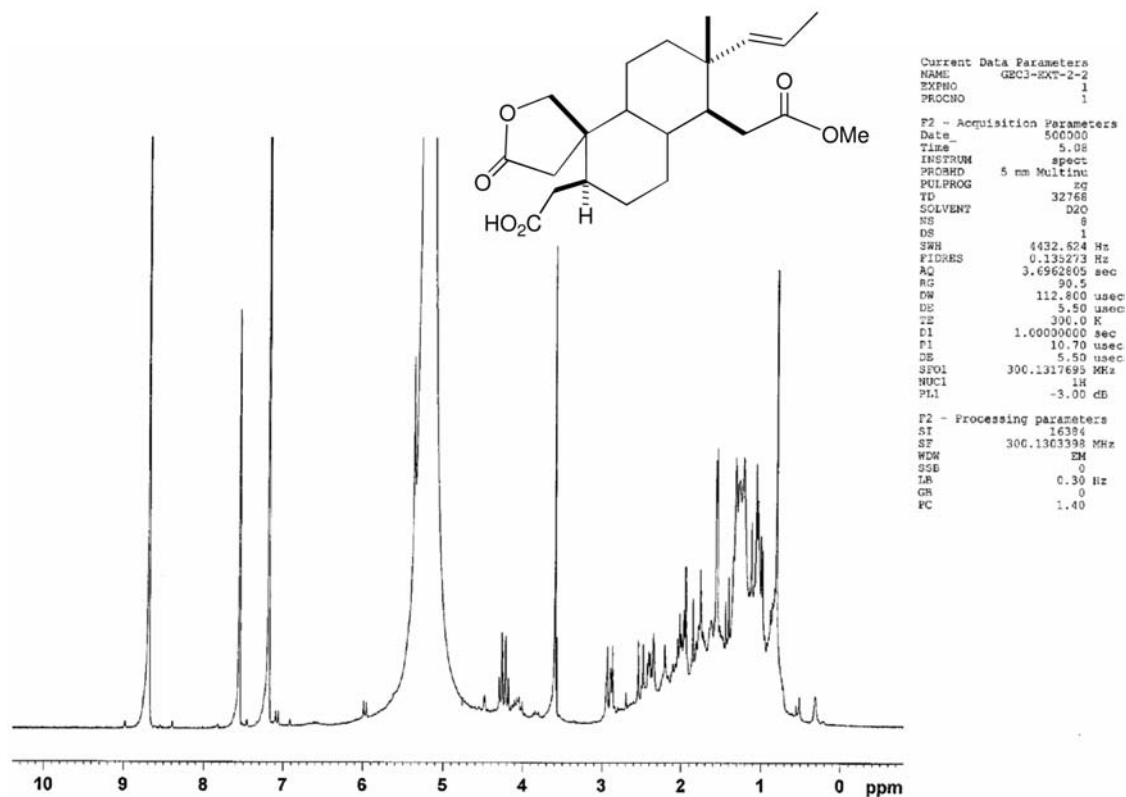
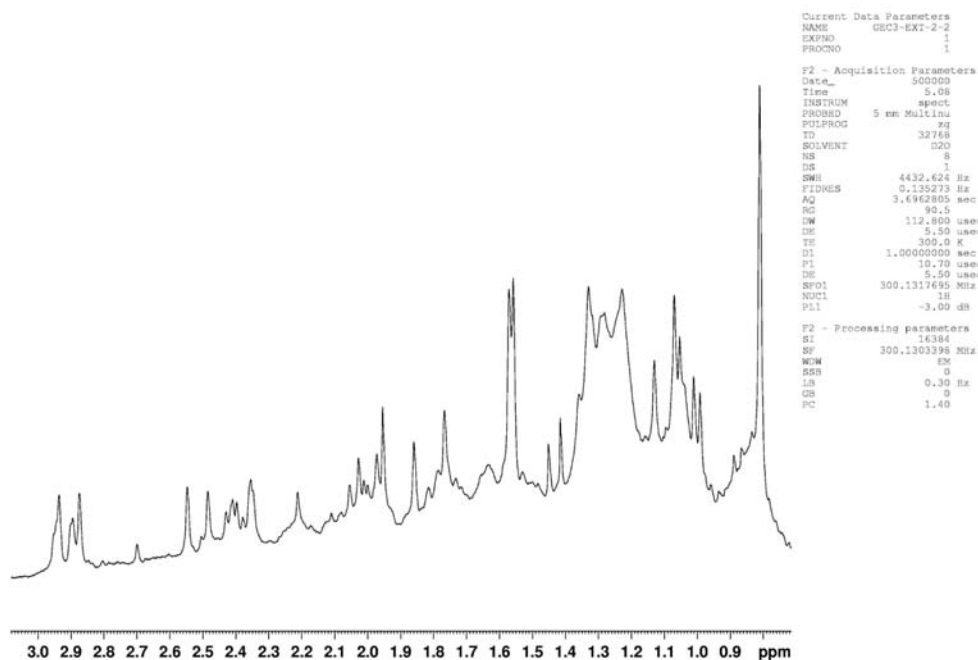
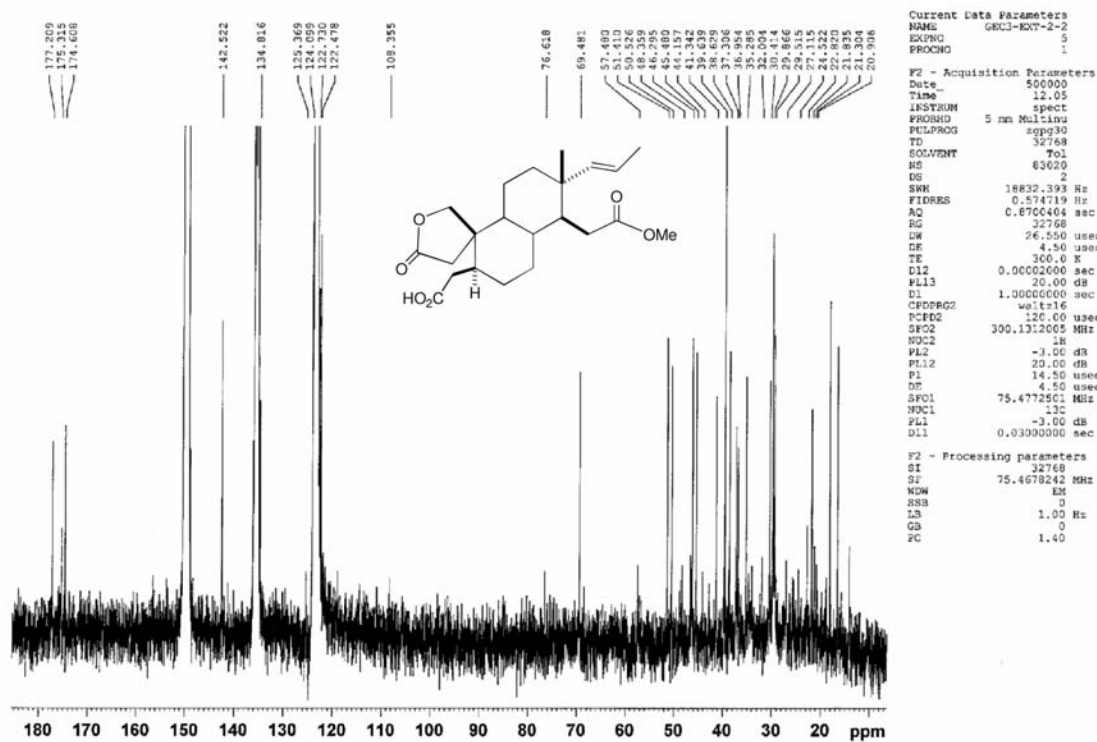


Figure S26. HMBC (pyridine- d_5) of compound **1** (expansions)

Figure S27. HMBC (pyridine- d_3) of compound **1** (expansion)Figure S28. ^1H NMR spectrum (300 MHz, pyridine- d_3) of compound **2**.

Figure S29. ^1H NMR spectrum (300 MHz, pyridine- d_3) of compound 2 (expansion).Figure S30. ^{13}C NMR spectrum (75 MHz, pyridine- d_3) of compound 2.

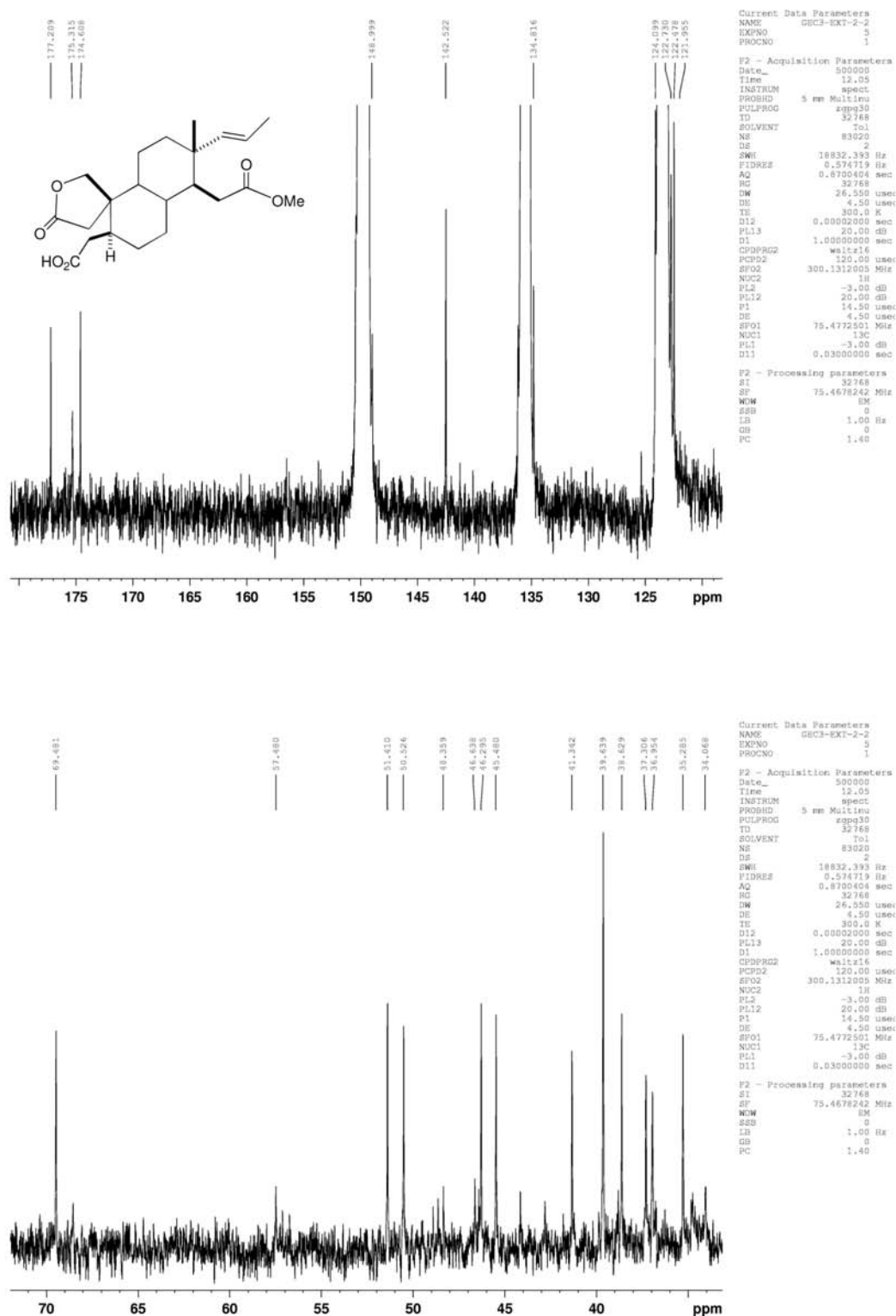
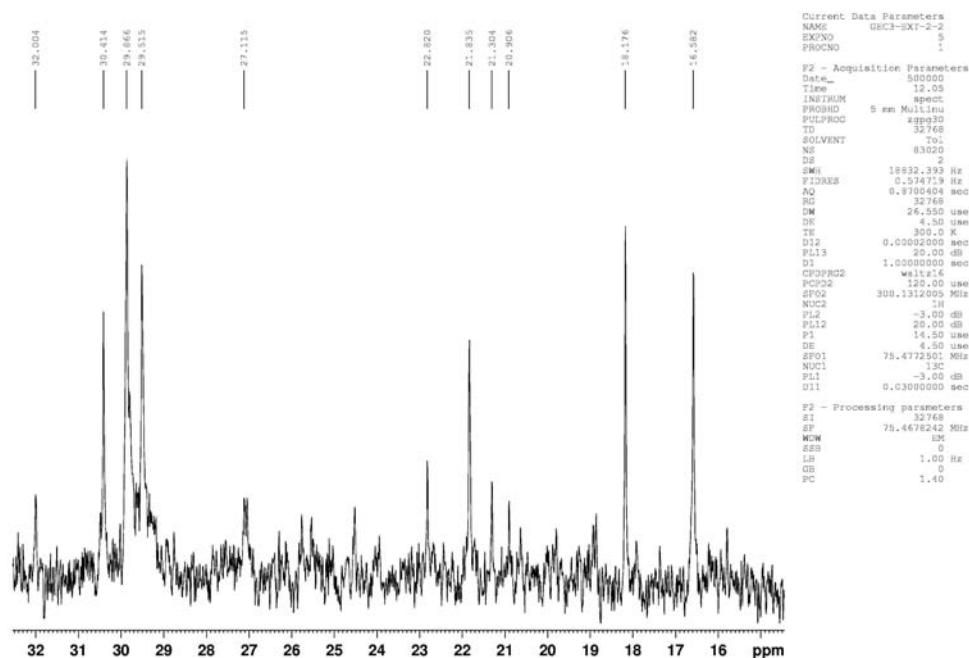
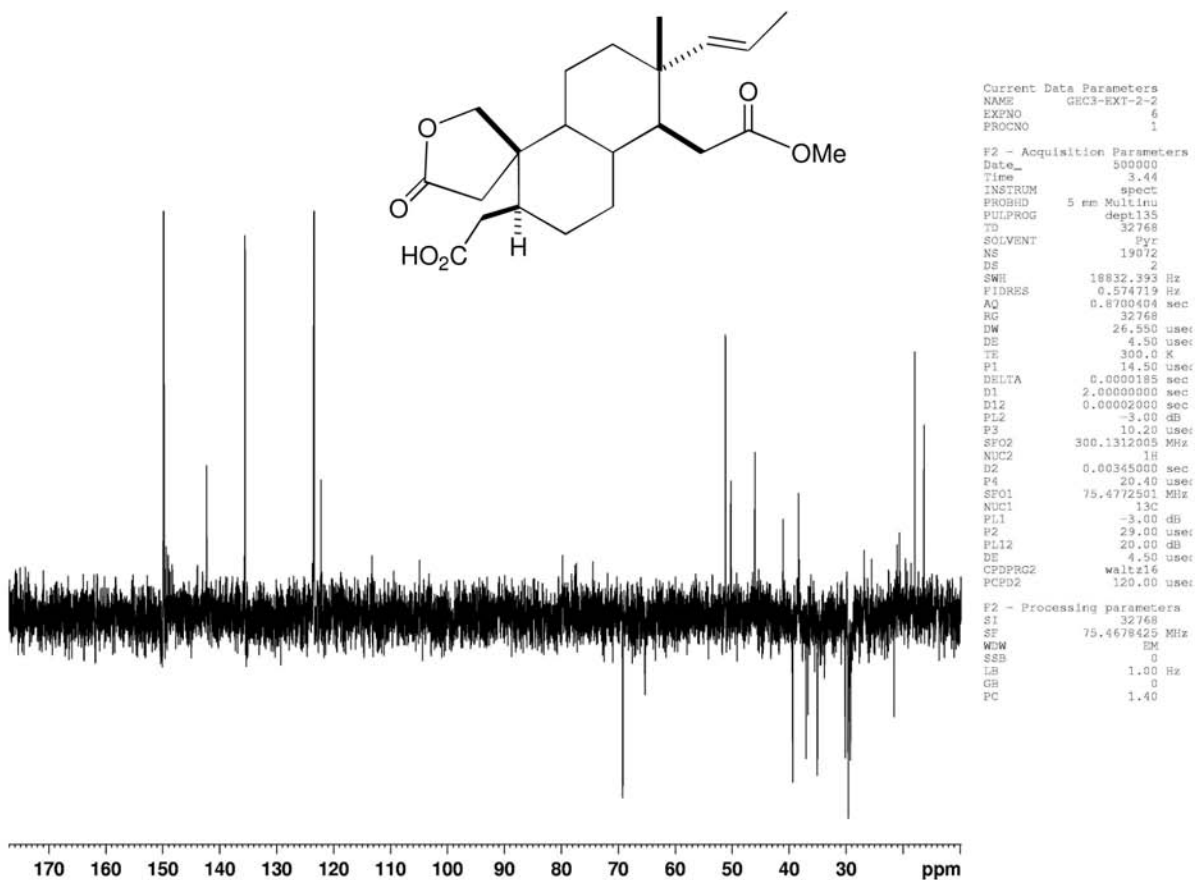


Figure S31. ¹³C NMR spectrum (75 MHz, pyridine-*d*₅) of compound 2 (expansions).

Figure S32. ^{13}C NMR spectrum (75 MHz, pyridine- d_3) of compound **2** (expansion)Figure S33. ^{13}C NMR spectrum-DEPT 135° (75 MHz, pyridine- d_3) of compound **2**.

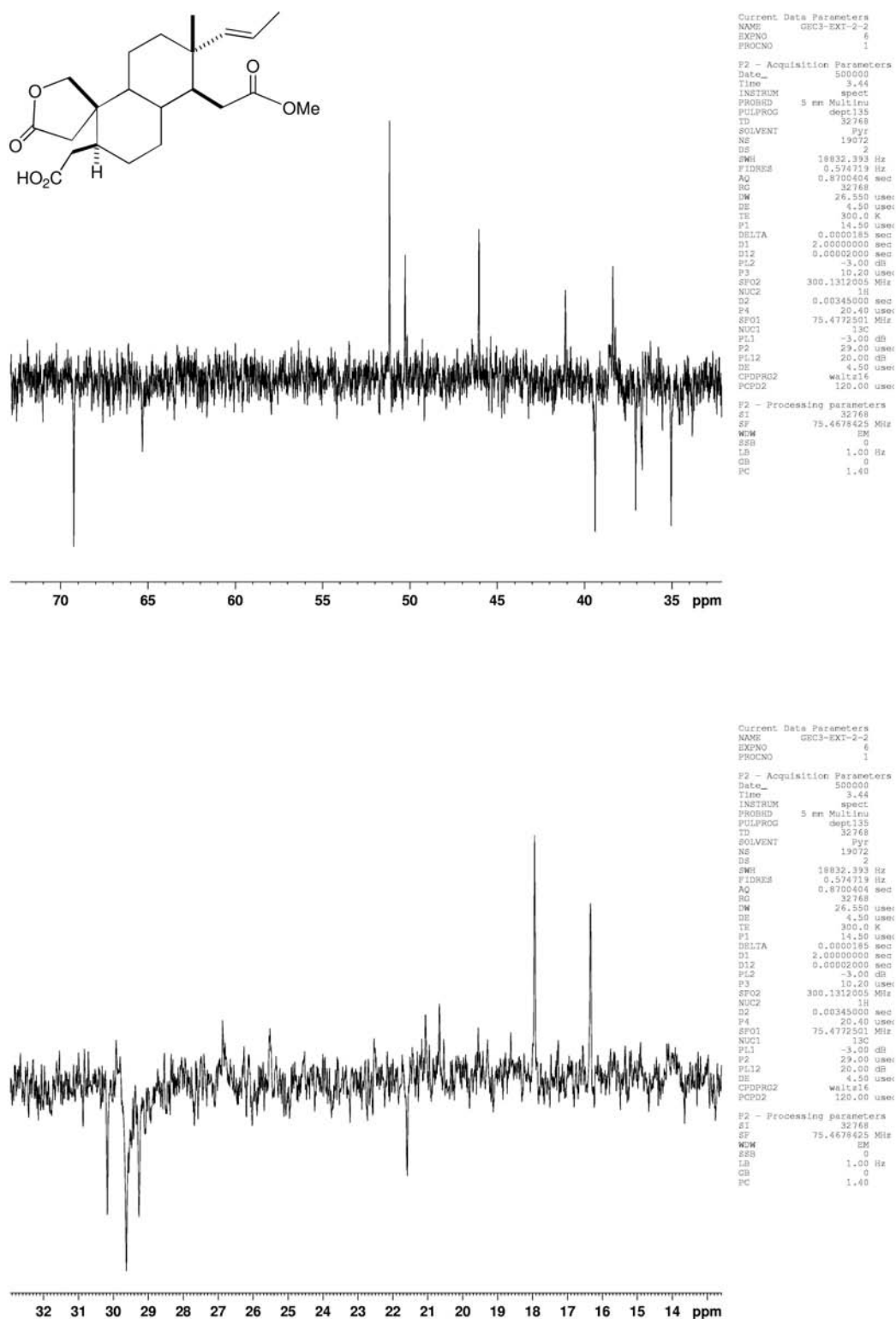
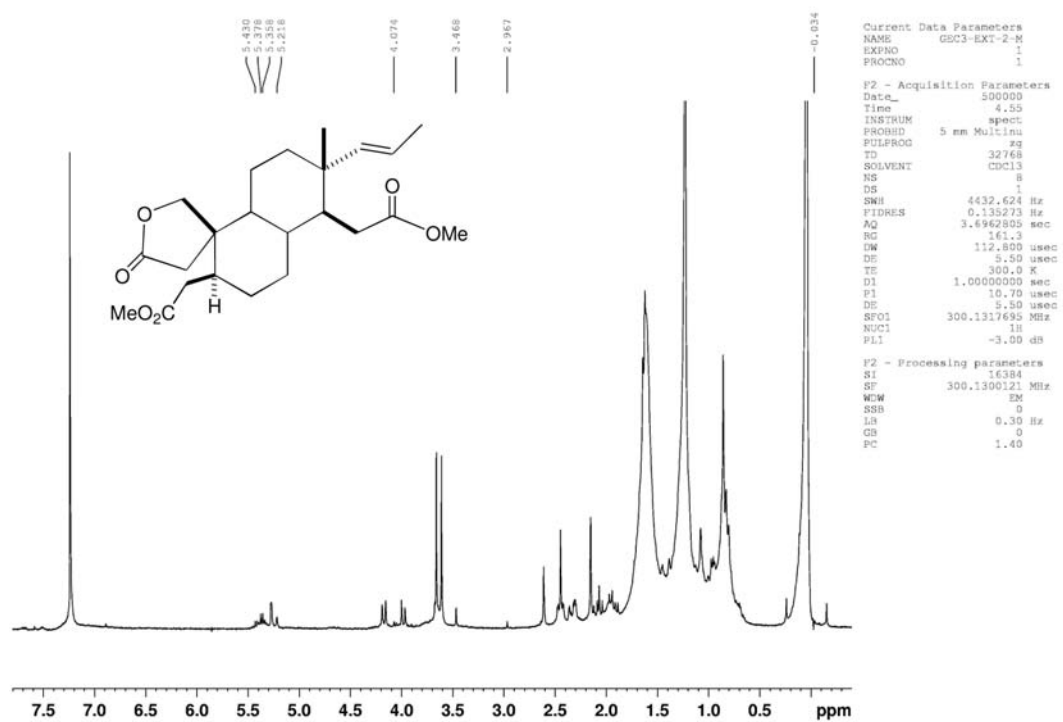
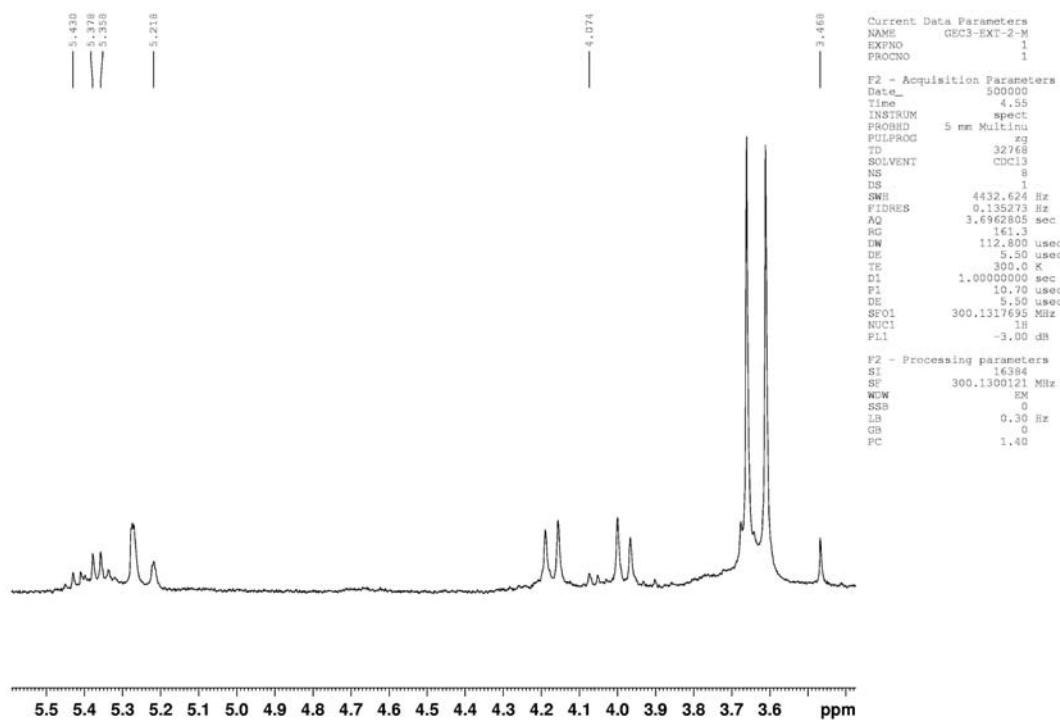
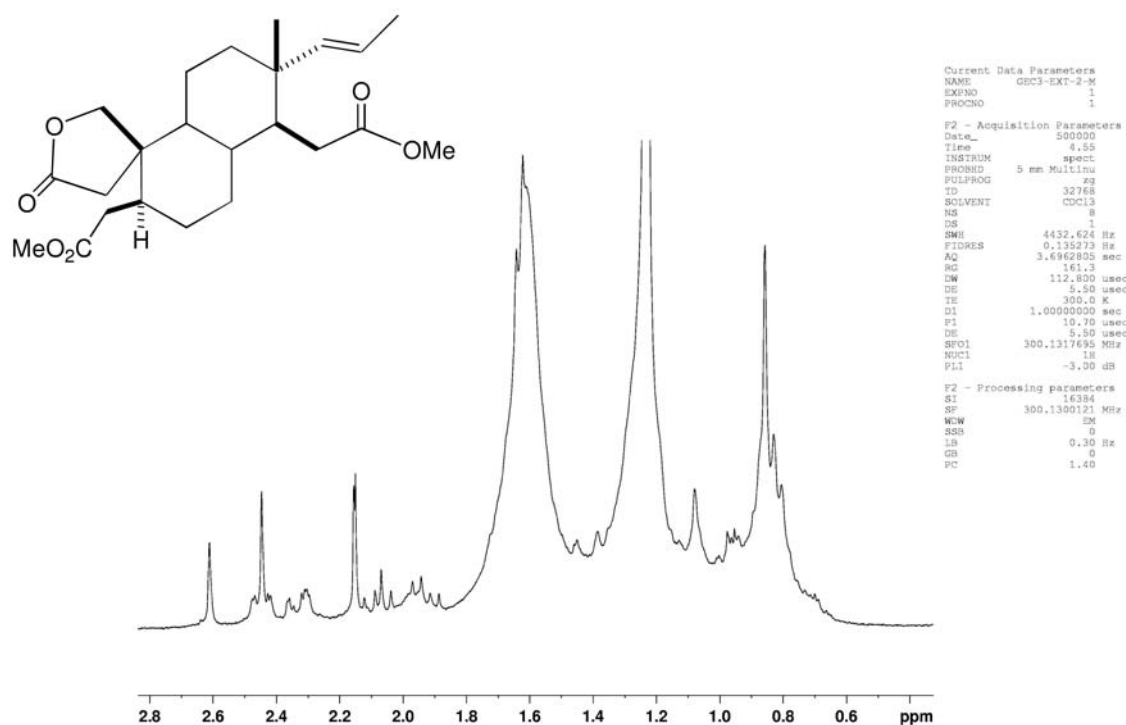
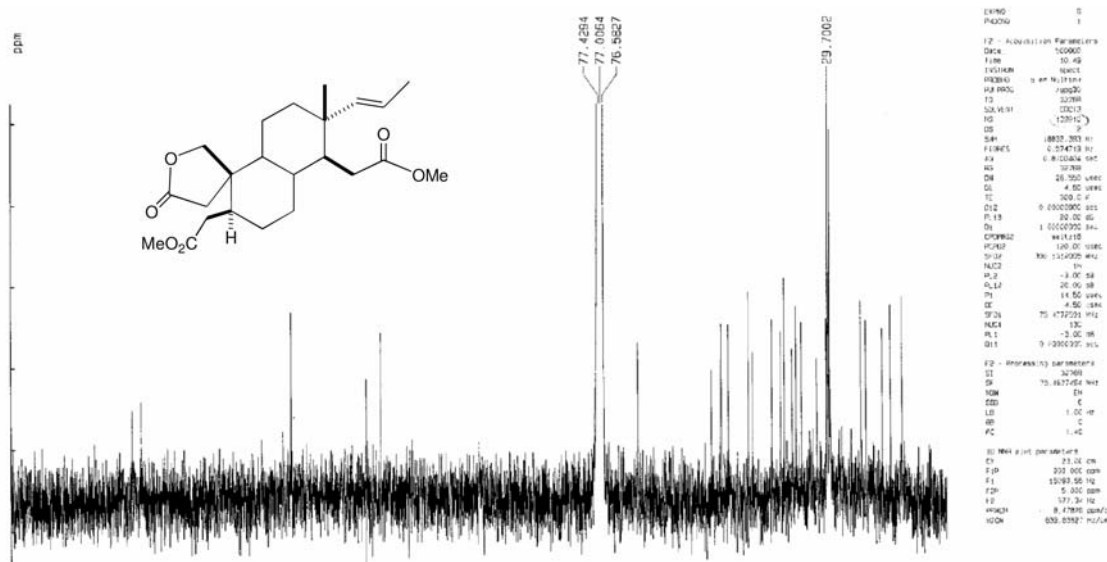
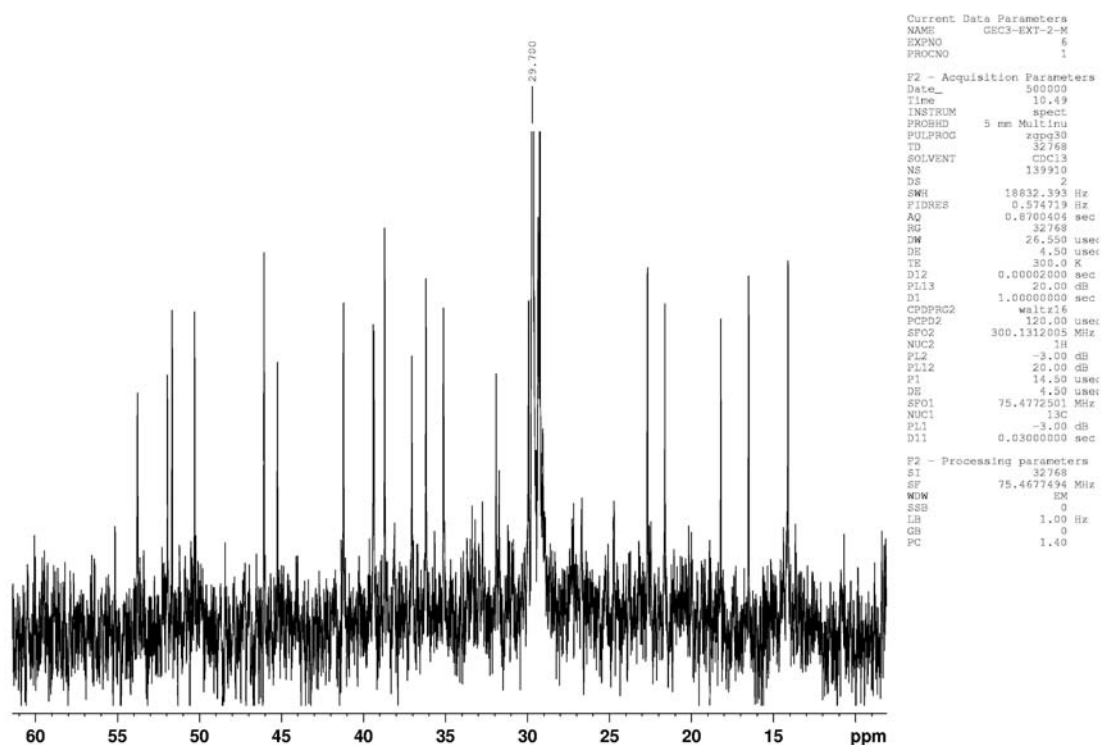
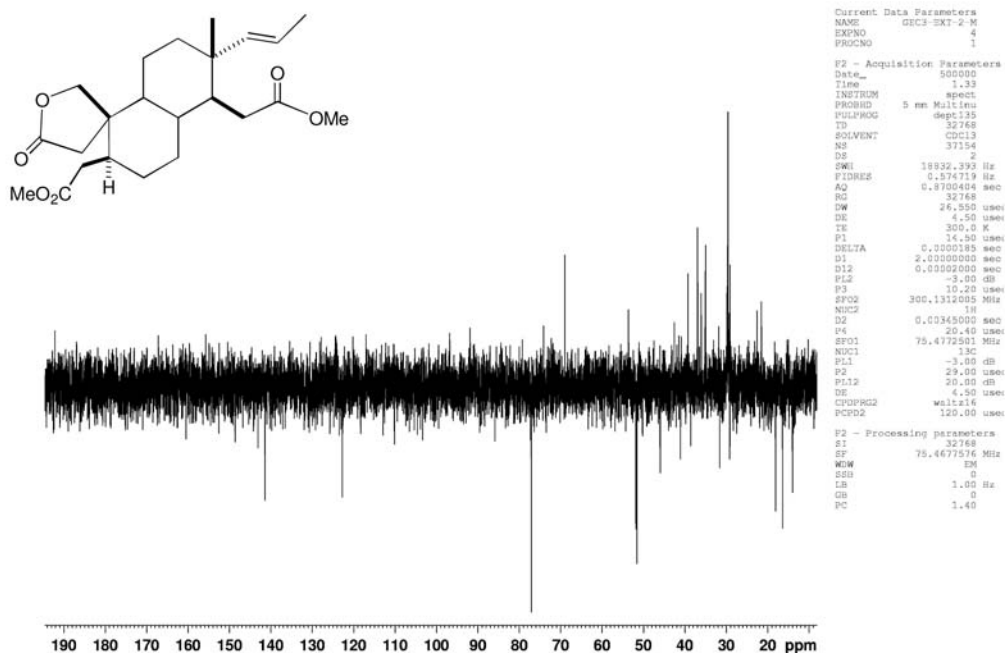
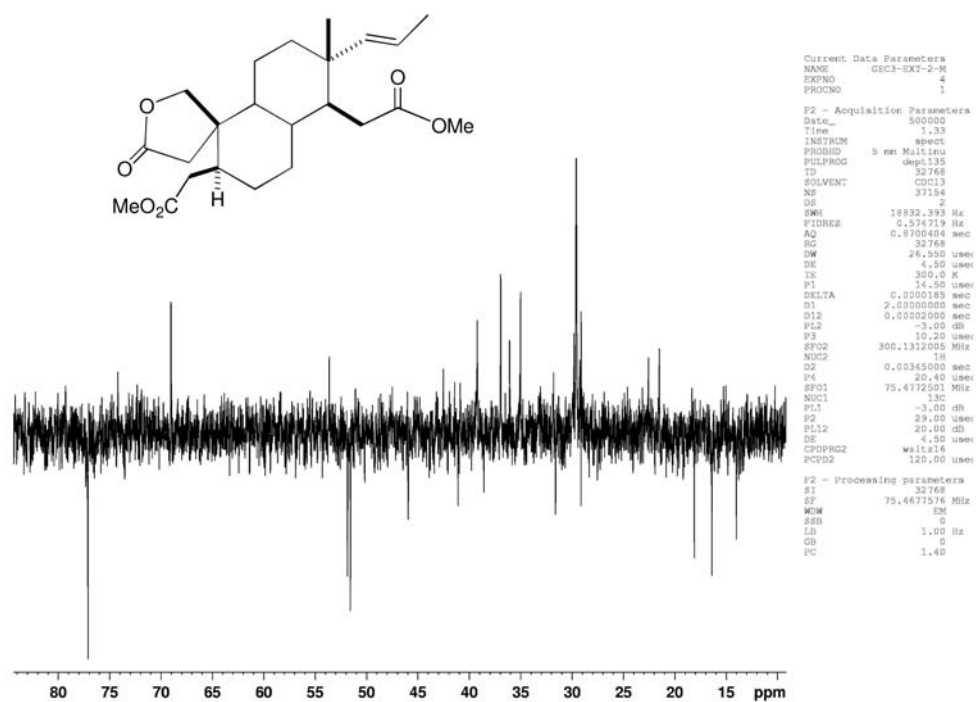
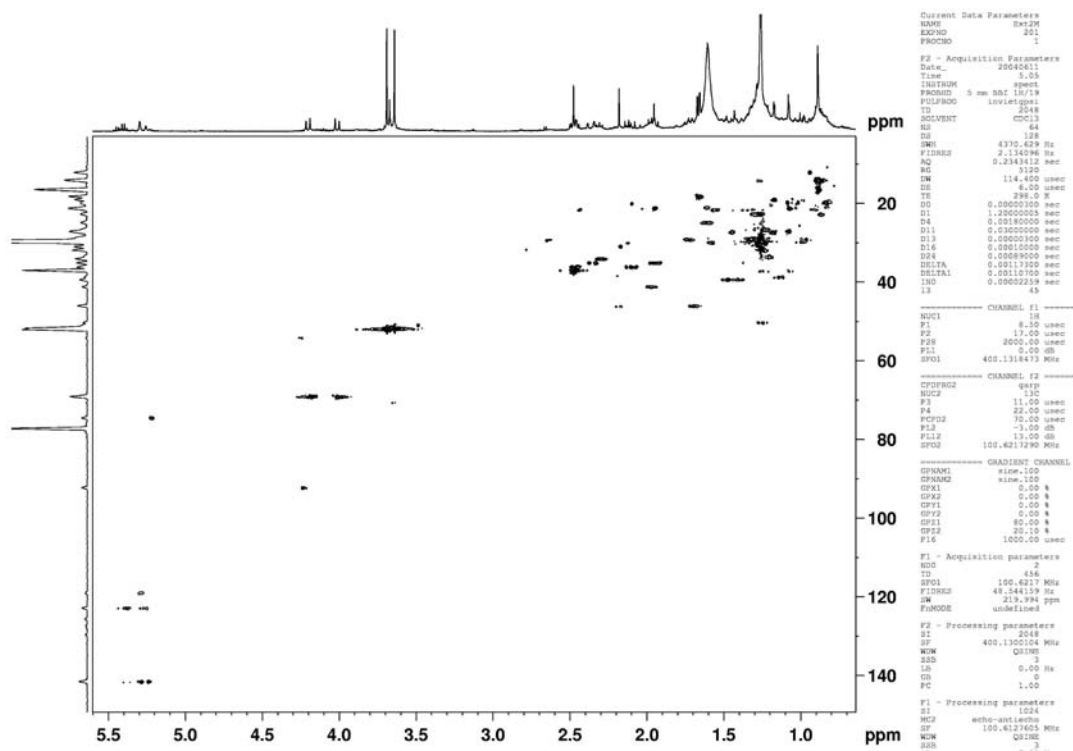


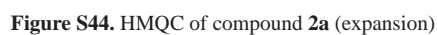
Figure S34. ^{13}C NMR spectrum- DEPT 135° (75 MHz, pyridine- d_5) of compound **2** (expansions).

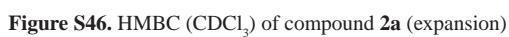
Figure S35. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **2a**.Figure S36. ¹H NMR spectrum (300 MHz, CDCl₃) of compound **2a** (expansion).

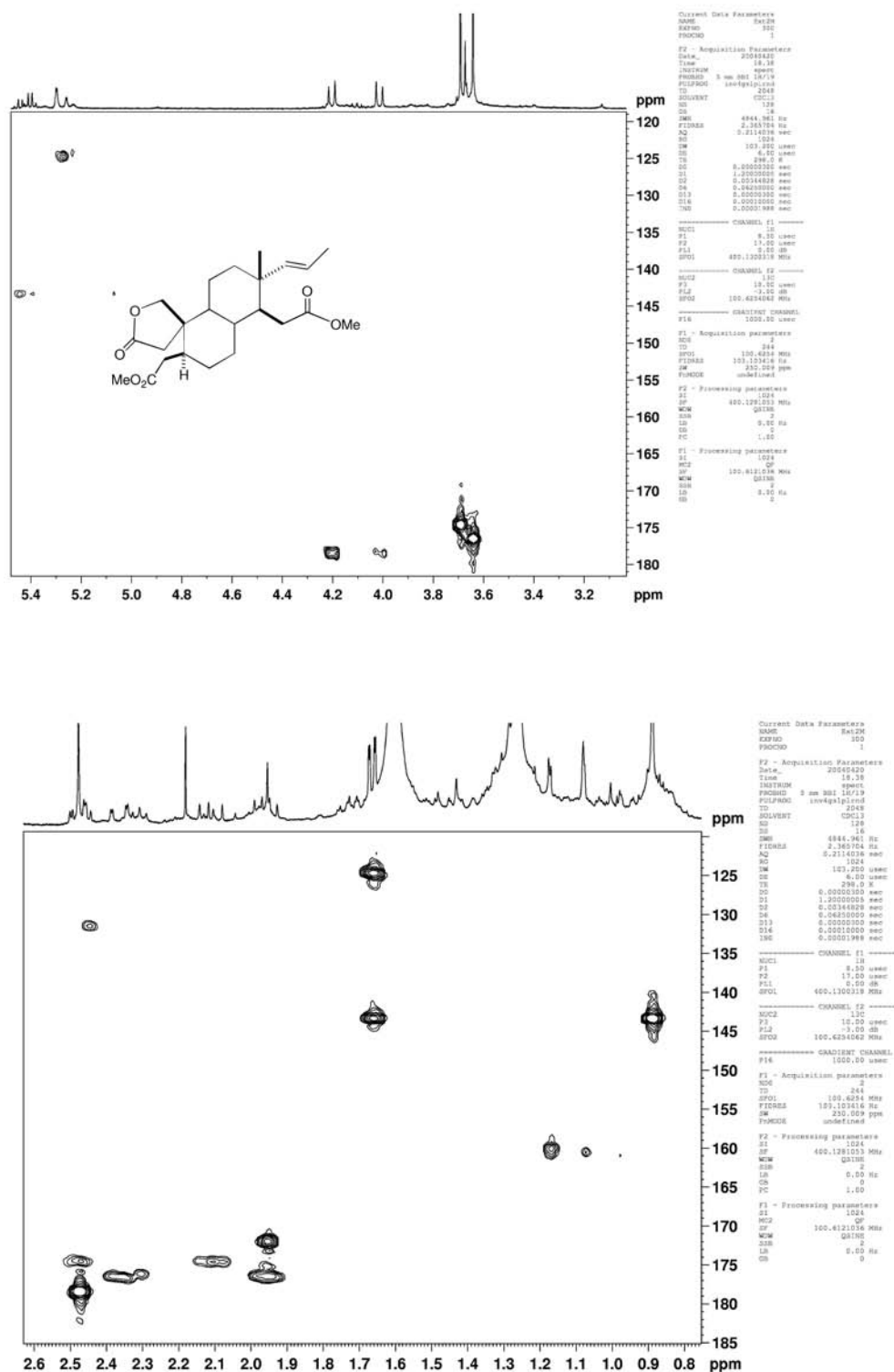
Figure S37. ^1H NMR spectrum (300 MHz, CDCl_3) of compound **2a** (expansion).Figure S38. ^{13}C NMR spectrum (75 MHz, CDCl_3) of compound **2a**.

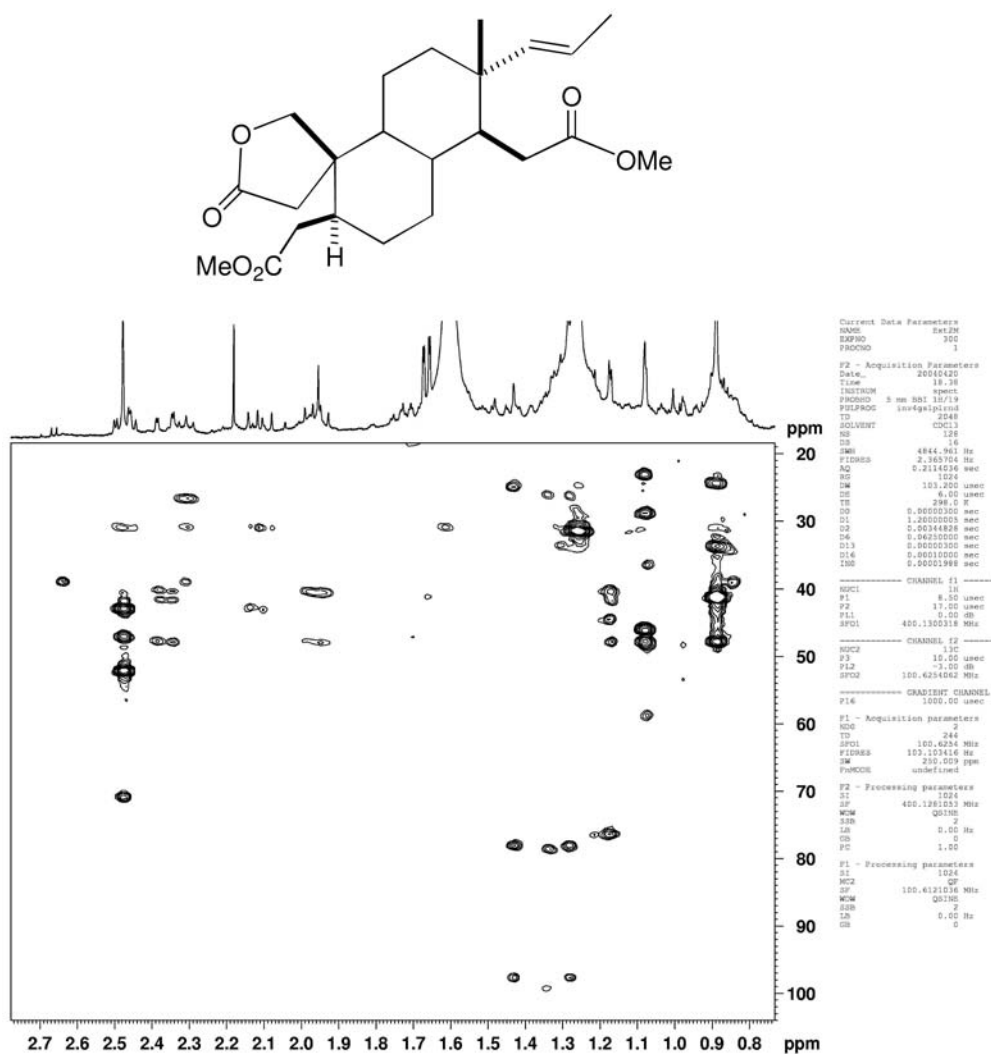
Figure S39. ^{13}C NMR spectrum (75 MHz, CDCl_3) of compound **2a** (expansion).Figure S40. ^{13}C NMR spectrum DEPT-135° (75 MHz, CDCl_3) of compound **2a**.

Figure S41. ^{13}C NMR spectrum DEPT-135° (75 MHz, CDCl_3) of compound 2a (expansion).Figure S42. HMQC (CDCl_3) of compound 2a.





Figure S47. HMBC (CDCl₃) of compound 2a (expansions)

Figure S48. HMBC (CDCl₃) of compound **2a** (expansion).