

Supplemental Information

Cytotoxic Diterpenoids from *Croton argyrophyilloides*

Hélcio S. Santos, Francisco W. A. Barros, Maria Rose Jane R. Albuquerque, Paulo N. Bandeira, Cláudia Pessoa, Raimundo Braz-Filho, Francisco J. Q. Monte, José Henrique Leal Cardoso, and Telma L. G. Lemos*

Page 2. Figure S1. IR (film) of 1

Page 3. Figure S2. ^1H NMR spectrum (500 MHz, CDCl_3) of 1

Page 4. Figure S3. ^{13}C -BB NMR spectrum (125 MHz, CDCl_3) of 1

Page 5. Figure S4. ^{13}C -DEPT 135° NMR spectrum (125 MHz, CDCl_3) of 1

Page 6. Figure S5. COSY NMR spectrum (500 MHz, CDCl_3) of 1

Page 7. Figure S6. NOESY NMR spectrum (500 MHz, CDCl_3) of 1

Page 8. Figure S7. HMQC NMR spectrum (500 MHz, CDCl_3) of 1

Page 9. Figure S8. HMBC NMR spectrum (500 MHz, CDCl_3) of 1

Page 10. Figure S9. HRESIMS spectrum of 1

Page 11. Figure S10. IR (film) of 2

Page 12. Figure S11. ^1H NMR spectrum (500 MHz, CDCl_3) of 2

Page 13. Figure S12. ^{13}C -BB NMR spectrum (125 MHz, CDCl_3) of 2

Page 14. Figure S13. ^{13}C -DEPT 135° NMR spectrum (125 MHz, CDCl_3) of 2

Page 15. Figure S14. HMBC NMR spectrum (500 MHz, CDCl_3) of 2

Page 16. Figure S15. HMQC NMR spectrum (500 MHz, CDCl_3) of 2

Page 17. Figure S16. NOESY NMR spectrum (500 MHz, CDCl_3) of 2

Page 18. Figure S17. HRESIMS spectrum of 2

Page 19. Figure S18. IR (film) of 3

Page 20. Figure S19. ^1H NMR spectrum (500 MHz, CDCl_3) of 3

Page 21. Figure S20. ^{13}C -BB NMR spectrum (125 MHz, CDCl_3) of 3

Page 22. Figure S21. LREIMS spectrum of 3

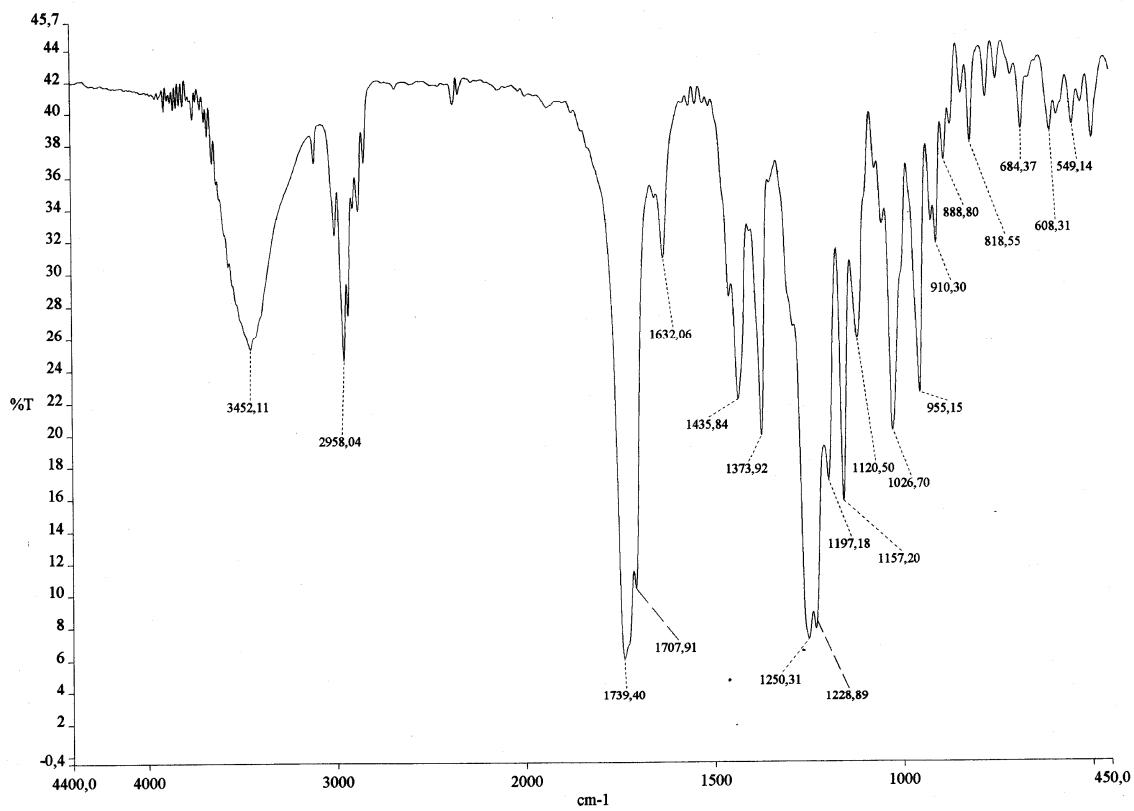


Figure S1. IR (film) of 1

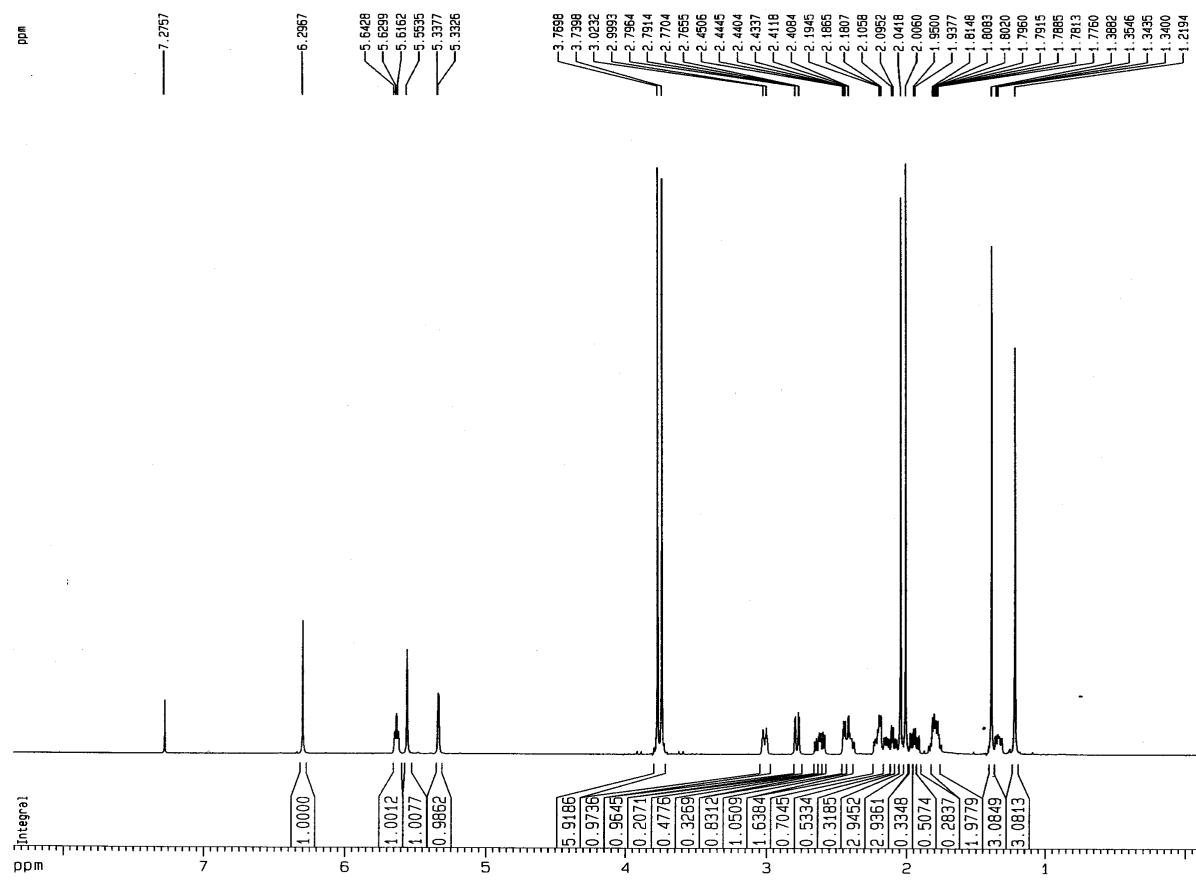


Figure S2. ^1H NMR spectrum (500 MHz, CDCl_3) of **1**

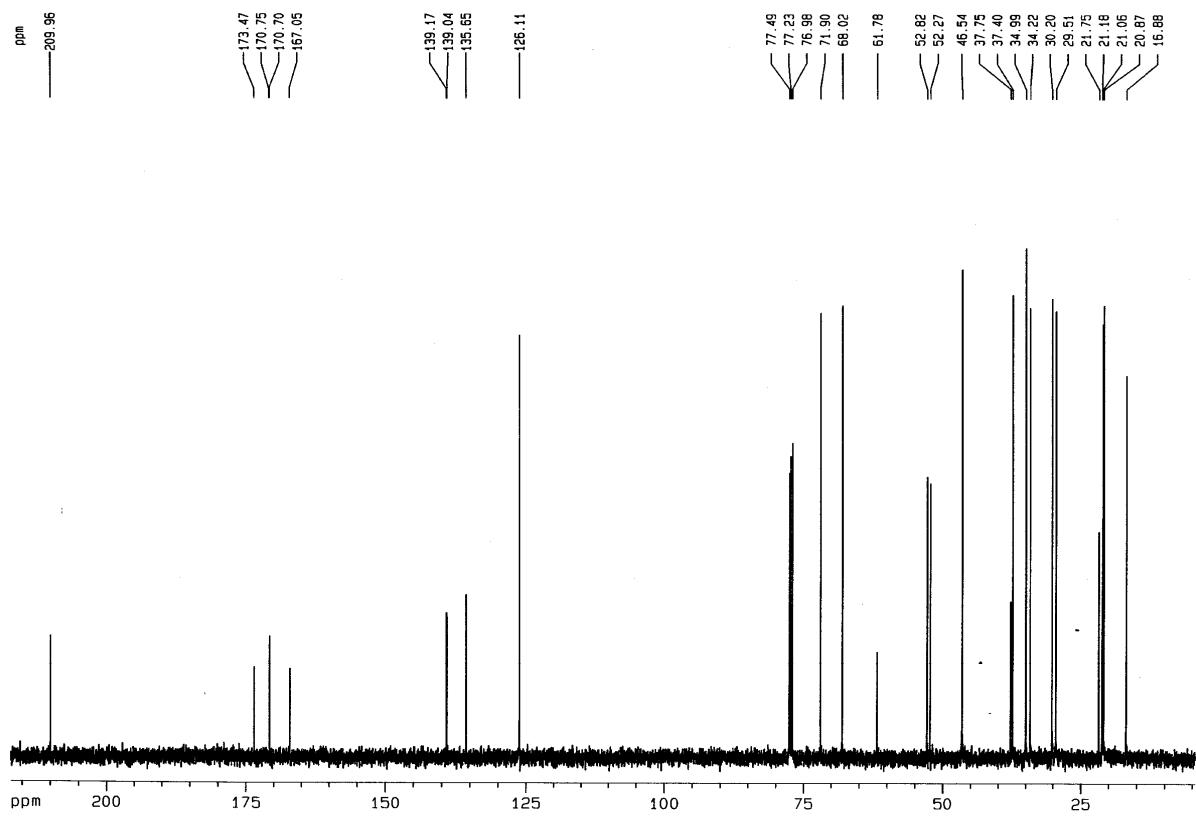


Figure S3. ¹³C-BB NMR spectrum (125 MHz, CDCl₃) of 1

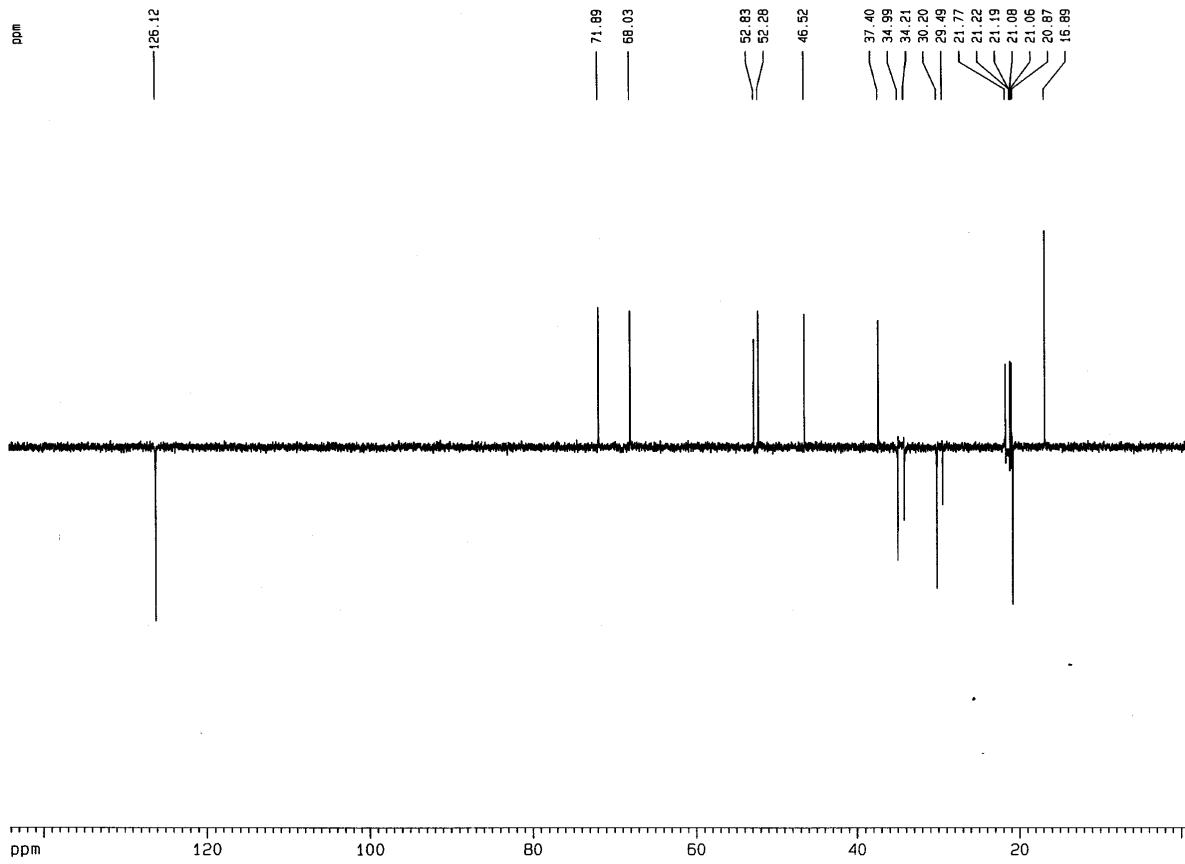


Figure S4. ^{13}C -DEPT 135° NMR spectrum (125 MHz, CDCl_3) of 1

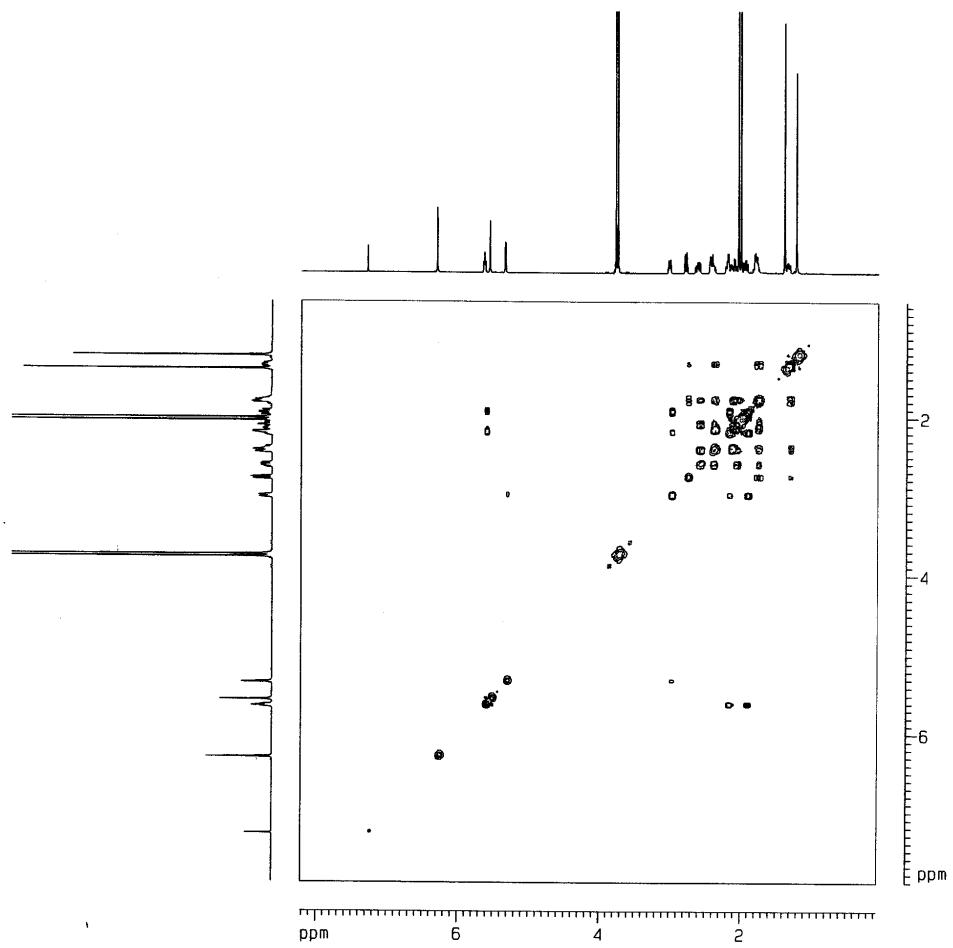


Figure S5. COSY NMR spectrum (500 MHz, CDCl_3) of **1**

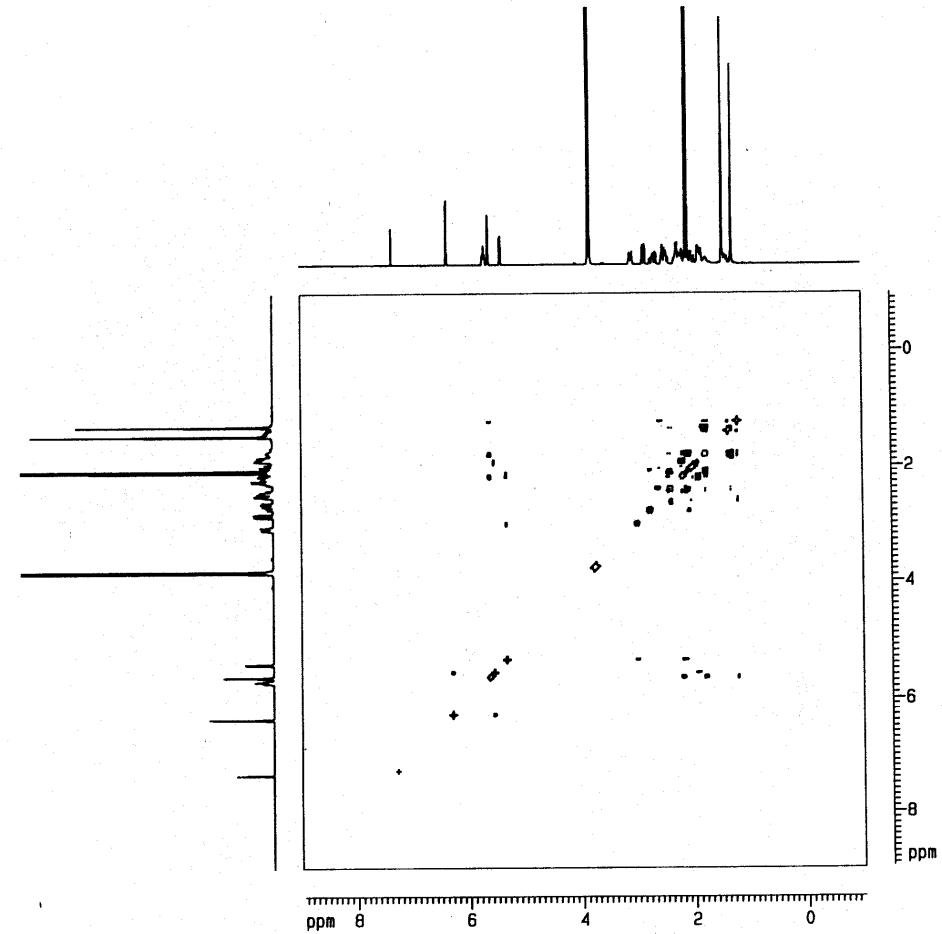


Figure S6. NOESY NMR spectrum (500 MHz, CDCl_3) of **1**

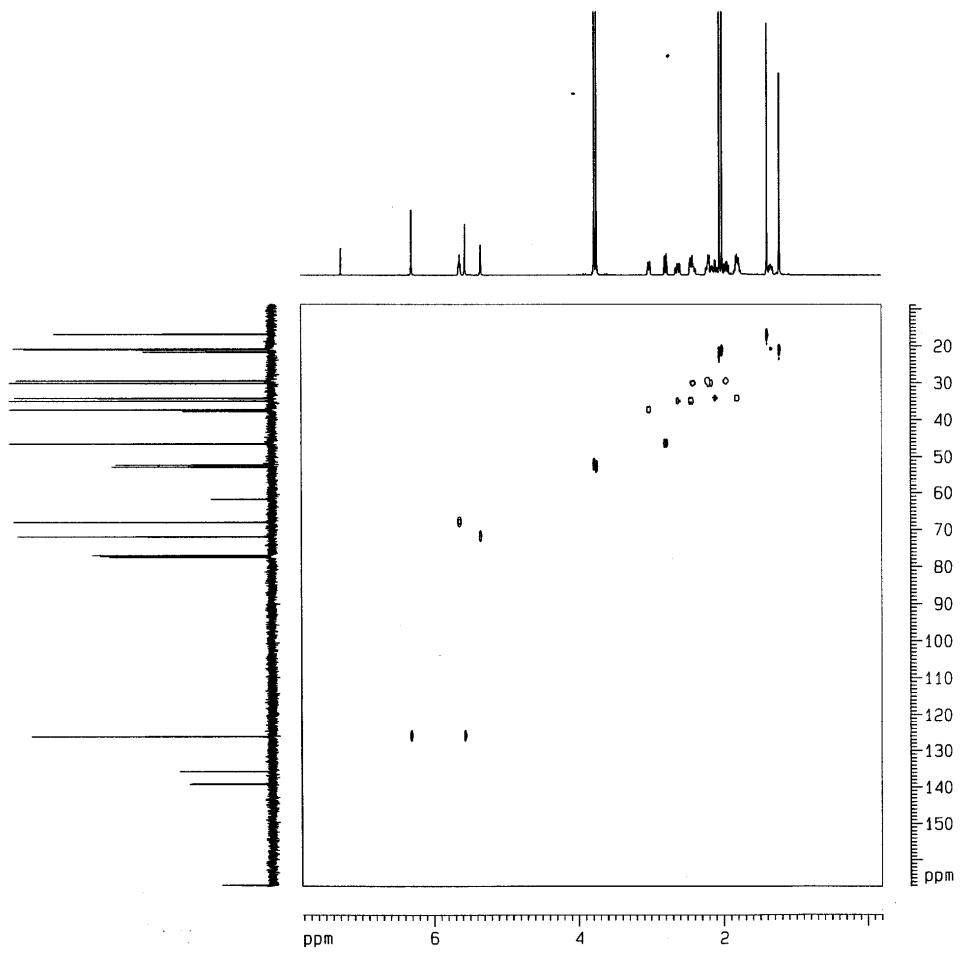


Figure S7. HMQC NMR spectrum (500 MHz, CDCl_3) of 1

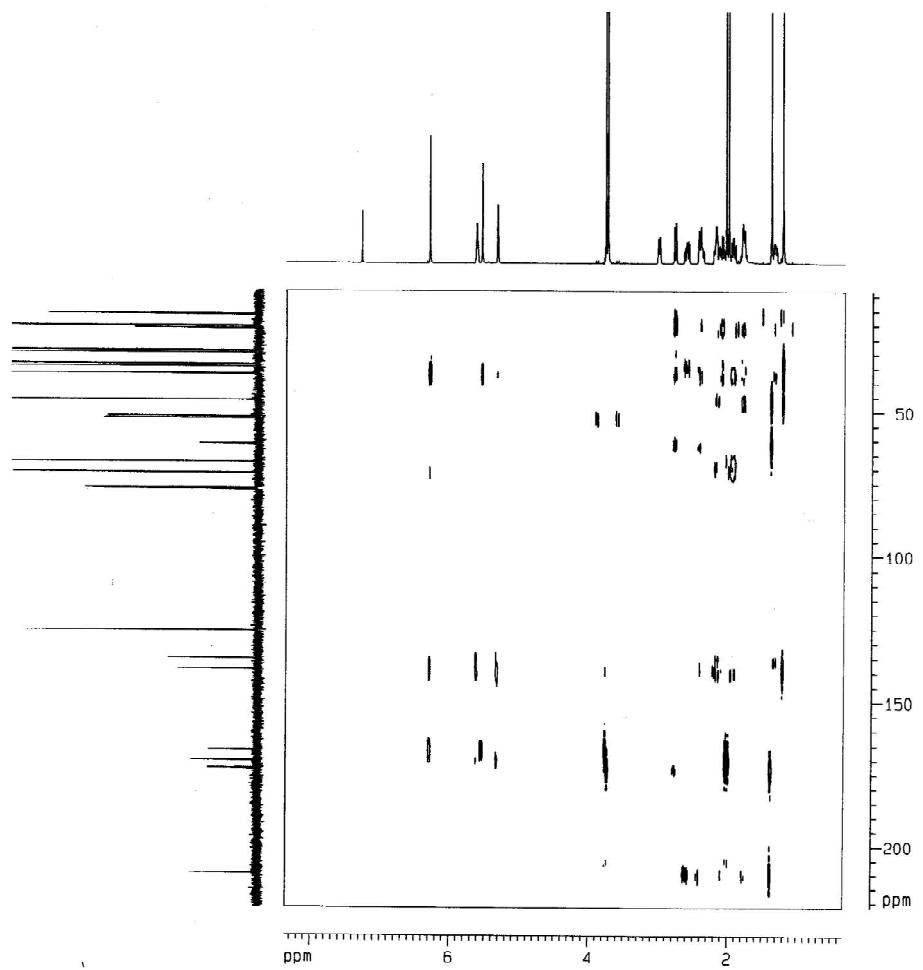
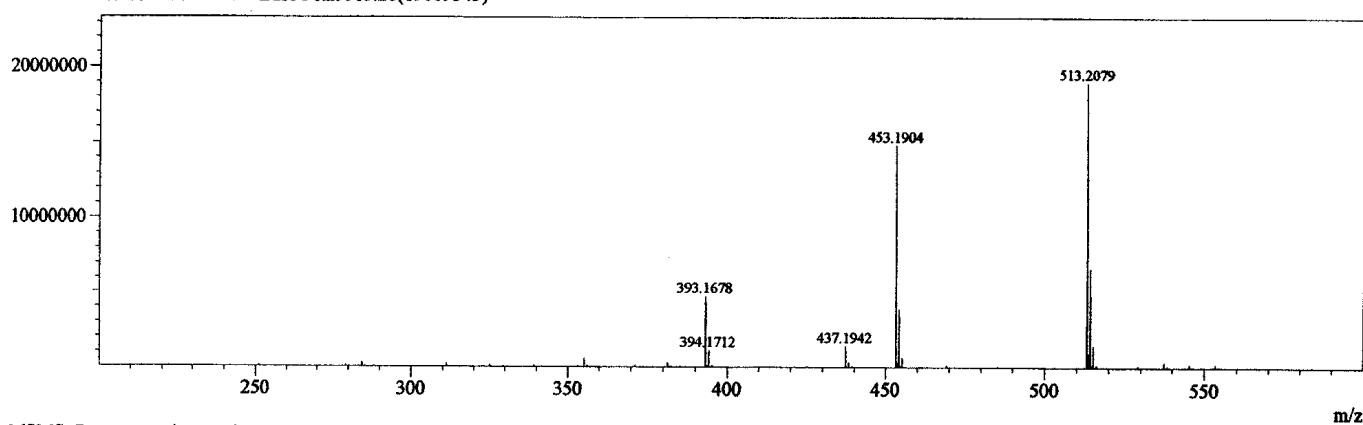


Figure S8. HMBC NMR spectrum (500 MHz, CDCl_3) of 1

MSMS: Precursor m/z ----- /+ Base Peak 513.21(19009545)



MSMS: Precursor m/z ----- /- Base Peak 248.96(1765869)

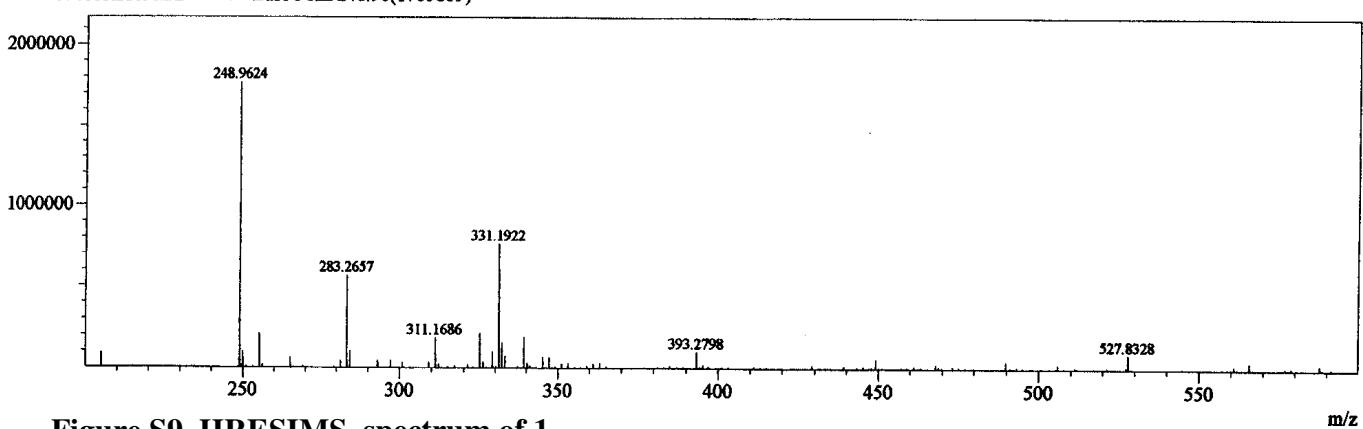


Figure S9. HRESIMS spectrum of 1

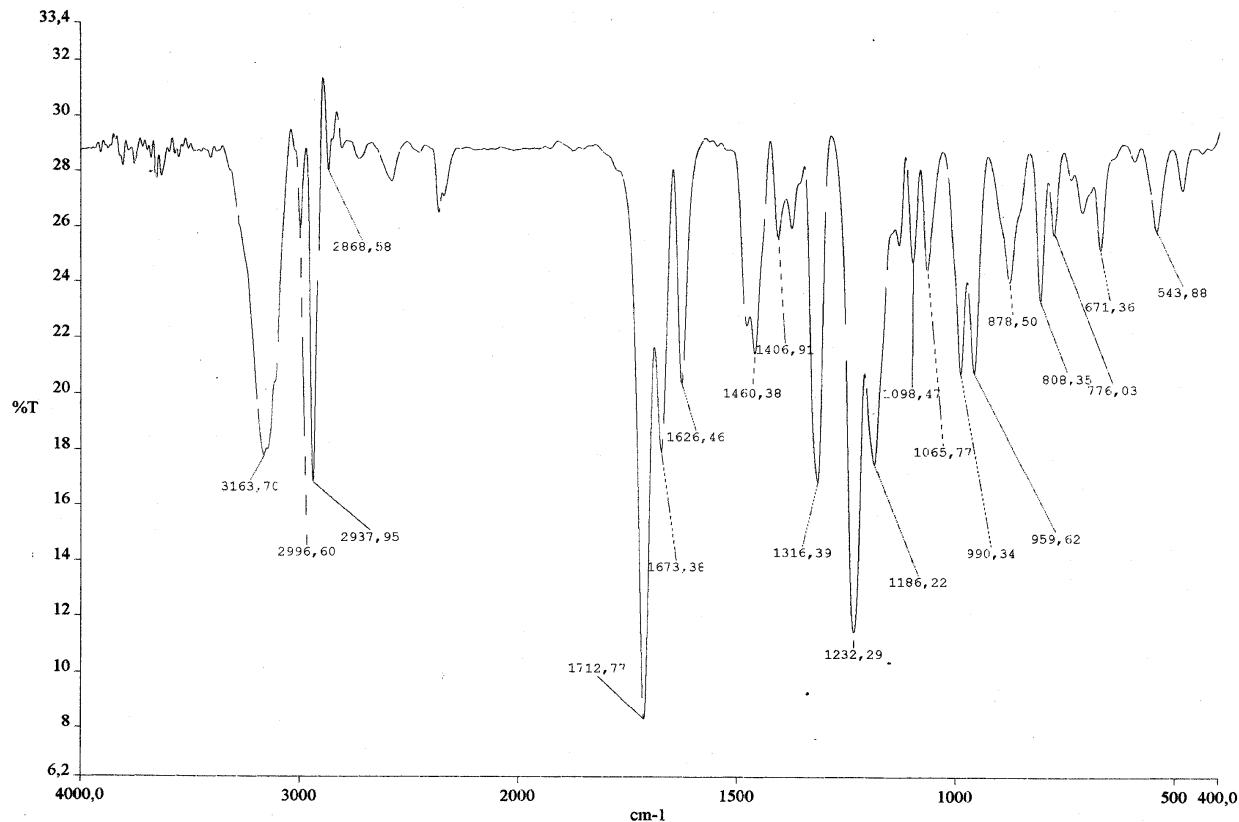


Figure S10. IR (film) of 2

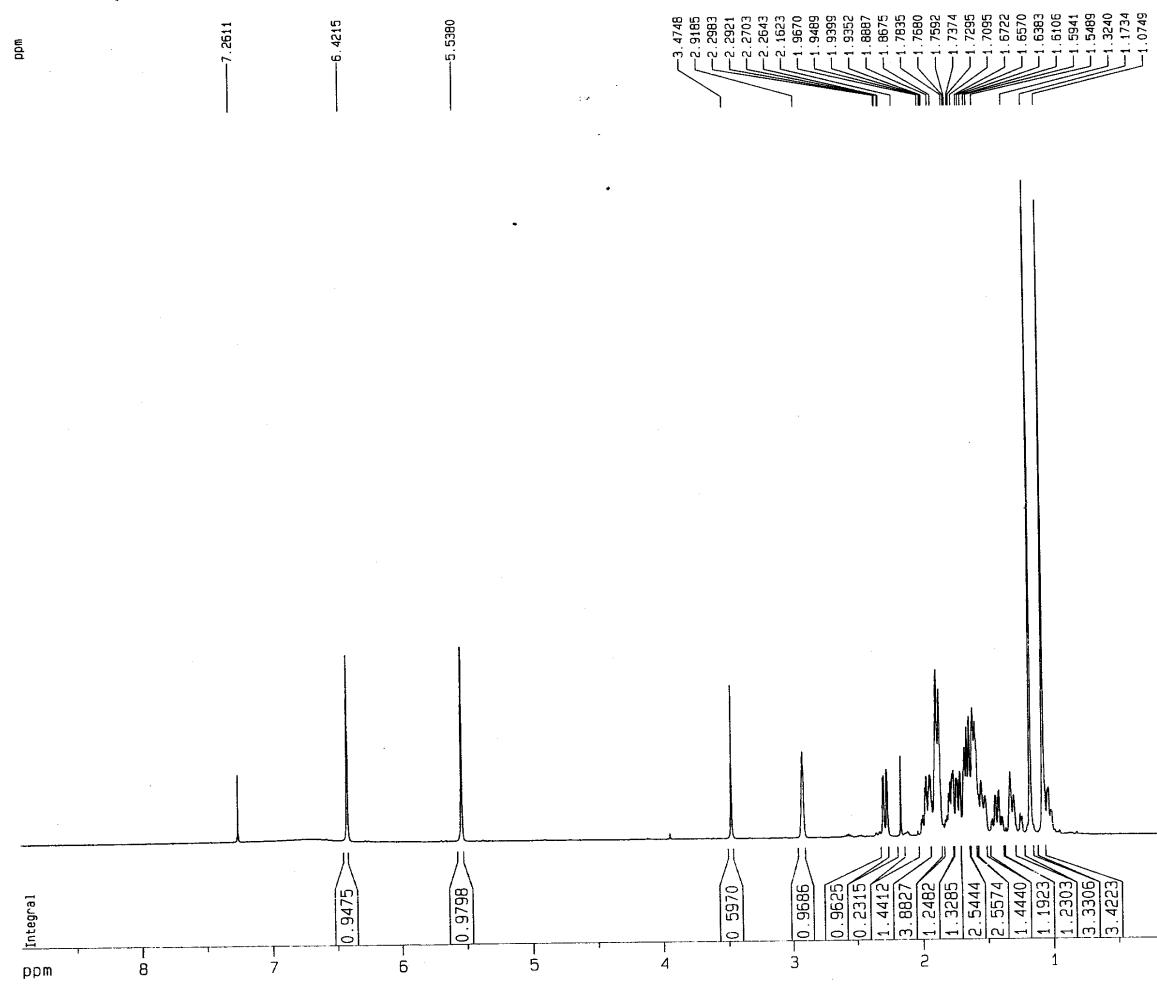


Figure S11. ^1H NMR spectrum (500 MHz, CDCl_3) of **2**

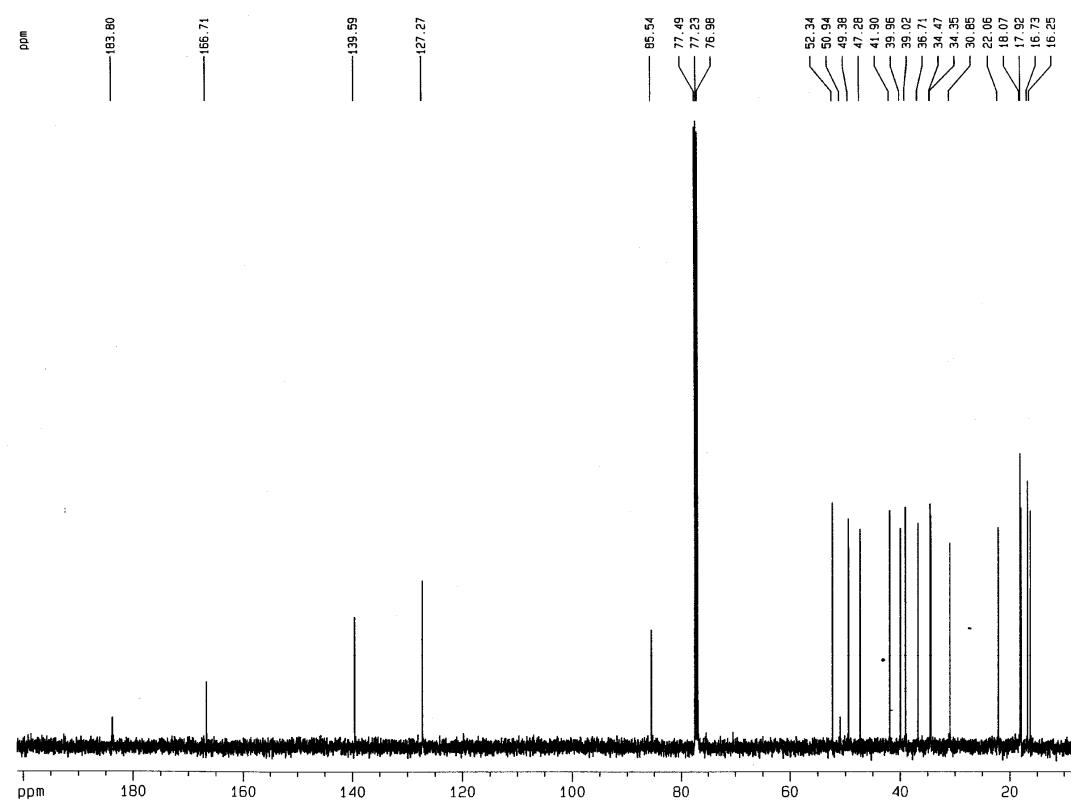


Figure S12. ^{13}C -BB NMR spectrum (125 MHz, CDCl_3) of 2

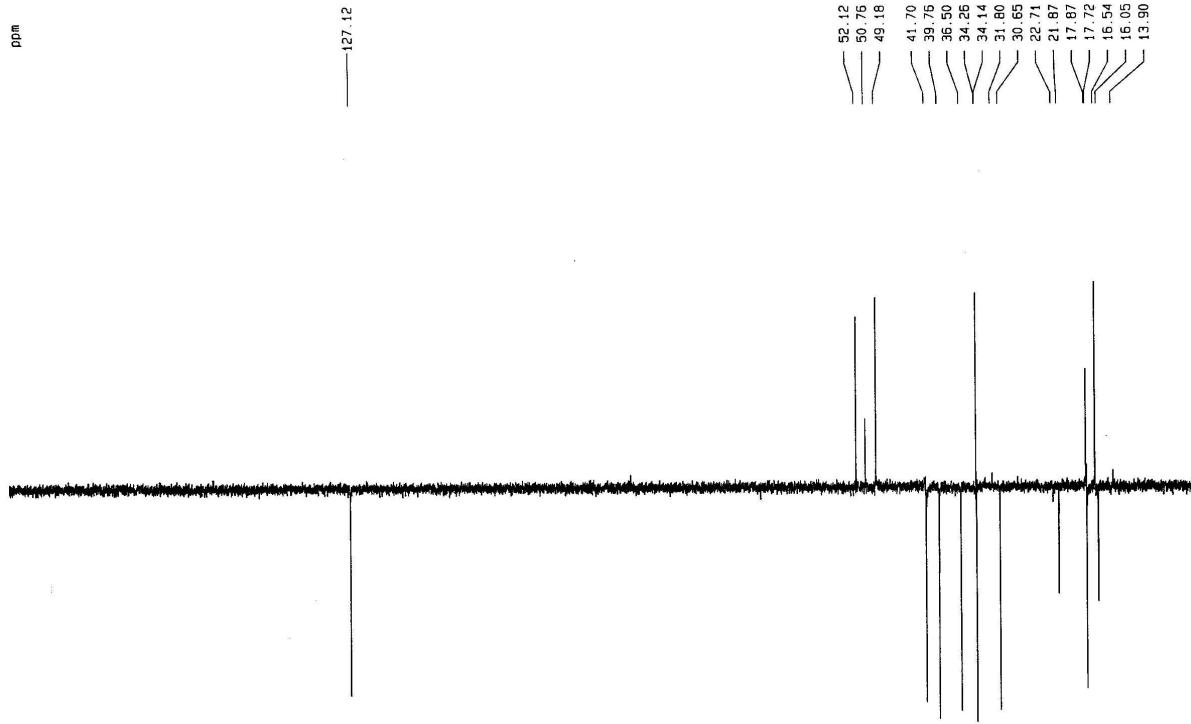


Figure S13. ^{13}C -DEPT 135° NMR spectrum (125 MHz, CDCl_3) of 2

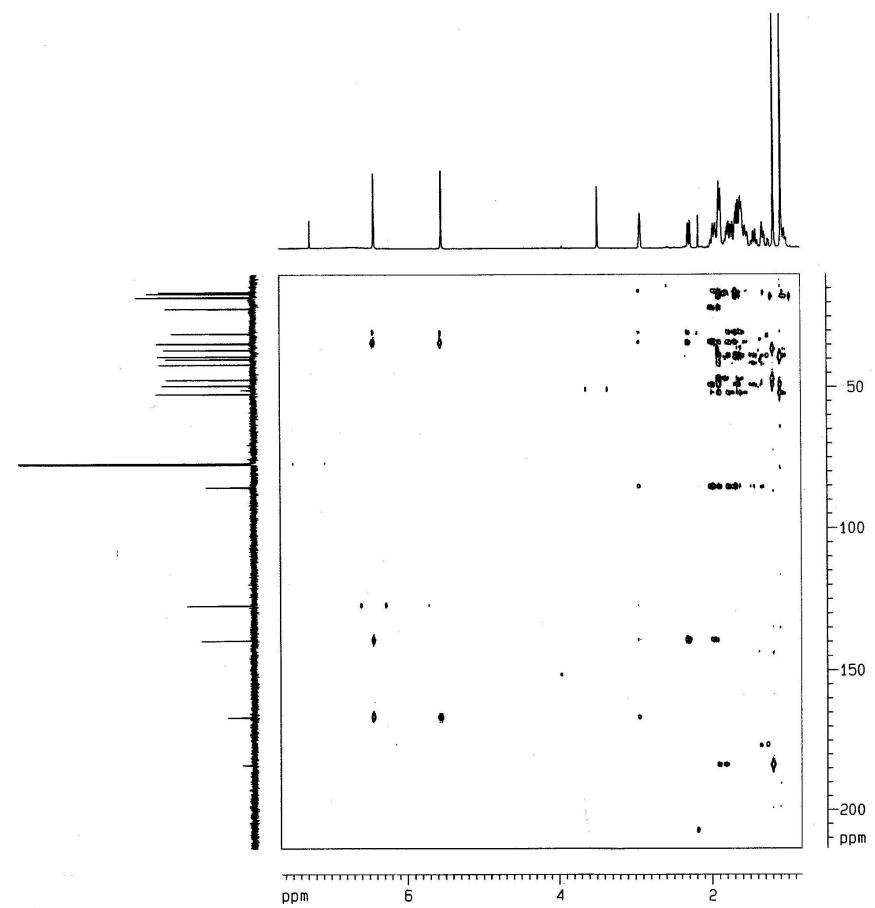


Figure S14. HMBC NMR spectrum (500 MHz, CDCl_3) of 2

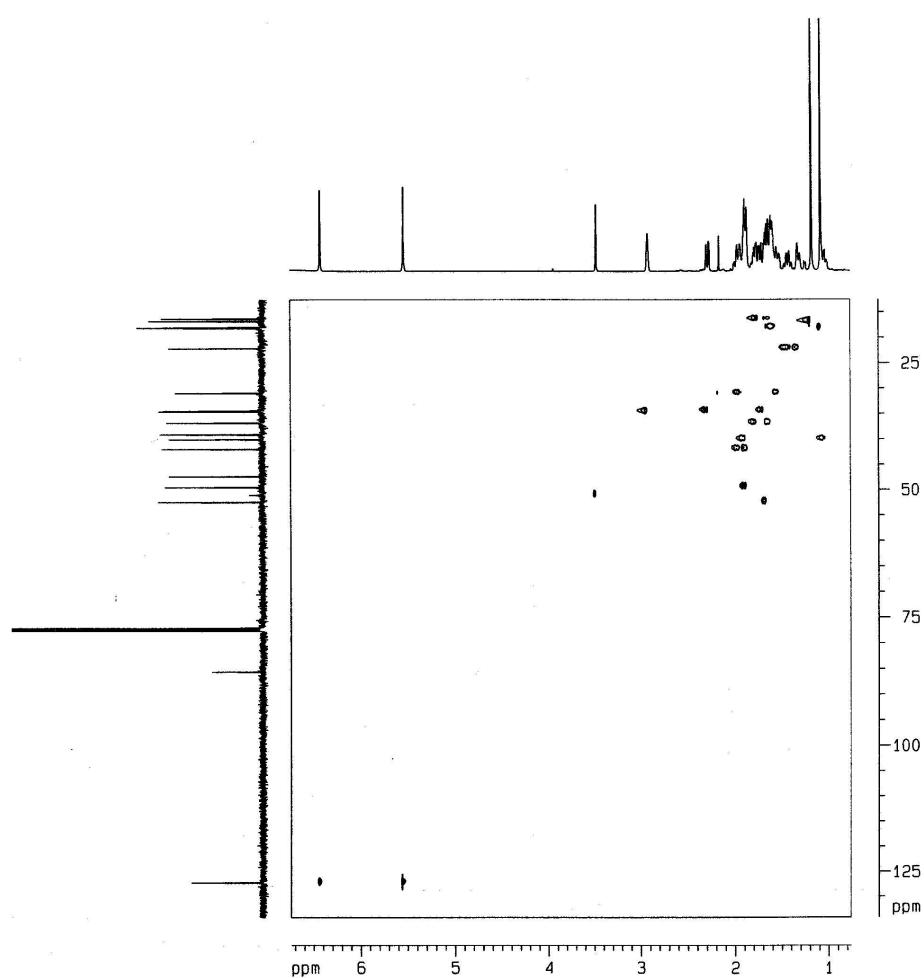


Figure S15. HMQC NMR spectrum (500 MHz, CDCl_3) of **2**

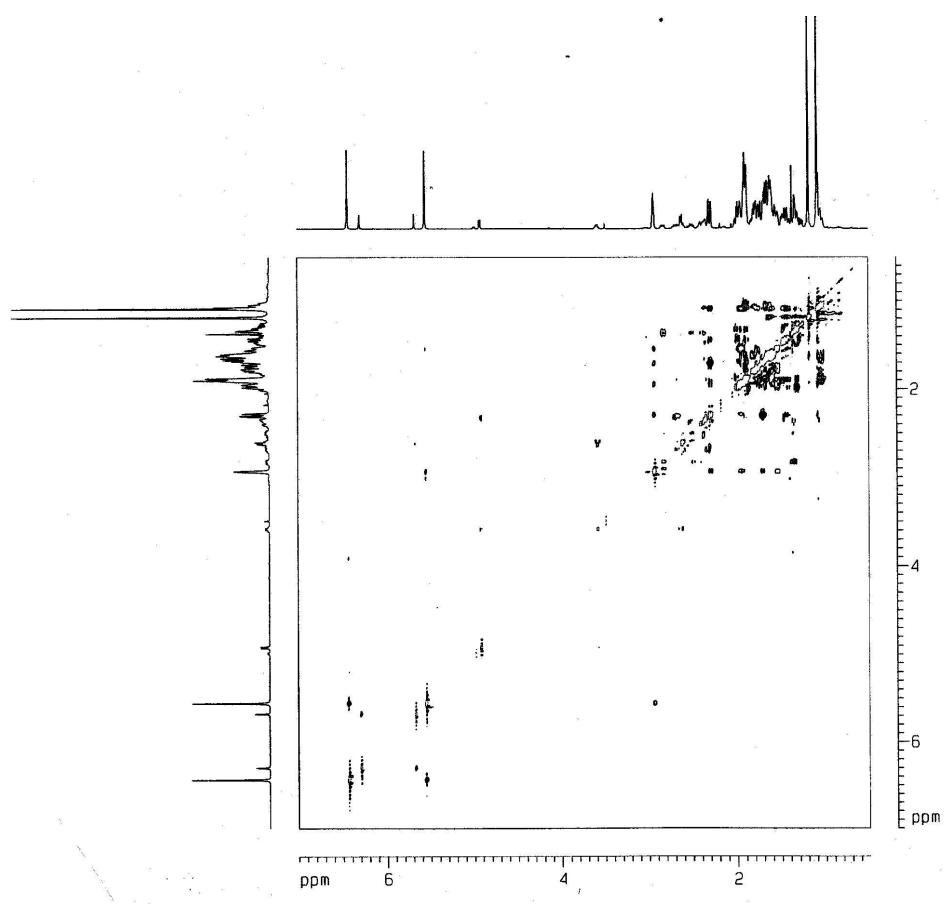
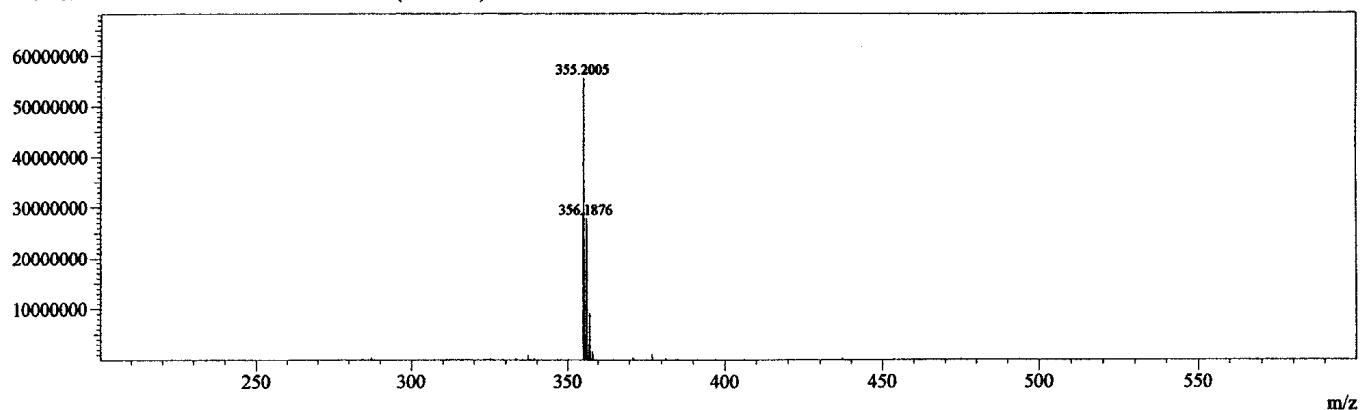


Figure S16. NOESY NMR spectrum (500 MHz, CDCl_3) of 2

MSMS: Precursor m/z ----- /+ Base Peak 355.20(55537777)



MSMS: Precursor m/z ----- /- Base Peak 331.20(41193873)

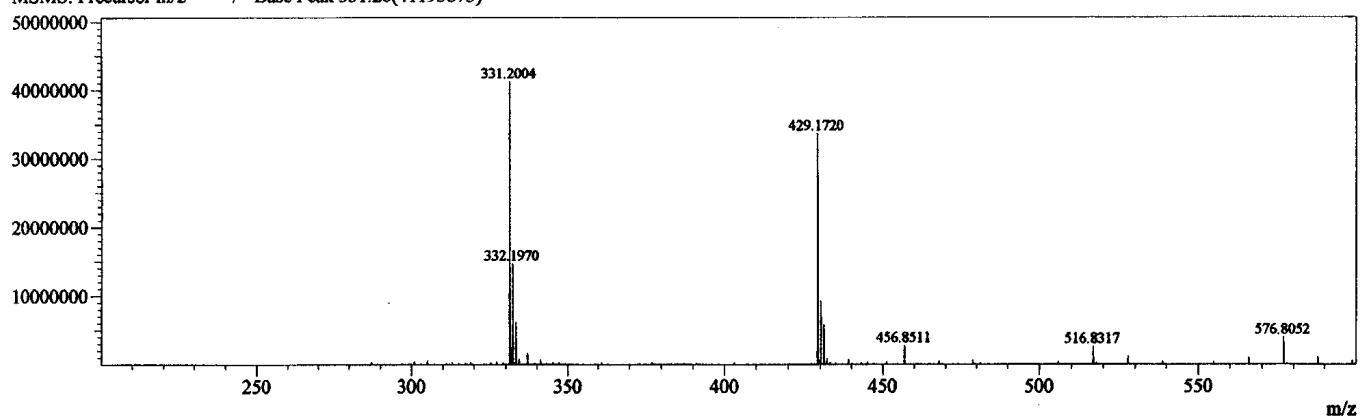


Figure S17. HRESIMS spectrum of 2

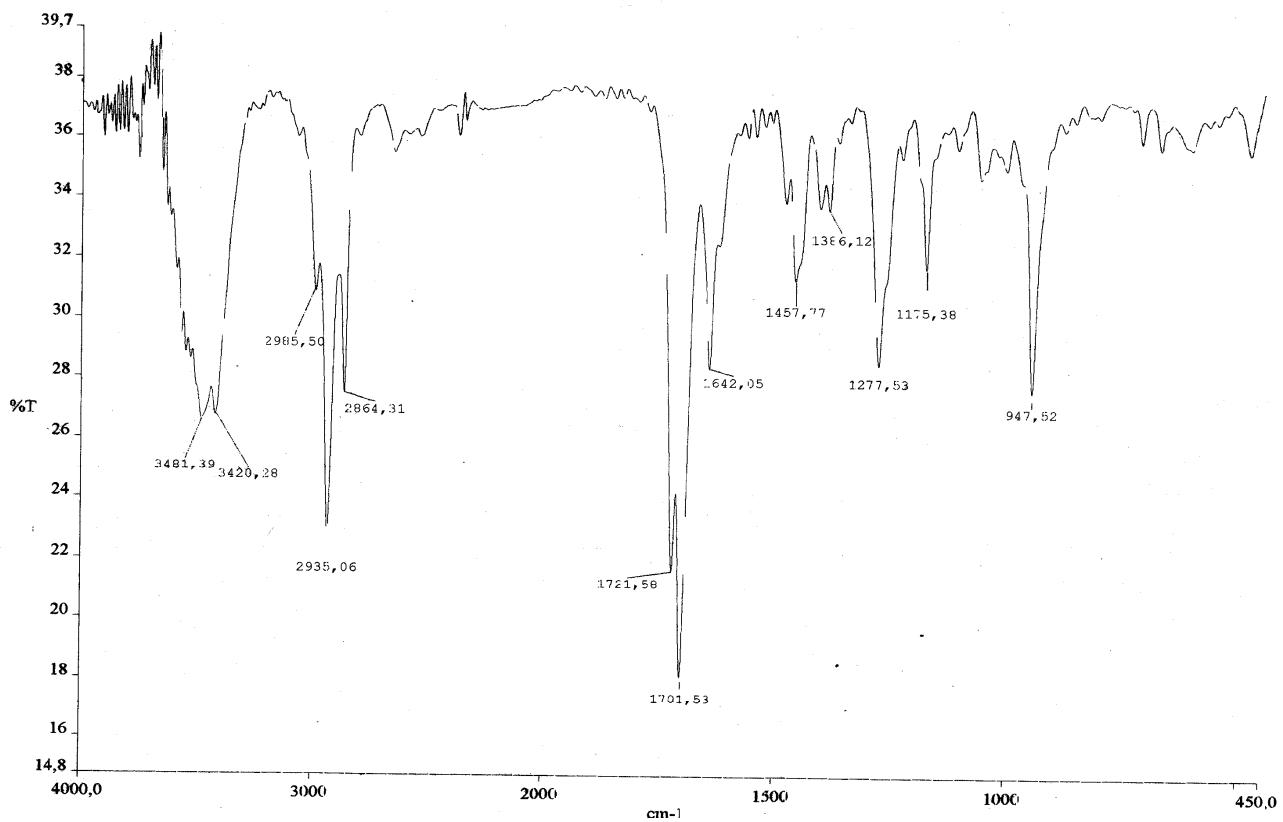


Figure S18. IR (film) of **3**

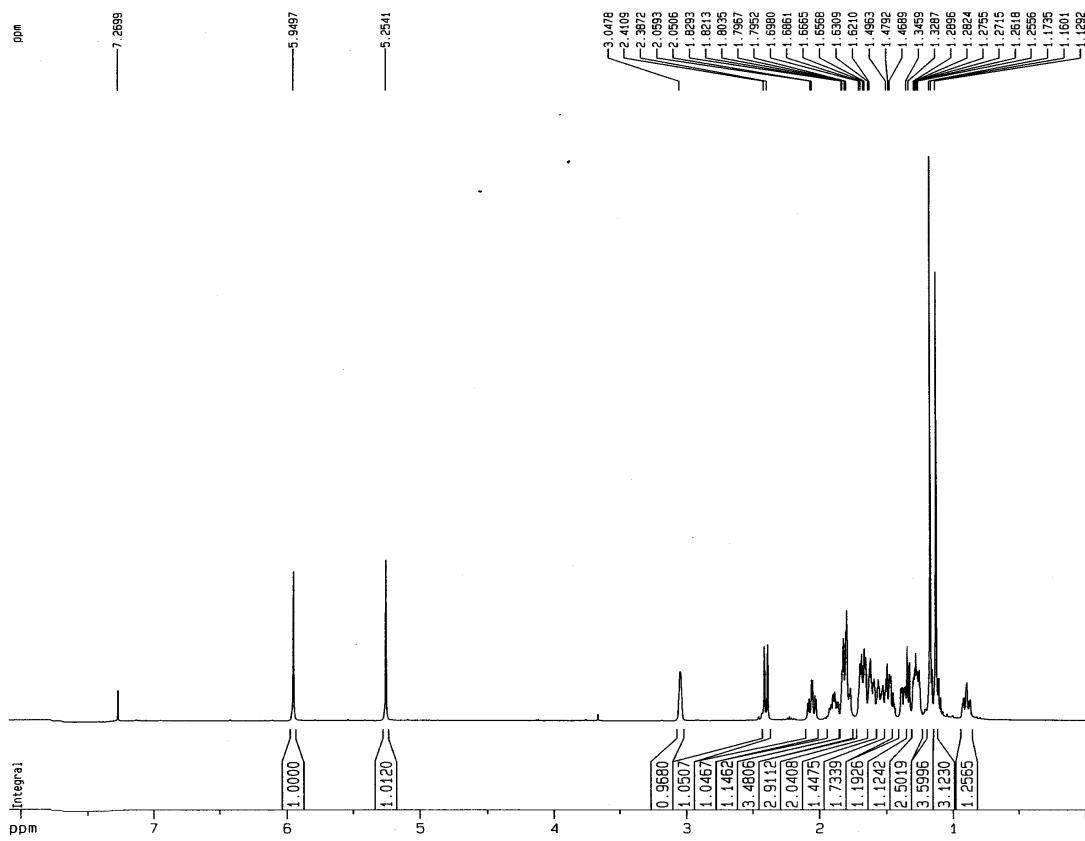


Figure S19. ^1H NMR spectrum (500 MHz, CDCl_3) of 3

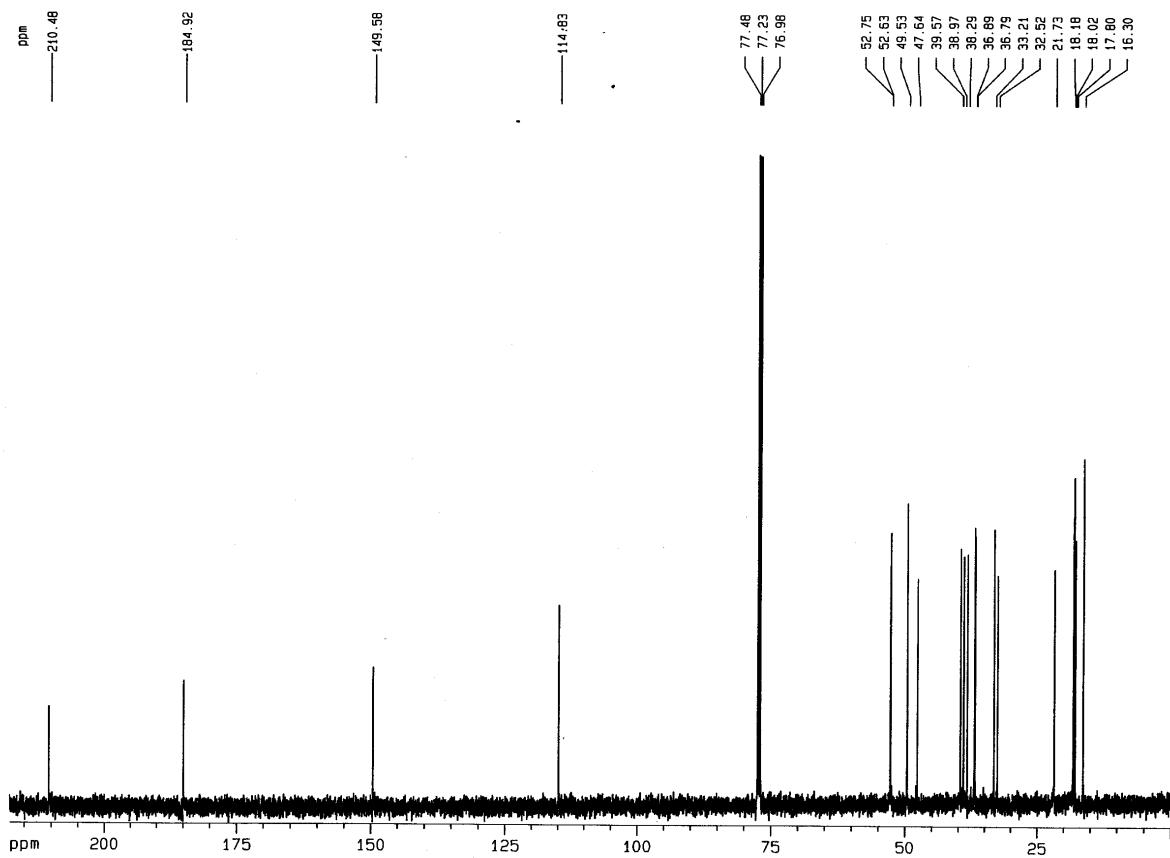


Figure S20. ^{13}C -BB NMR spectrum (125 MHz, CDCl_3) of 3

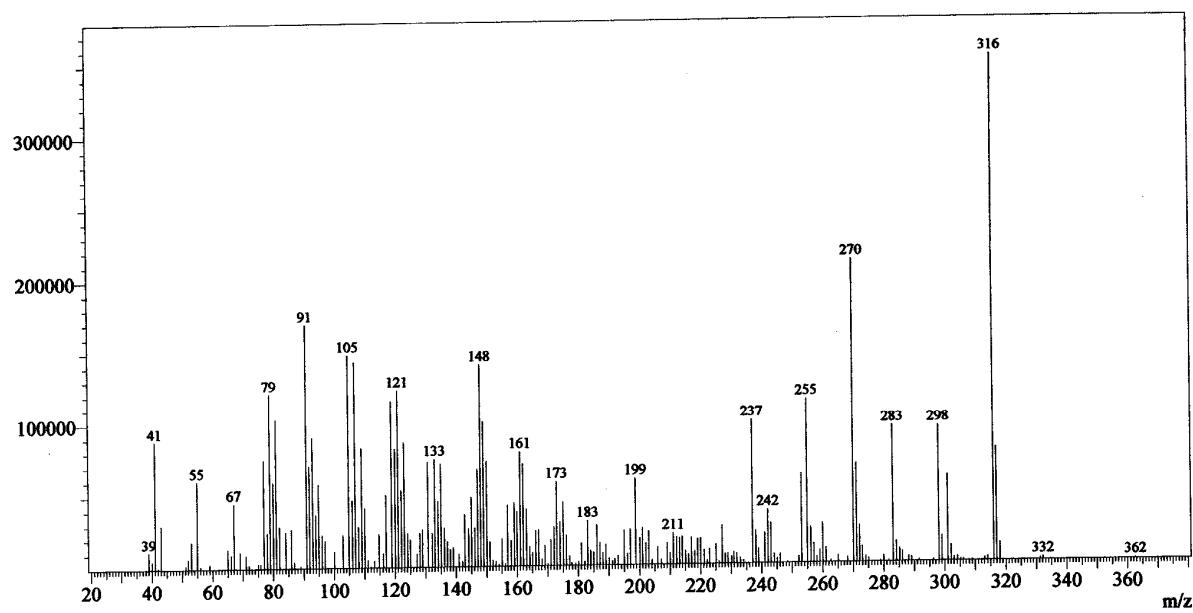


Figure S21. LREIMS spectrum of 3