

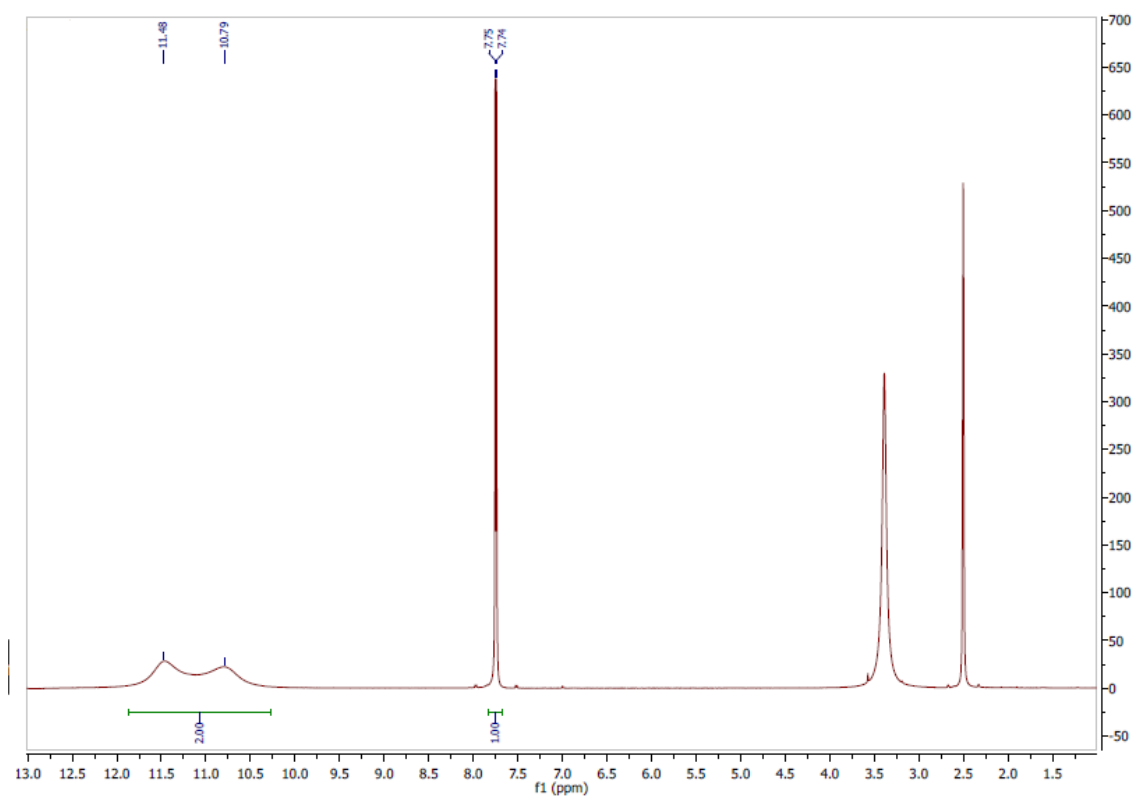


Figura A1. Espectro RMN ^1H en DMSO- d_6 del 5-FU.

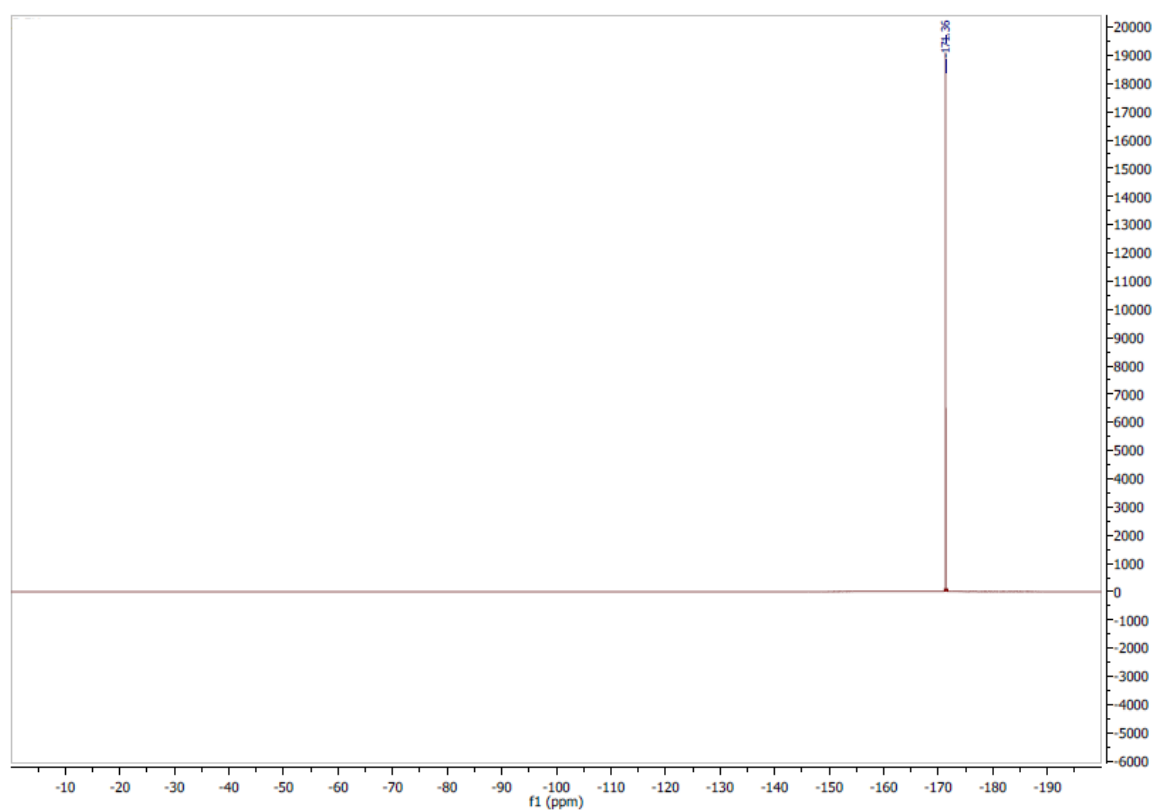


Figura A2. Espectro RMN $^{19}\text{F}\{^1\text{H}\}$ en DMSO- d_6 del 5-FU.

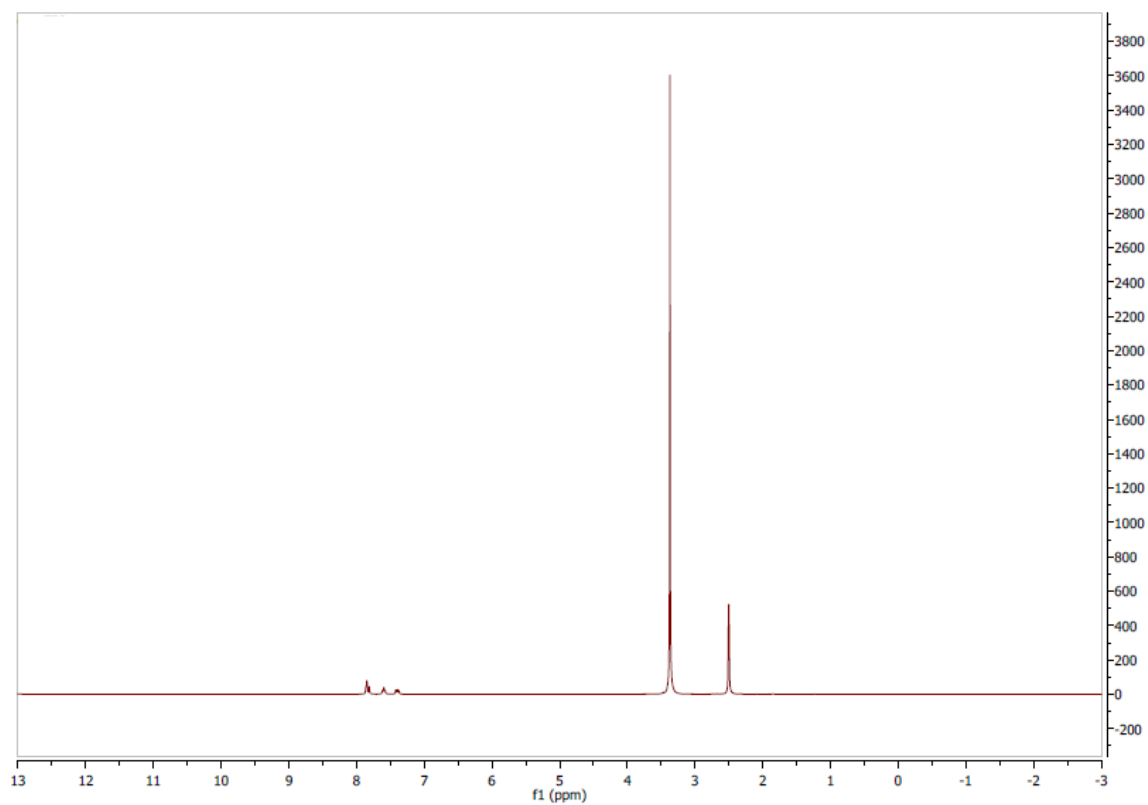


Figura A3. Espectro RMN ^1H en DMSO- d_6 del $[\text{AuCl}(\text{TPPTS})]$.

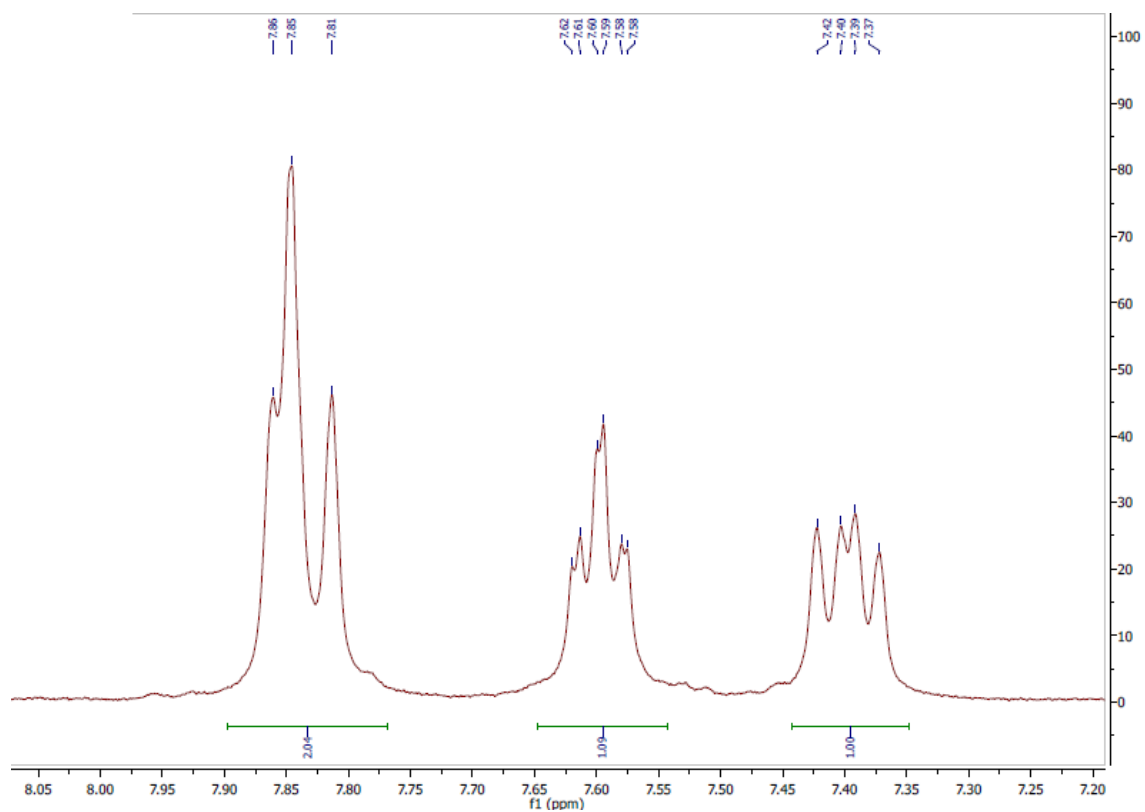


Figura A4. Zoom del espectro RMN ^1H en DMSO- d_6 del $[\text{AuCl}(\text{TPPTS})]$.

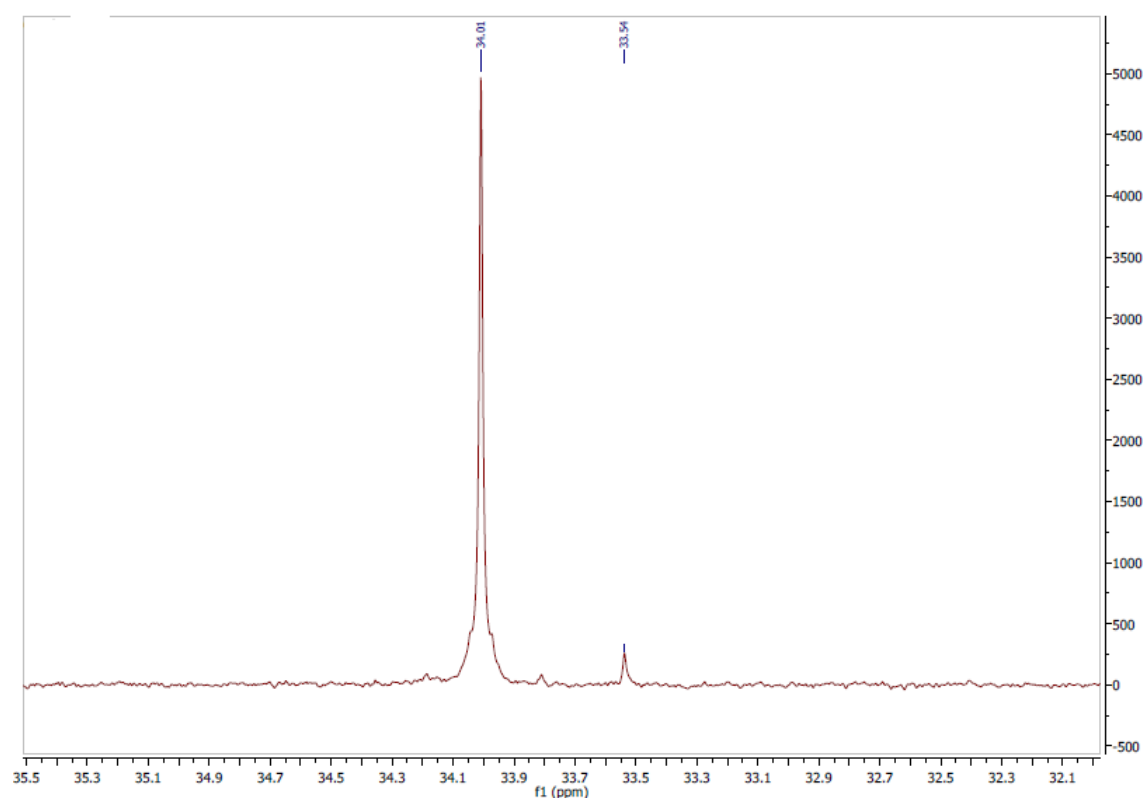


Figura A5. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en DMSO-d₆ del [AuCl(TPPTS)].

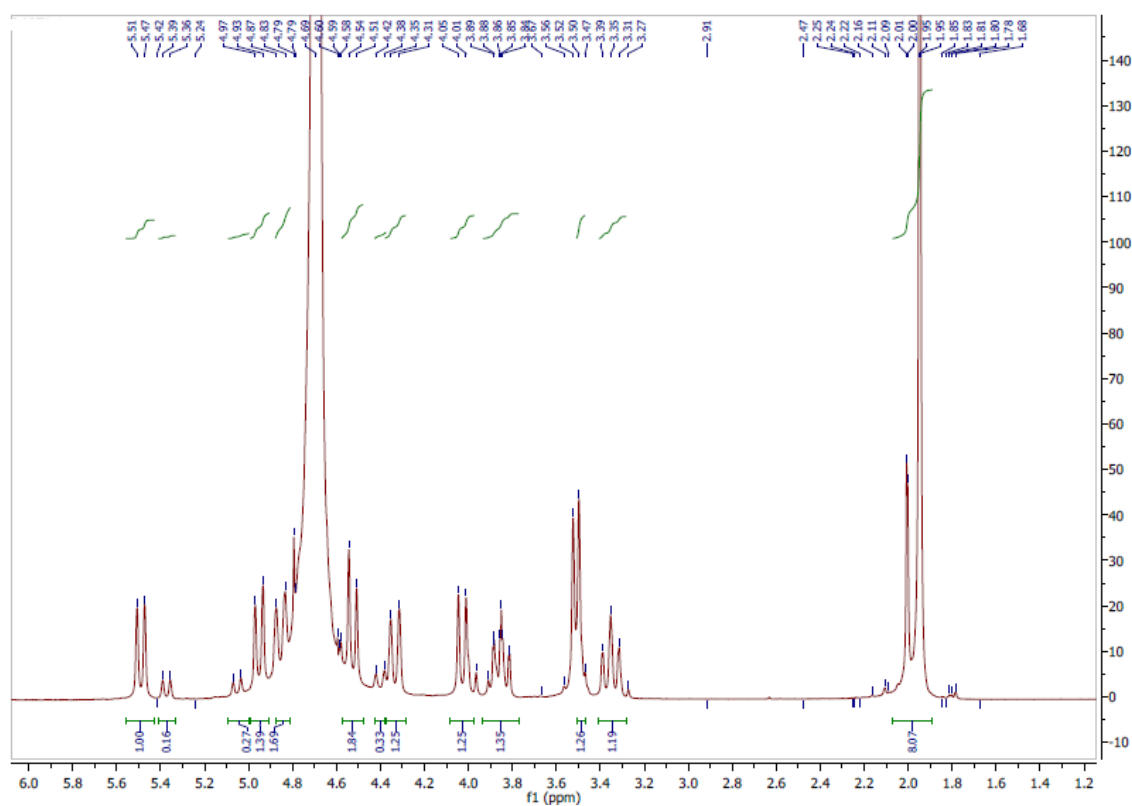


Figura A6. Espectro RMN ^1H en D₂O de DAPTA.

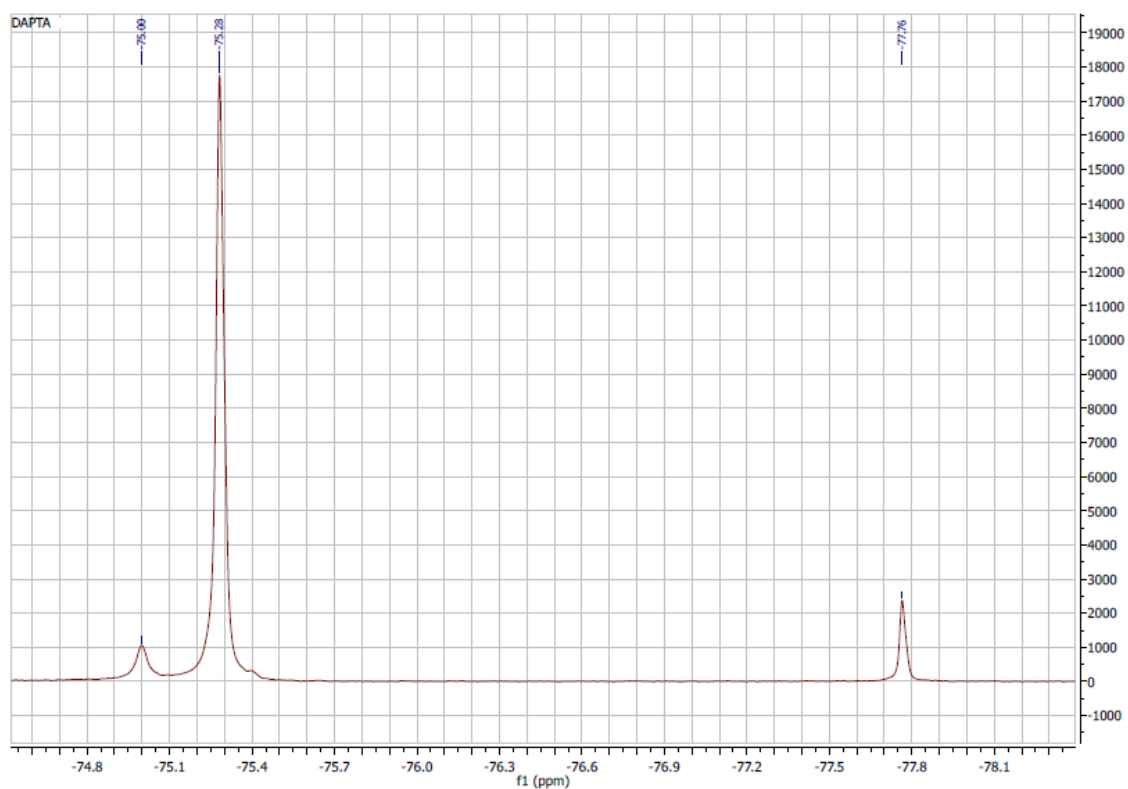


Figura A7. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en D_2O de DAPTA.

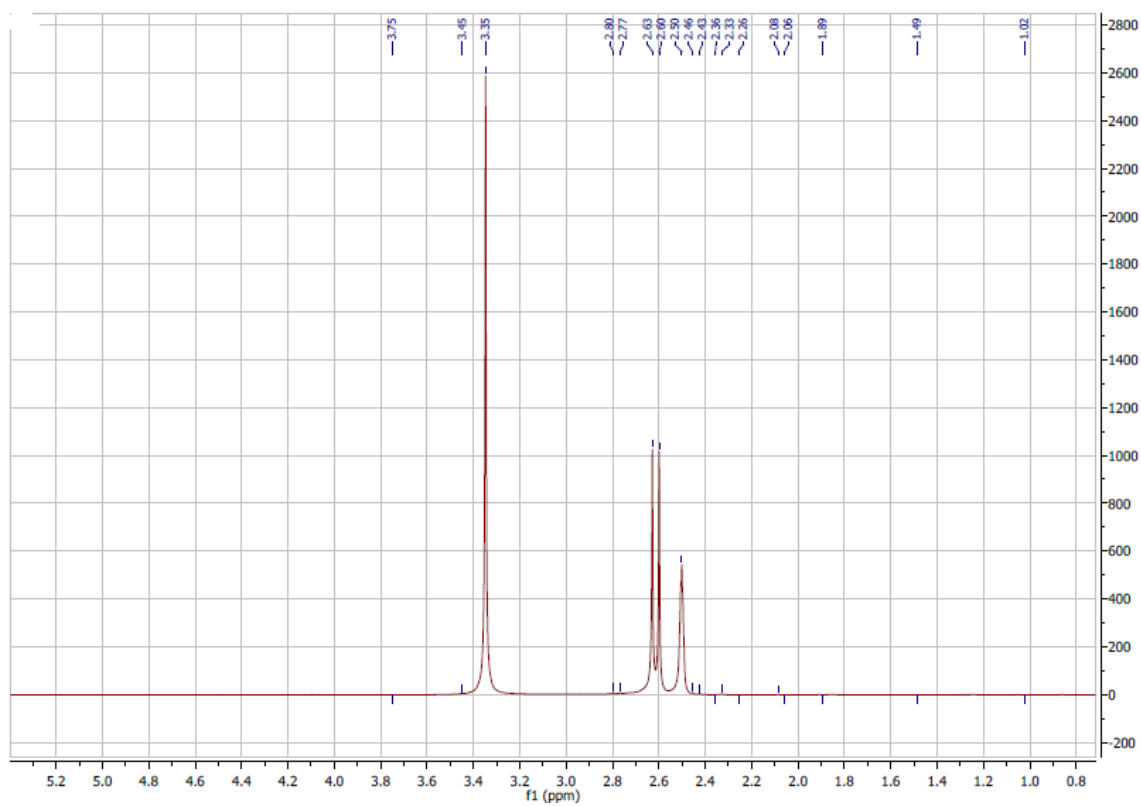


Figura A8. Espectro RMN ^1H en DMSO-d_6 de $[\text{AuCl}(\text{HMPT})]$.

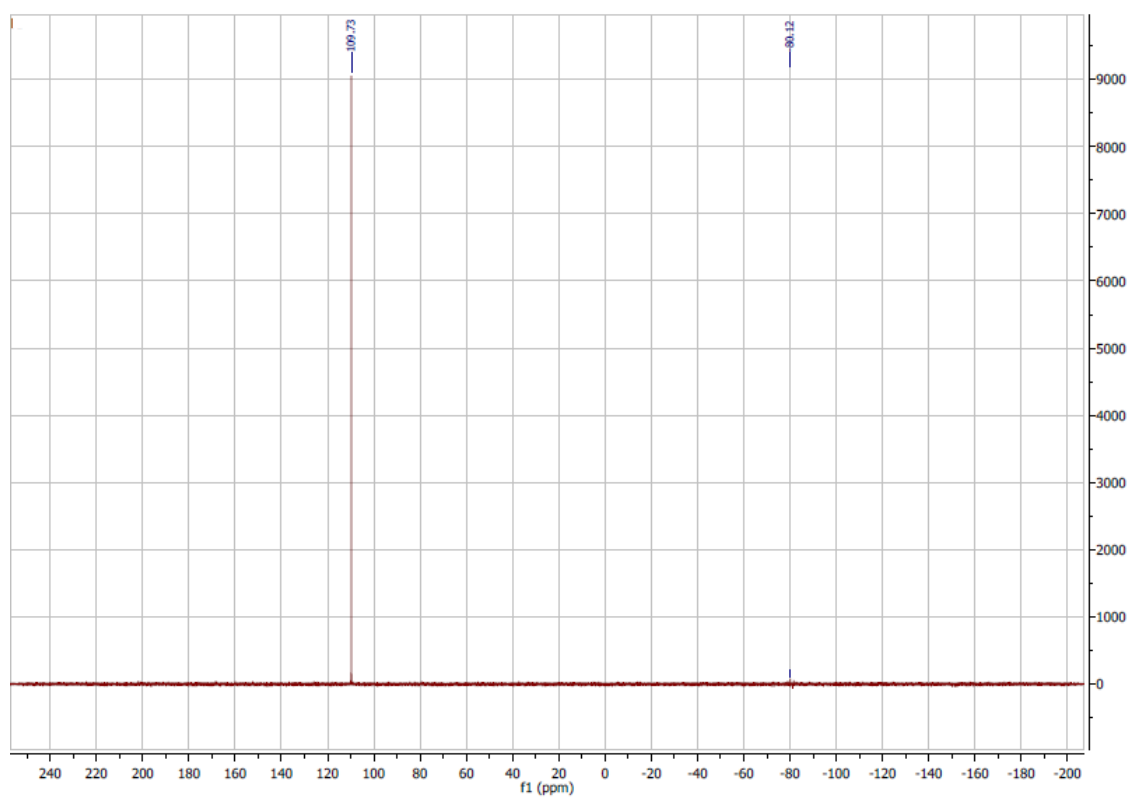


Figura A9. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en DMSO- d_6 de $[\text{AuCl}(\text{HMPT})]$.

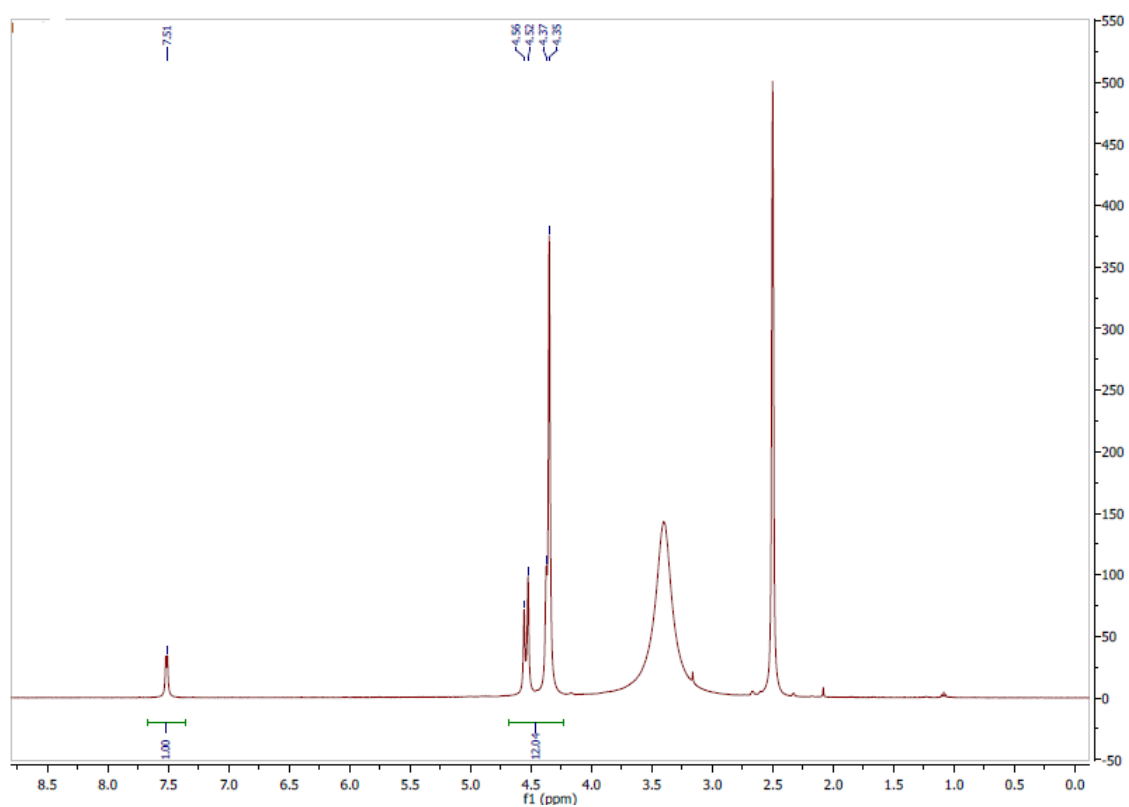


Figura A10. Espectro RMN ^1H en DMSO- d_6 de **1**.

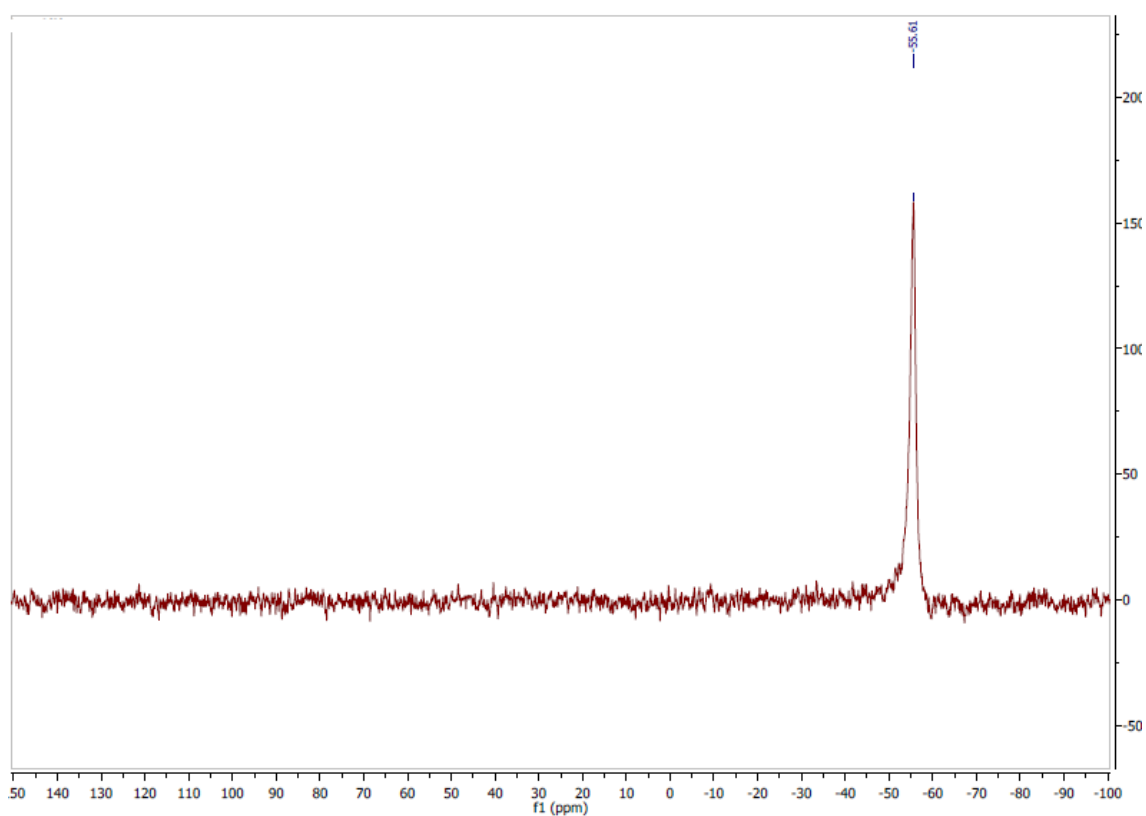


Figura A11. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en DMSO- d_6 de **1**.

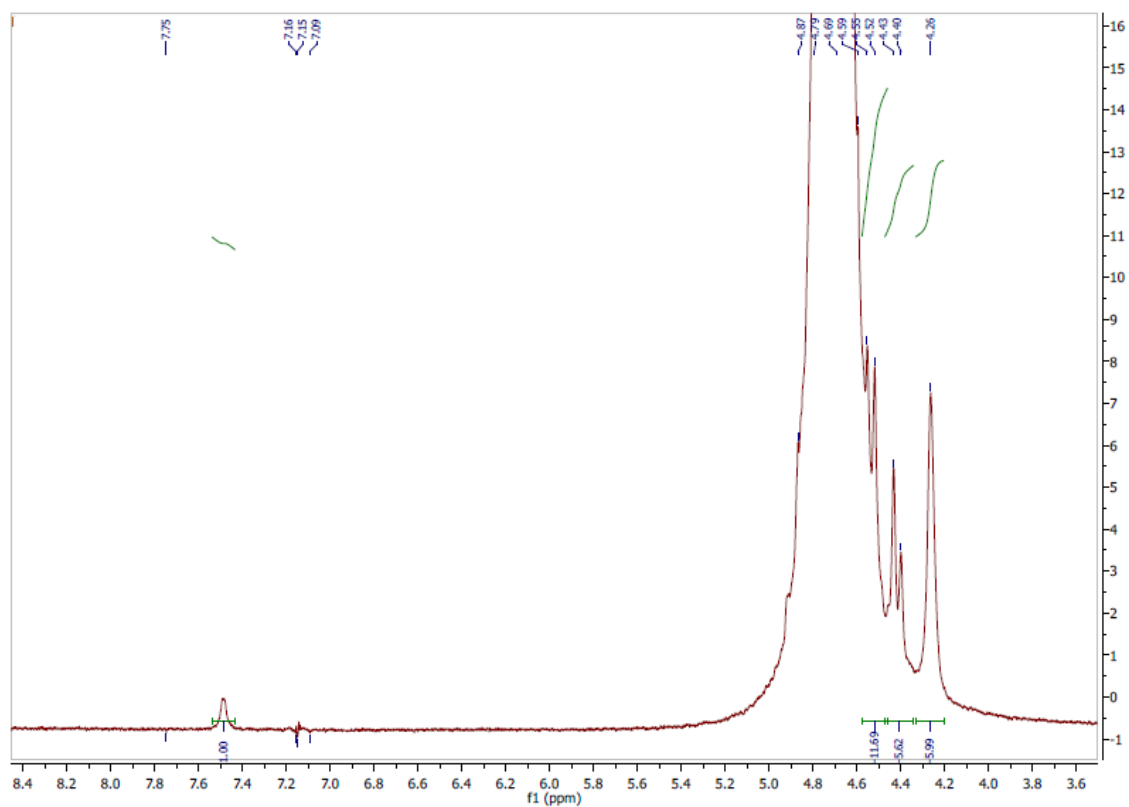


Figura A12. Espectro RMN ^1H en D_2O de **2**.

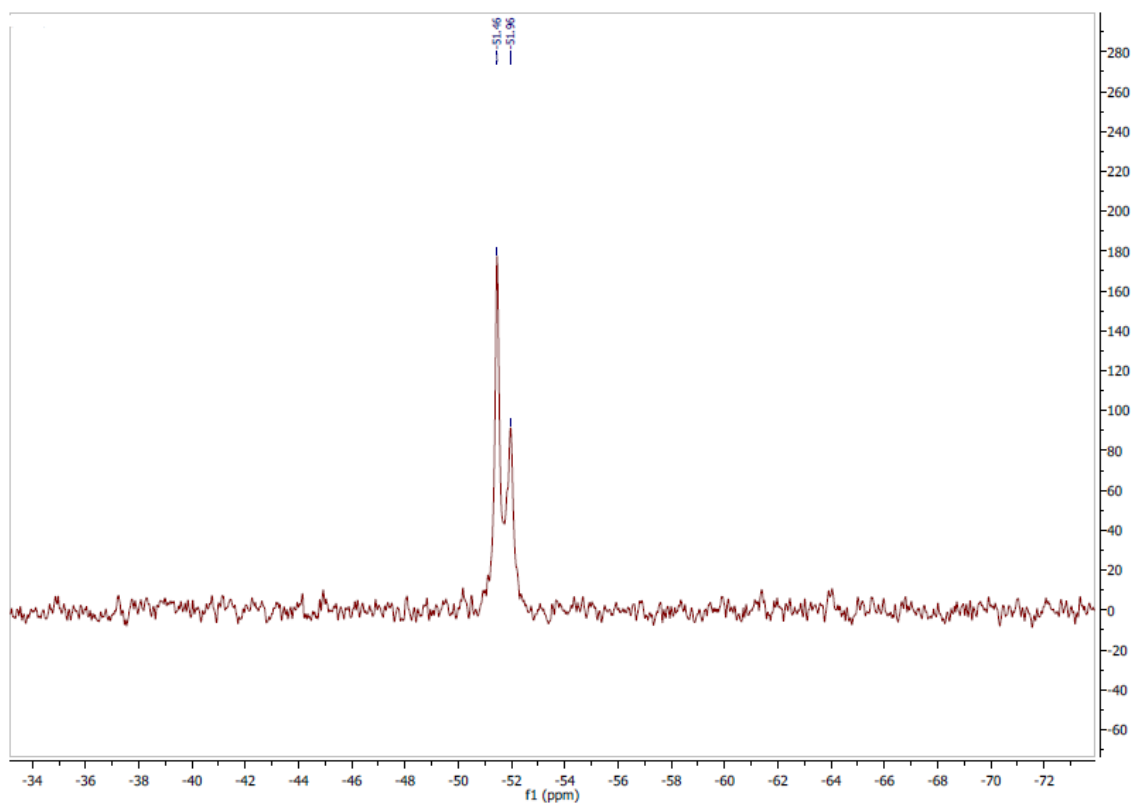


Figura A13. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en D_2O de **2**.

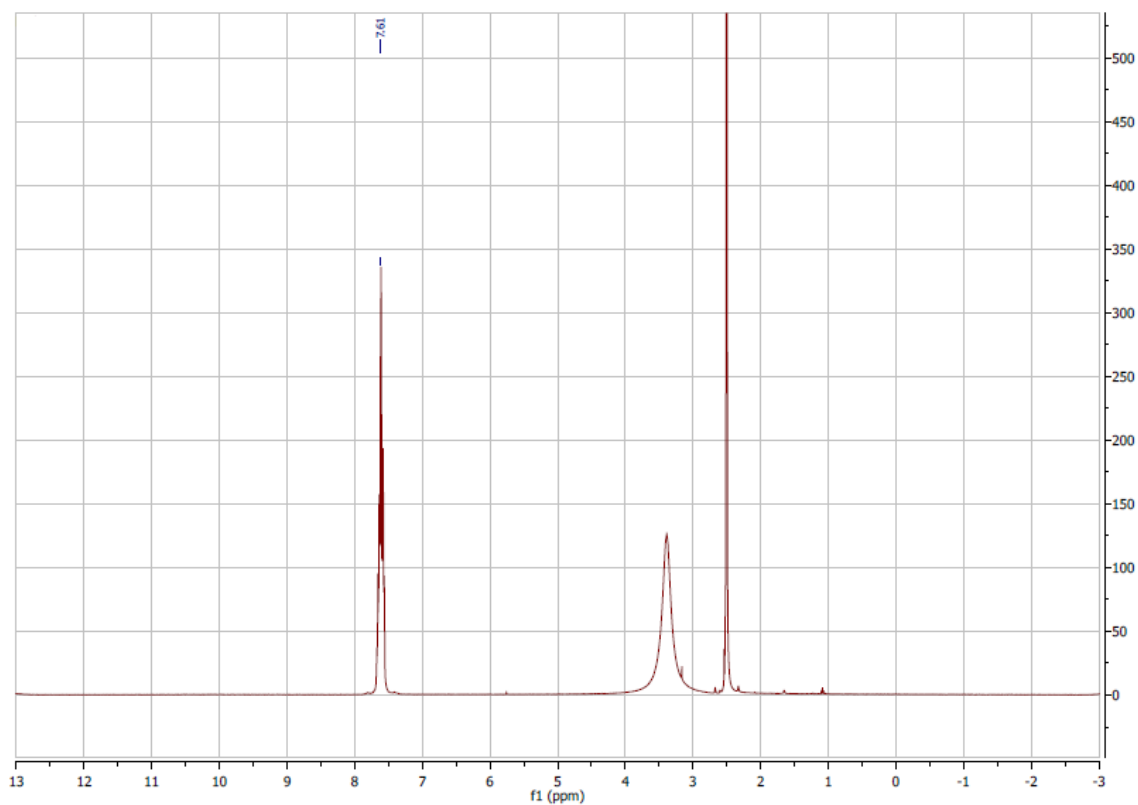


Figura A14. Espectro RMN ^1H en $\text{DMSO}-d_6$ de **3**.

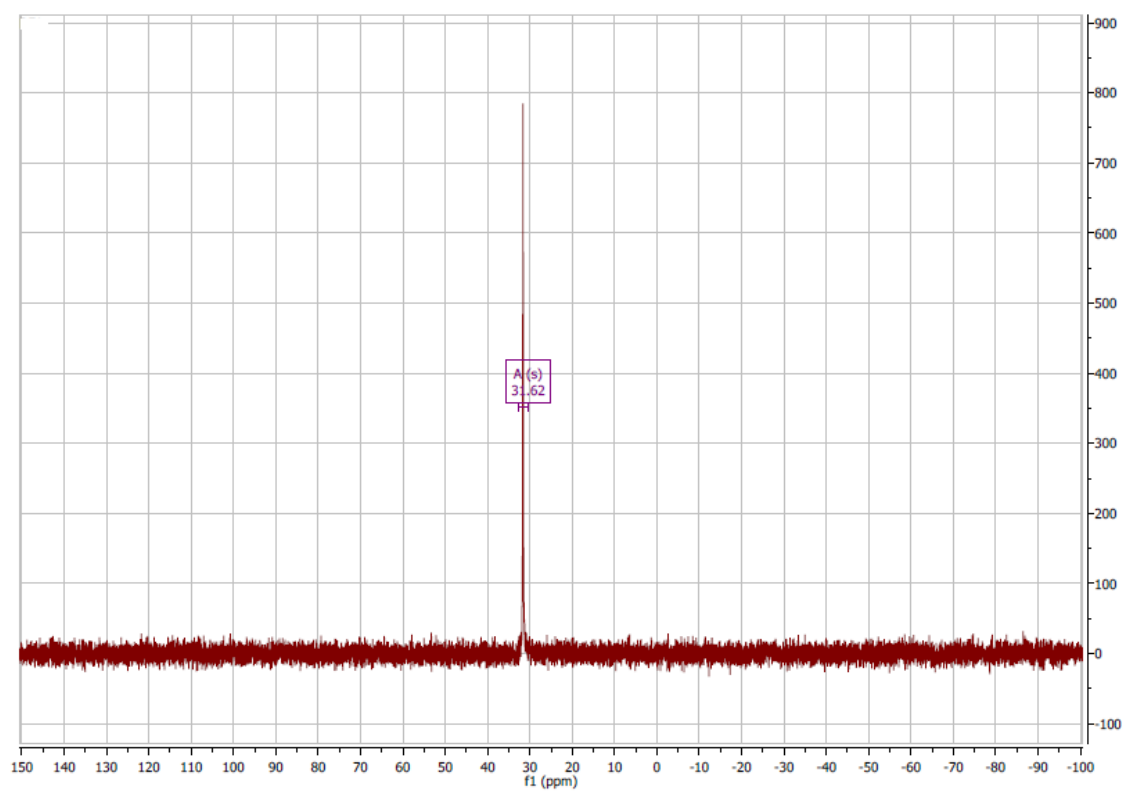


Figura A15. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en DMSO- d_6 de **3**.

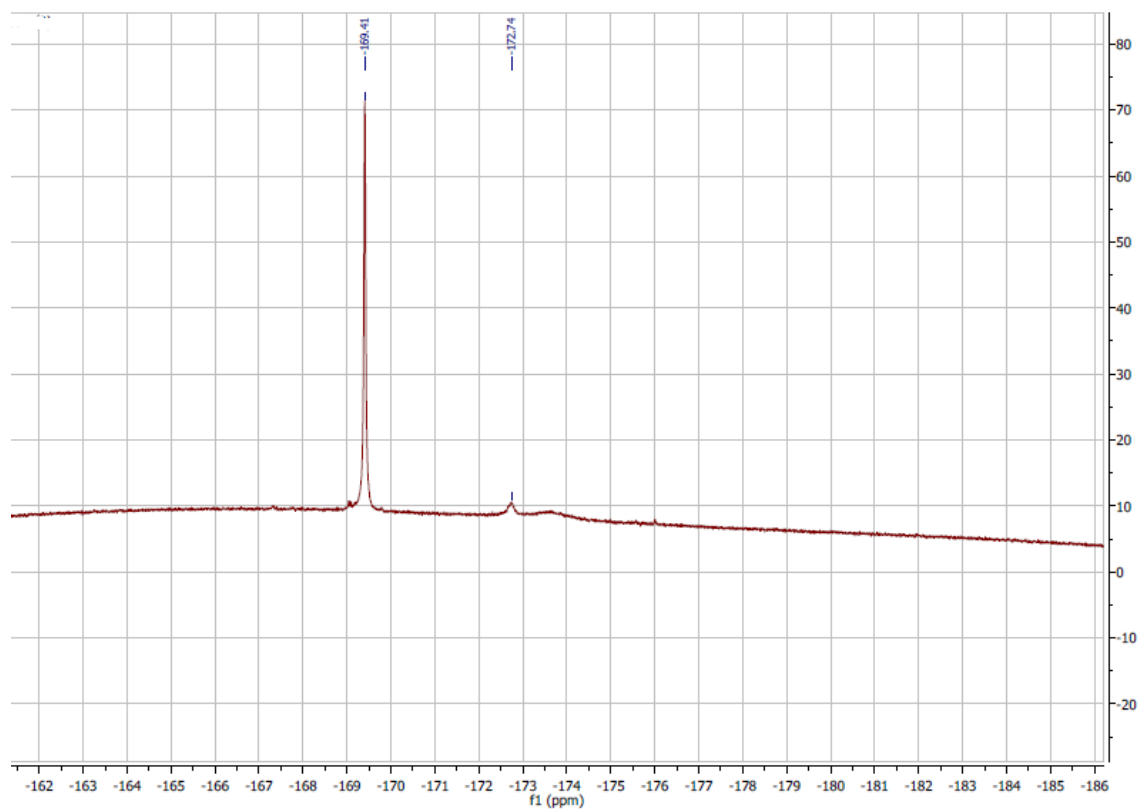


Figura A16. Espectro RMN $^{19}\text{F}\{^1\text{H}\}$ en DMSO- d_6 de **3**.

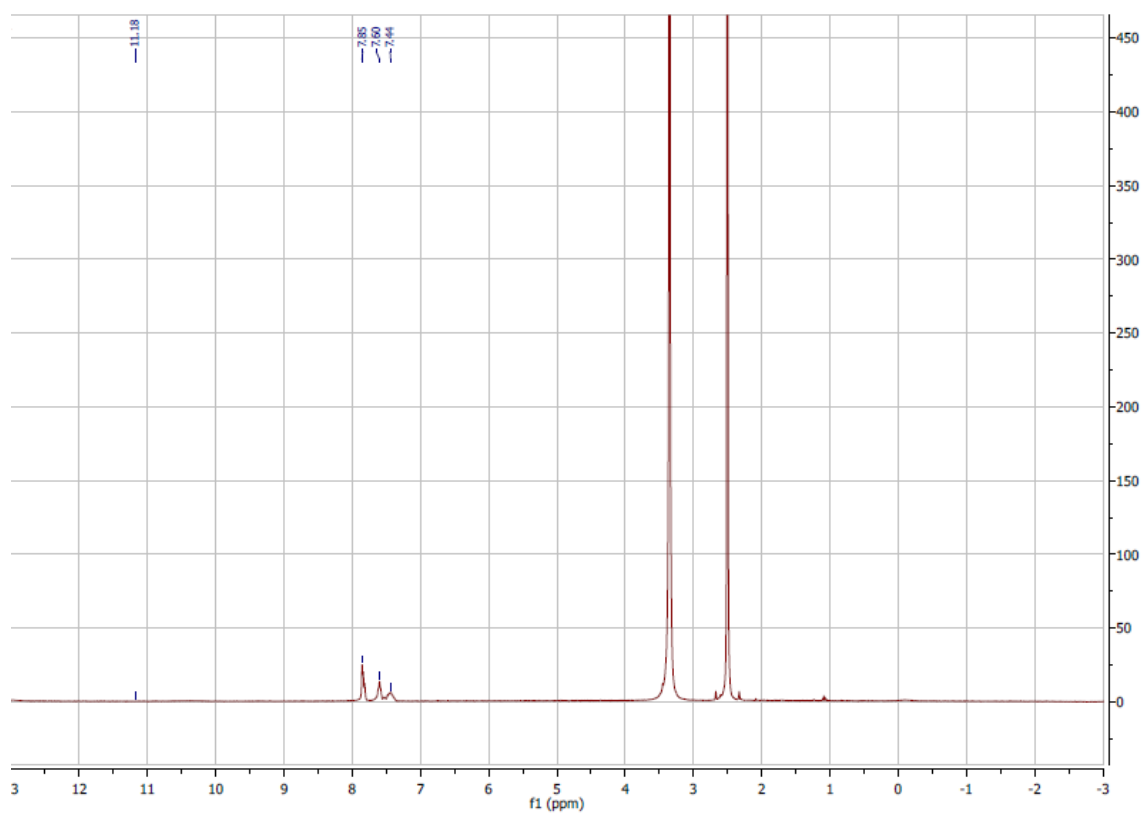


Figura A17. Espectro RMN ^1H en DMSO-d_6 de **4**.

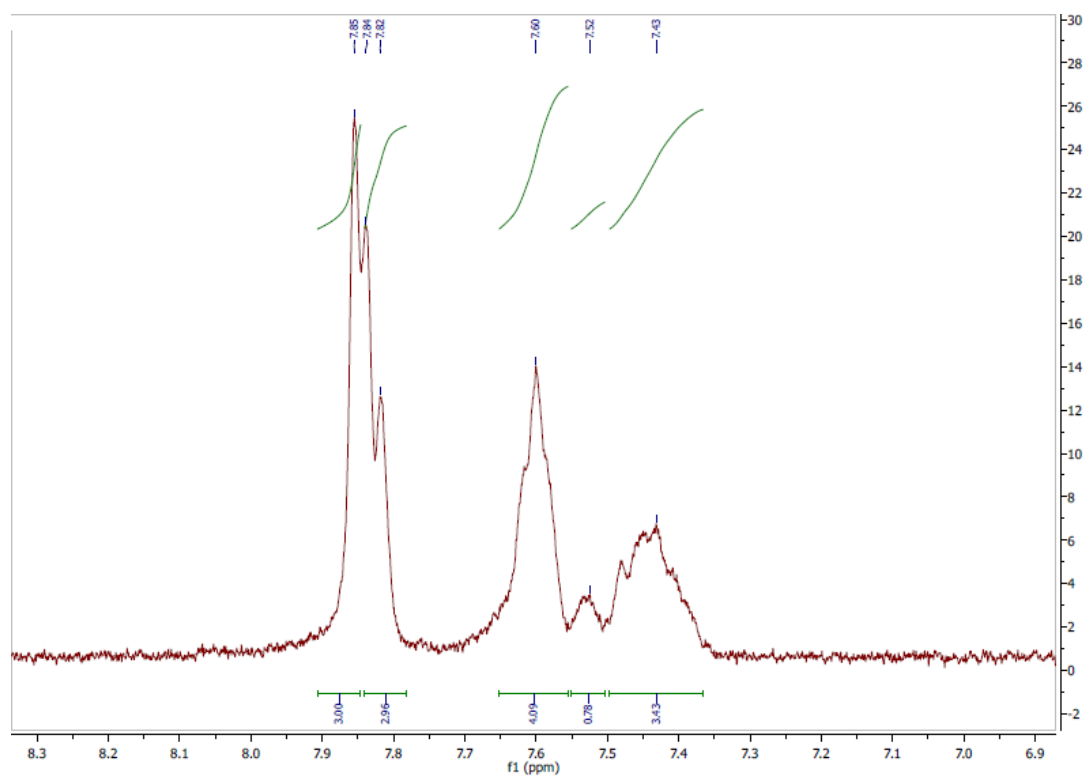


Figura A18. Zoom del espectro RMN ^1H en DMSO-d_6 de **4**.

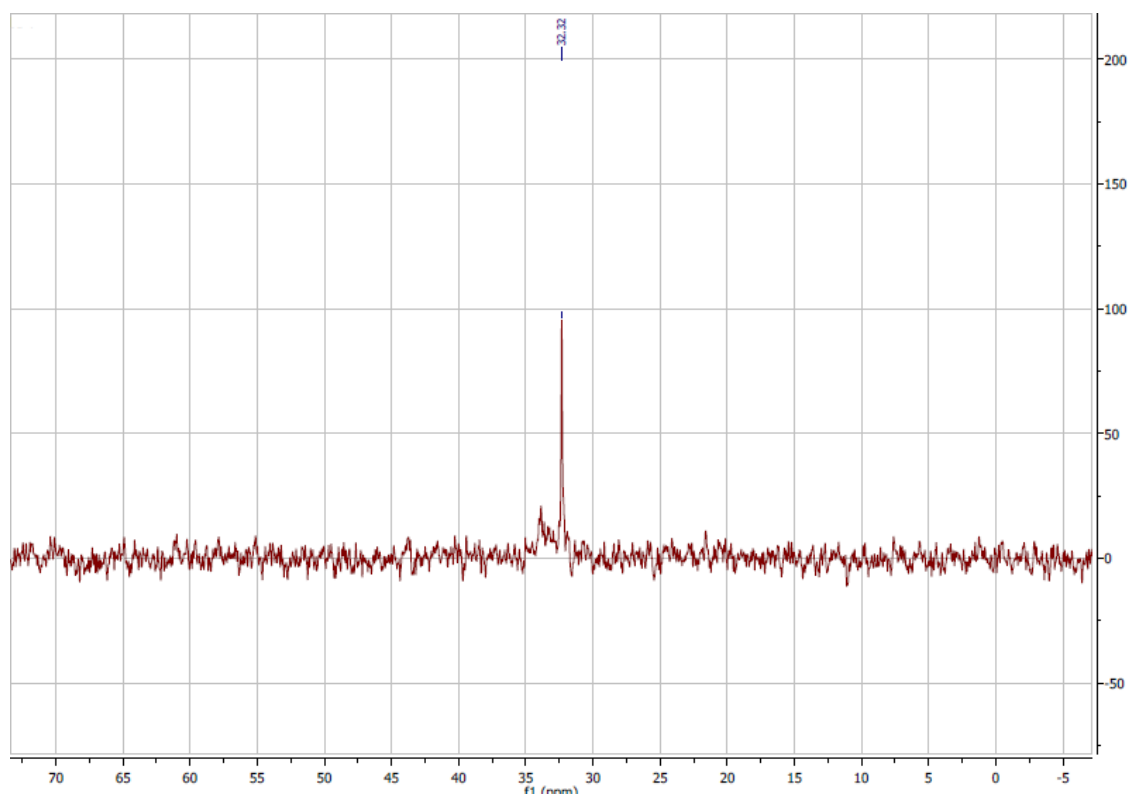


Figura A19. Espectro RMN $^{31}\text{P}\{^1\text{H}\}$ en DMSO- d_6 de **4**.

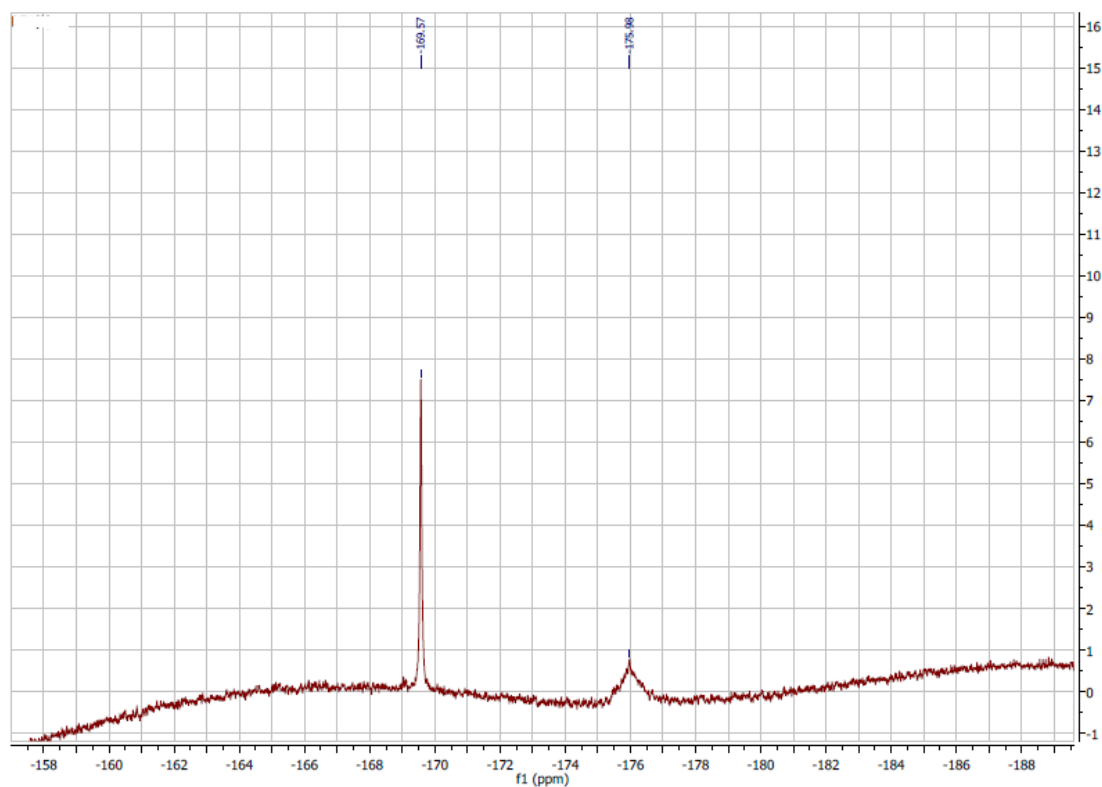


Figura A20. Espectro RMN $^{19}\text{F}\{^1\text{H}\}$ en DMSO- d_6 de **4**.

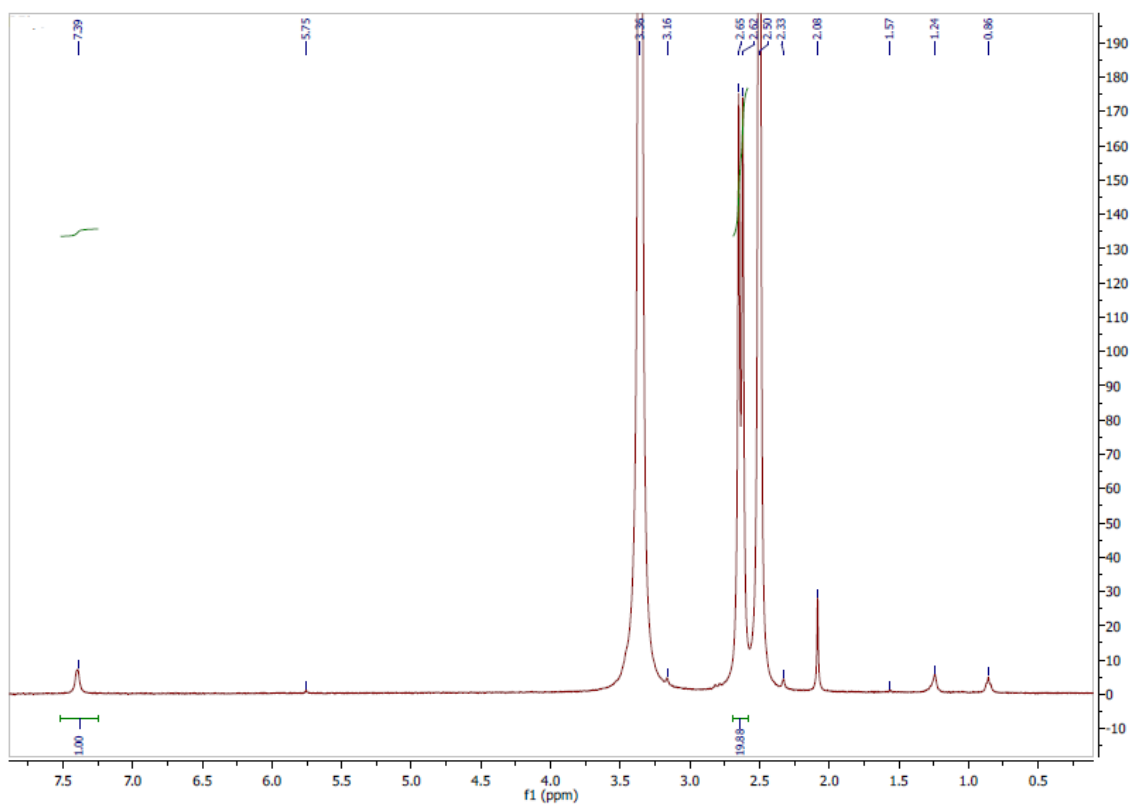


Figura A21. Espectro RMN ¹H en DMSO-d₆ de **6**.

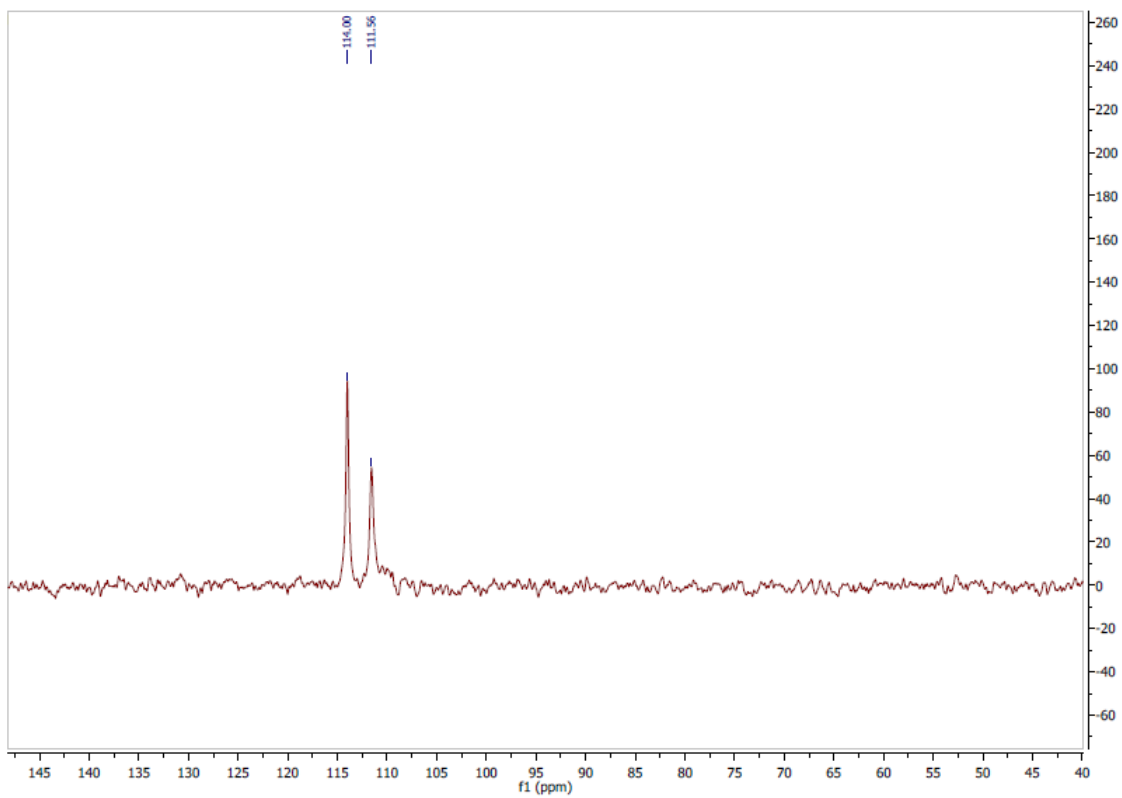


Figura A22. Espectro RMN ³¹P{¹H} en DMSO-d₆ de **6**.

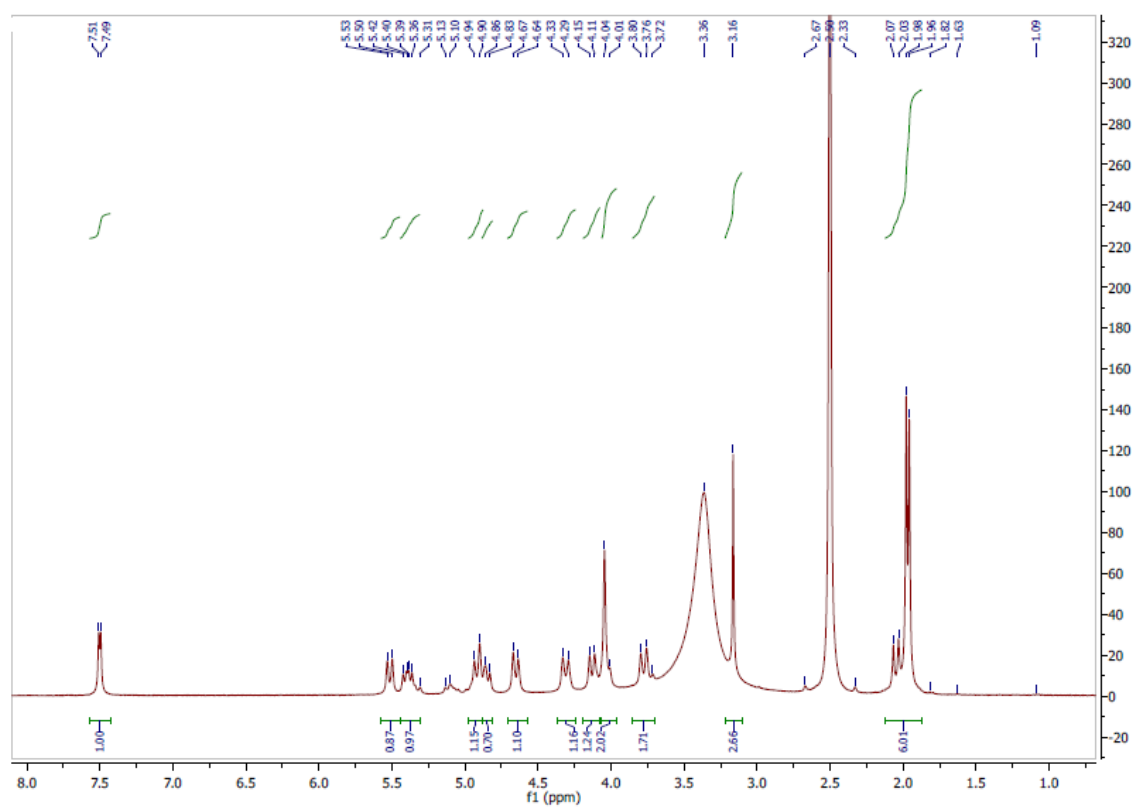


Figura A23. Espectro RMN ¹H en DMSO-d₆ de 5.

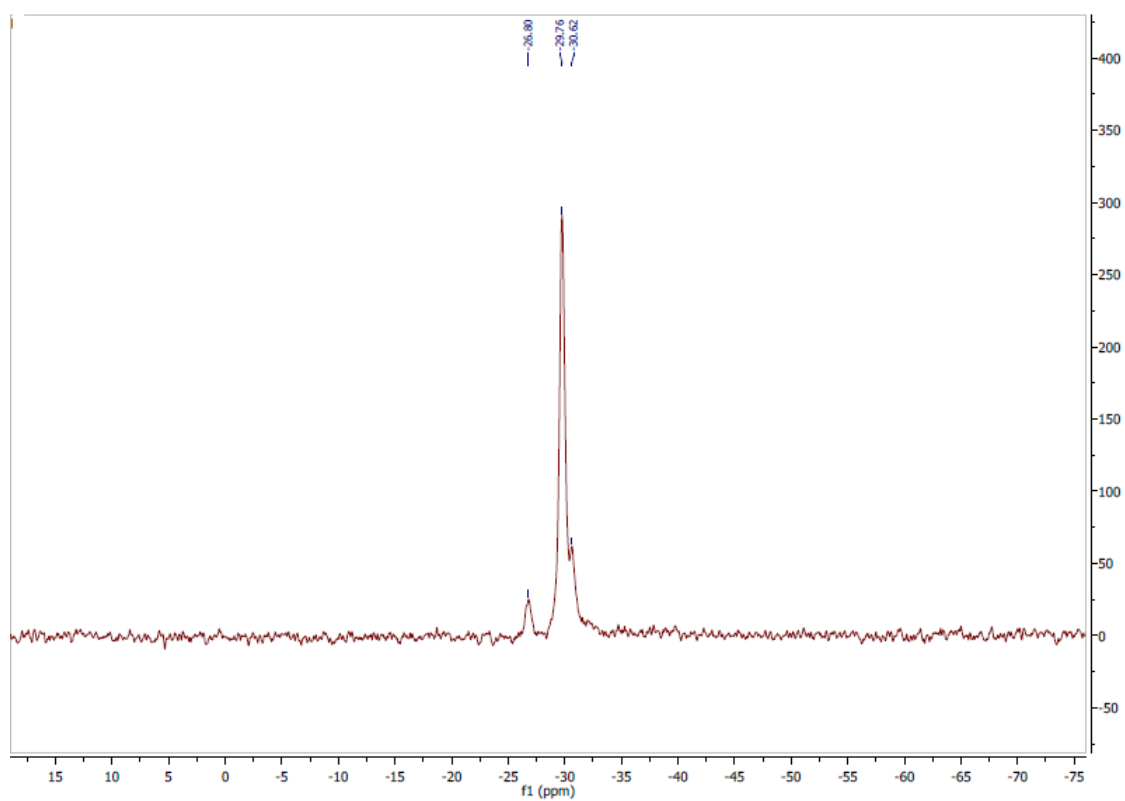


Figura A24. Espectro RMN ³¹P{¹H} en DMSO-d₆ de 5.

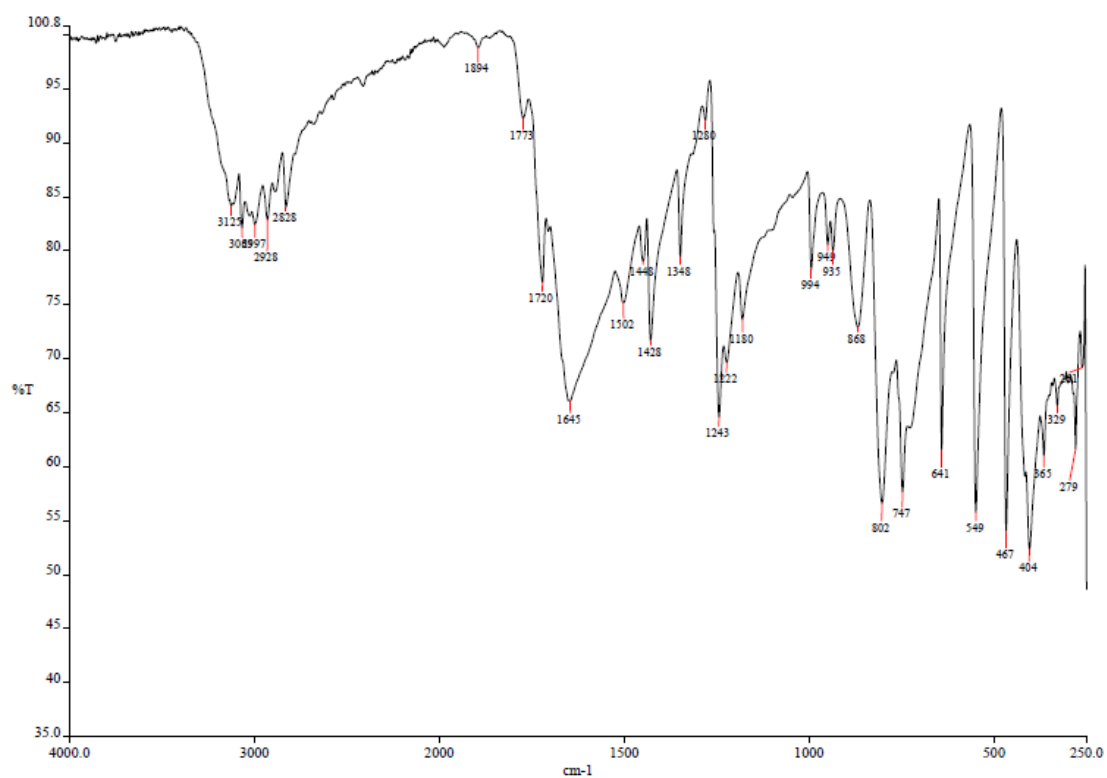


Figura A25. Espectro IR (ATR) de 5-FU

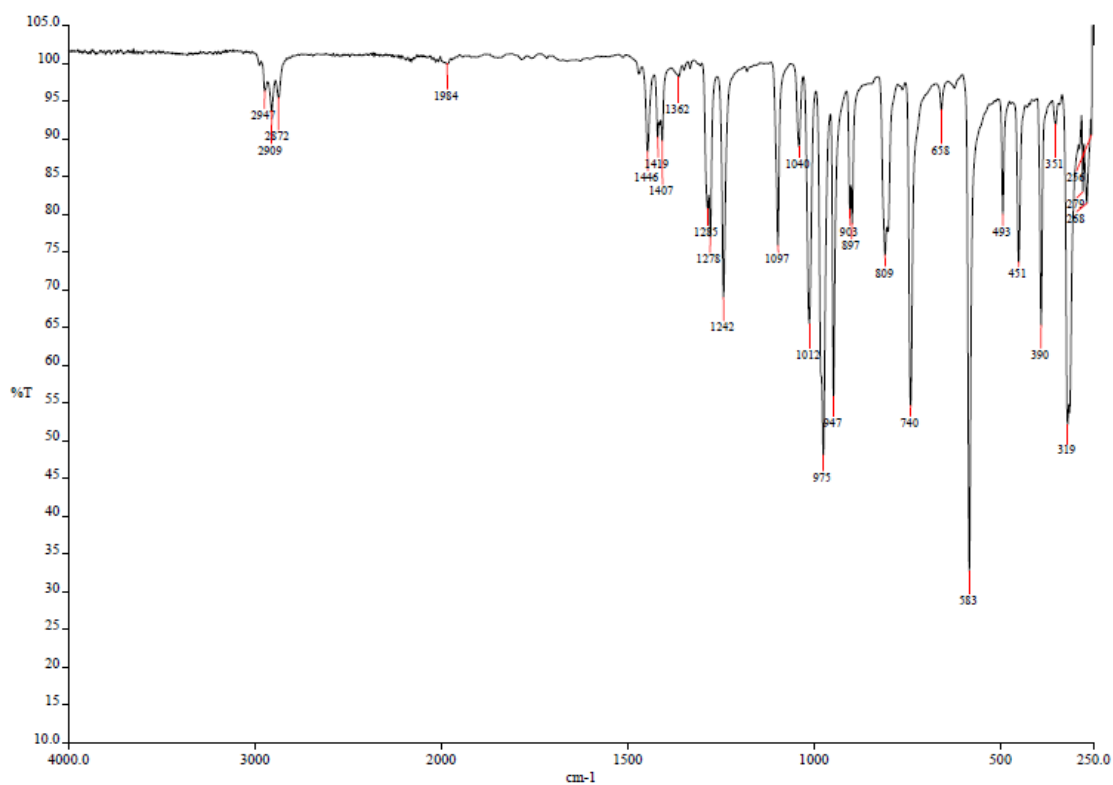


Figura A26. Espectro IR (ATR) de [AuCl(PTA)]

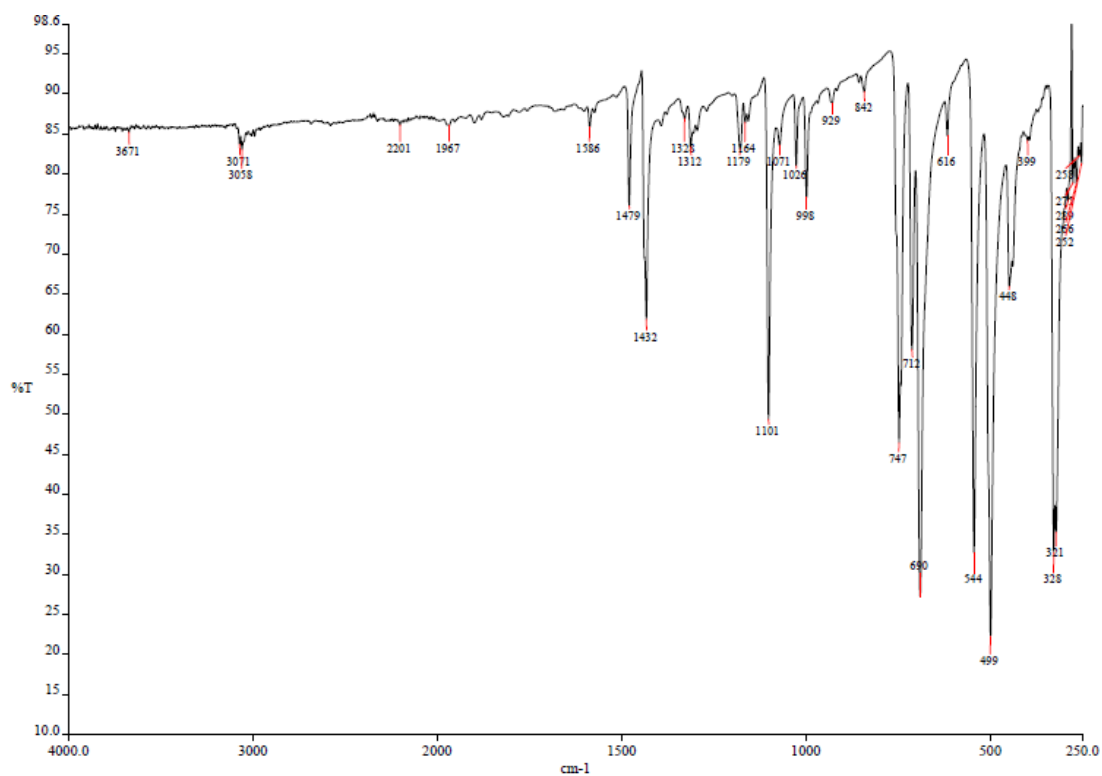


Figura A27. Espectro IR (ATR) de $[\text{AuCl}(\text{PPh}_3)]$

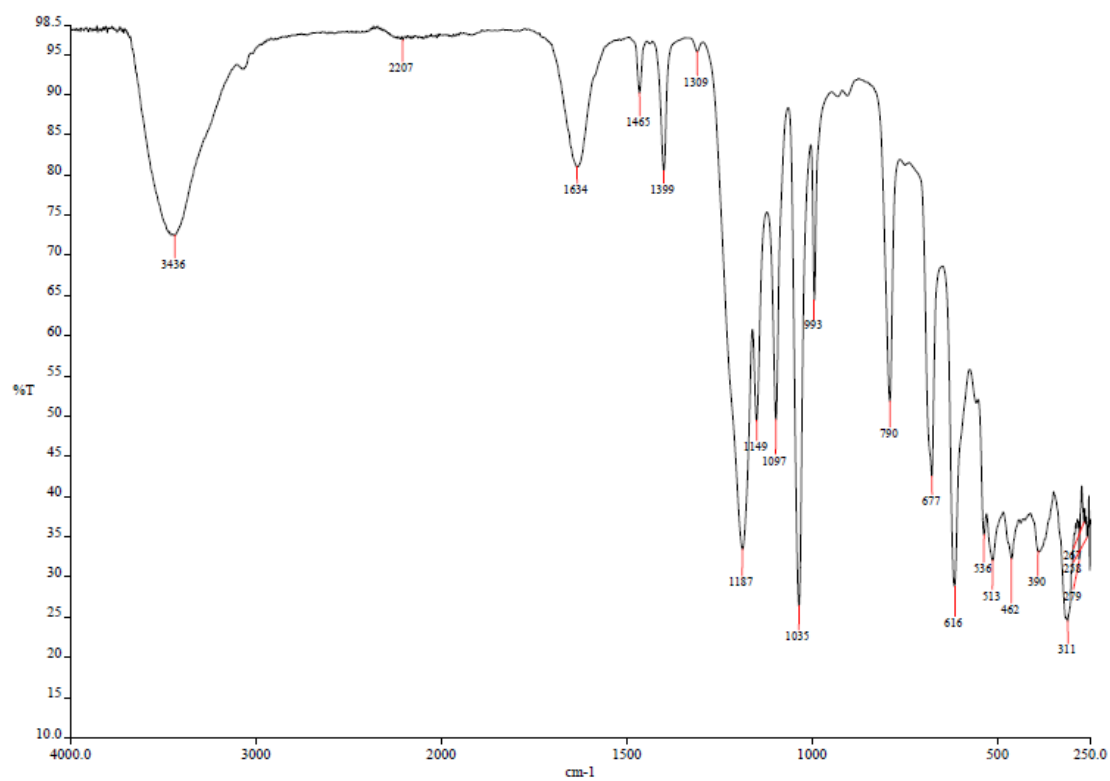


Figura A28. Espectro IR (ATR) de $[\text{AuCl}(\text{TPPTS})]$

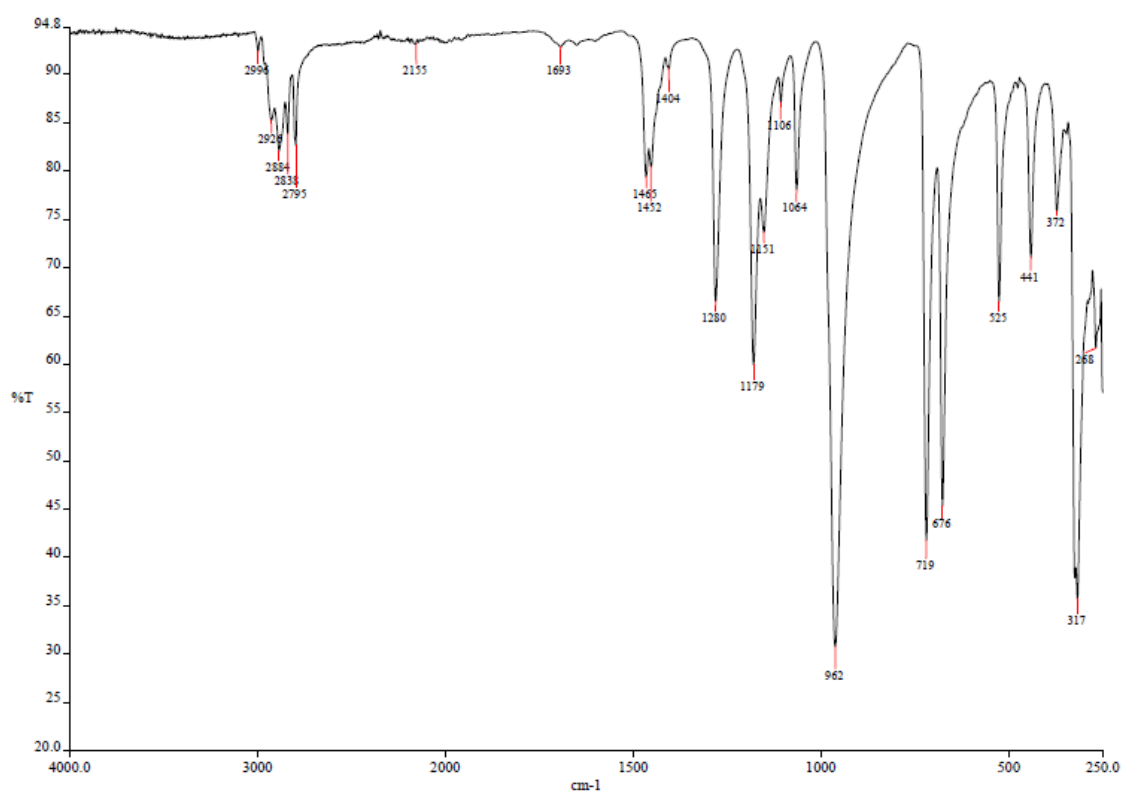


Figura A29. Espectro IR (ATR) de [AuCl(HMPT)]

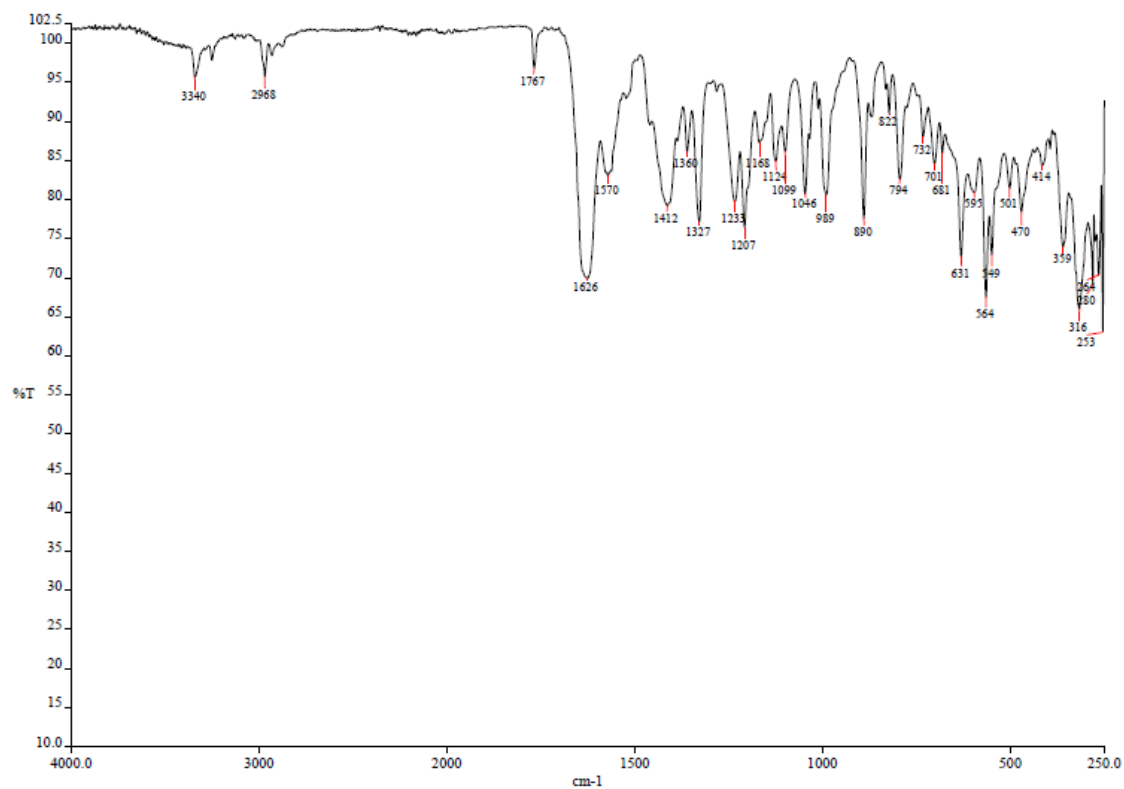


Figura A30. Espectro IR (ATR) de [AuCl(DAPTA)]

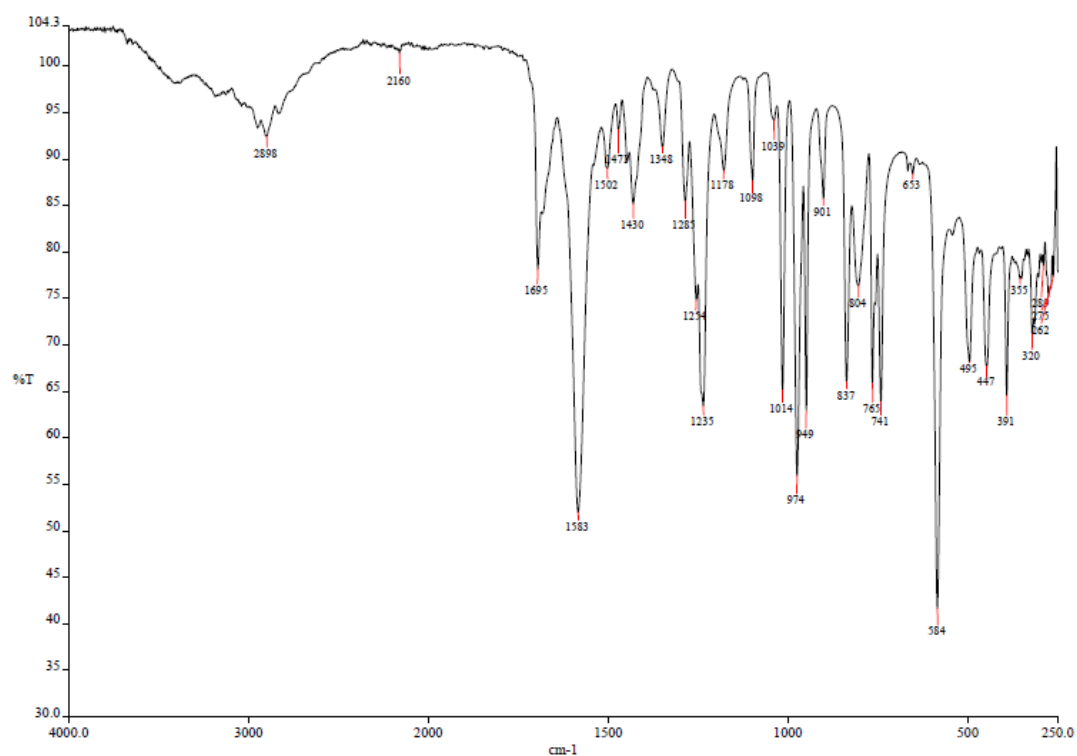


Figura A31. Espectro IR (ATR) de 1.

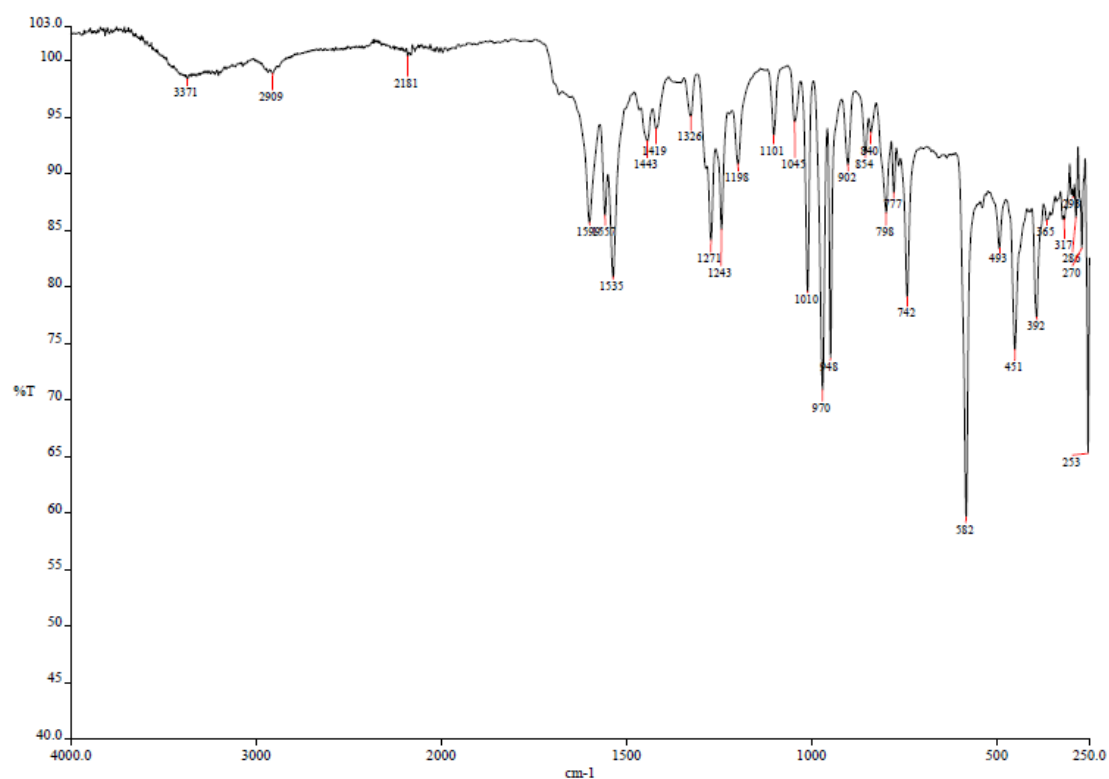


Figura A32. Espectro IR (ATR) de 2.

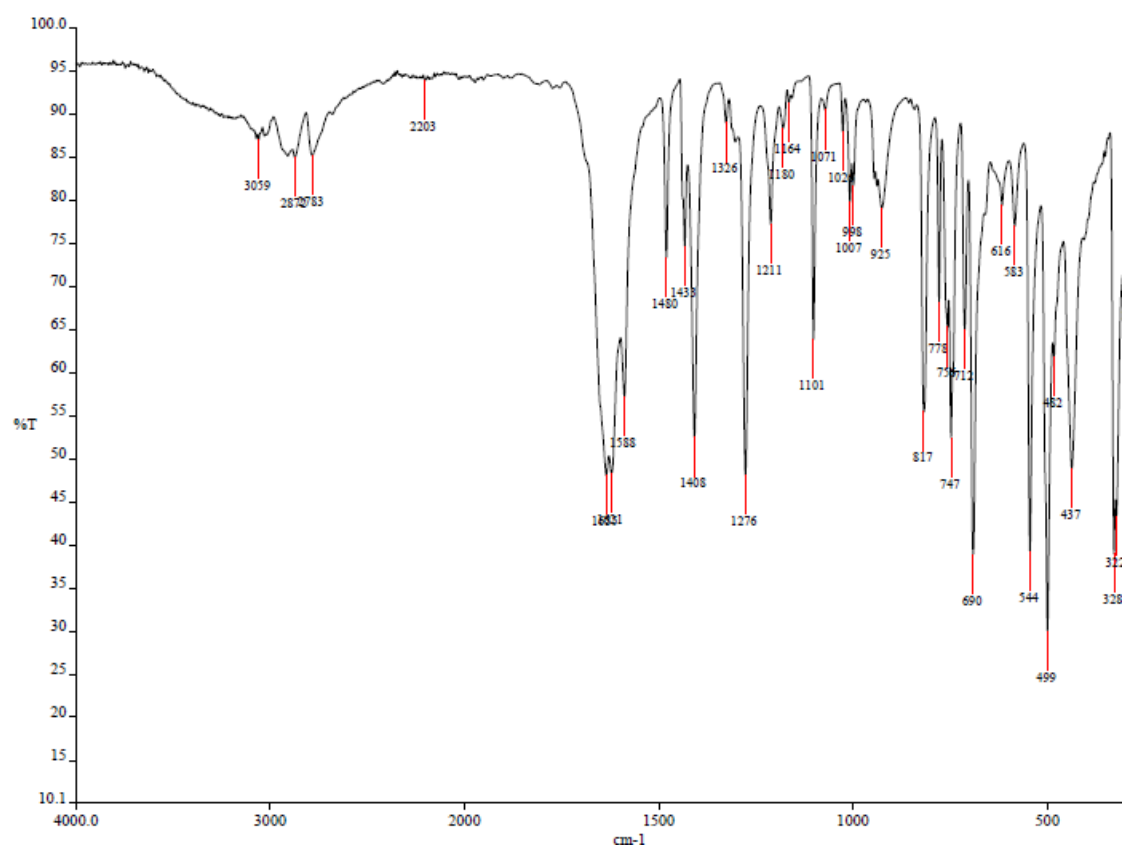


Figura A33. Espectro IR (ATR) de **3**.

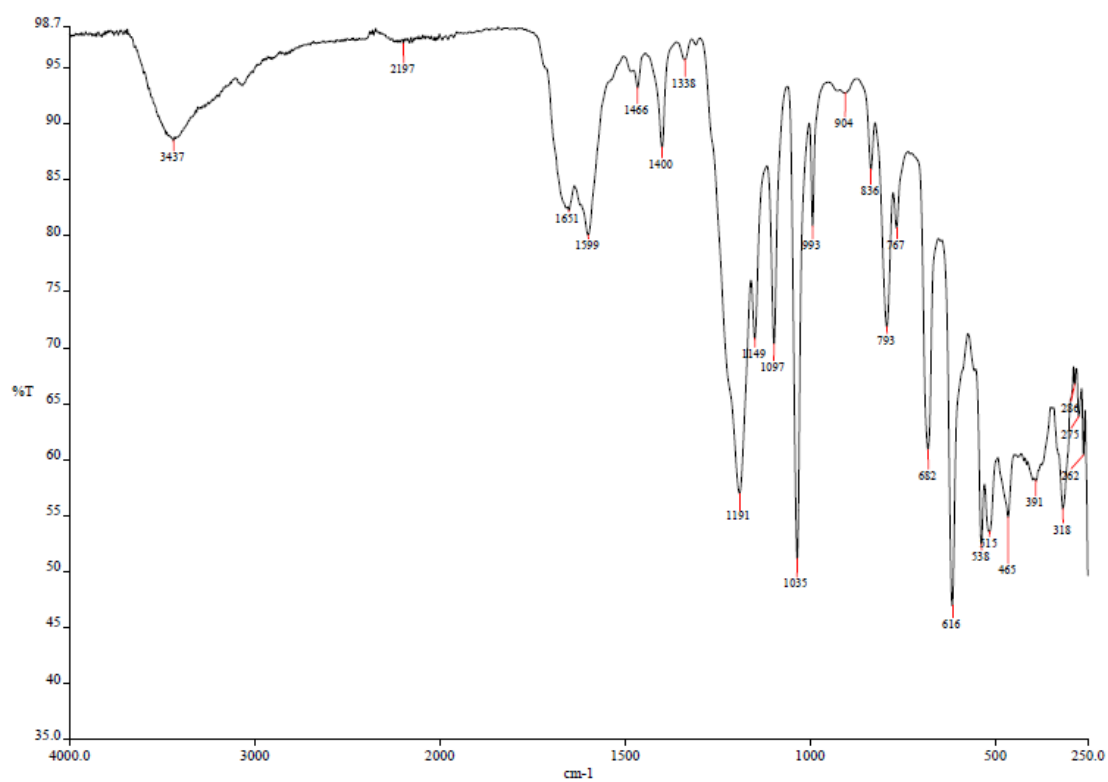


Figura A34. Espectro IR (ATR) de **4**.

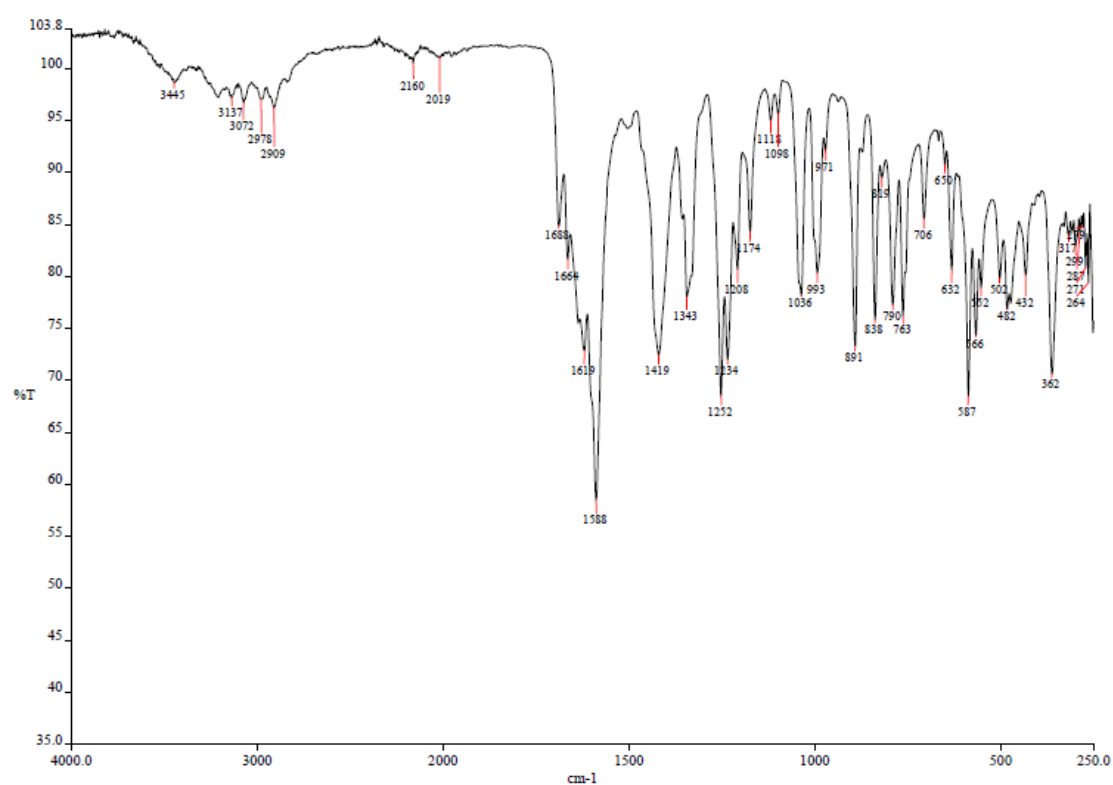


Figura A35. Espectro IR (ATR) de **5**.

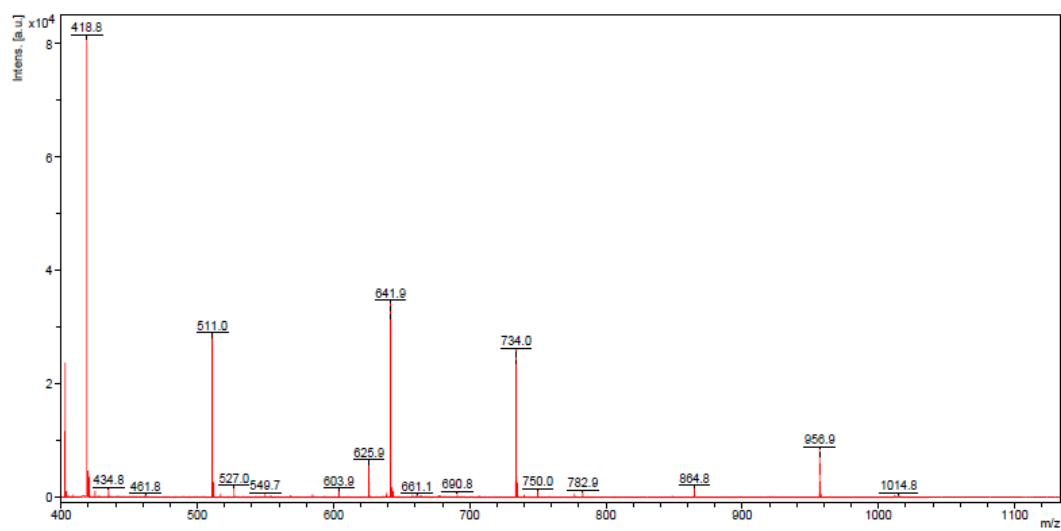


Figura A36. Espectro de masas (MALDI+) de **1**.

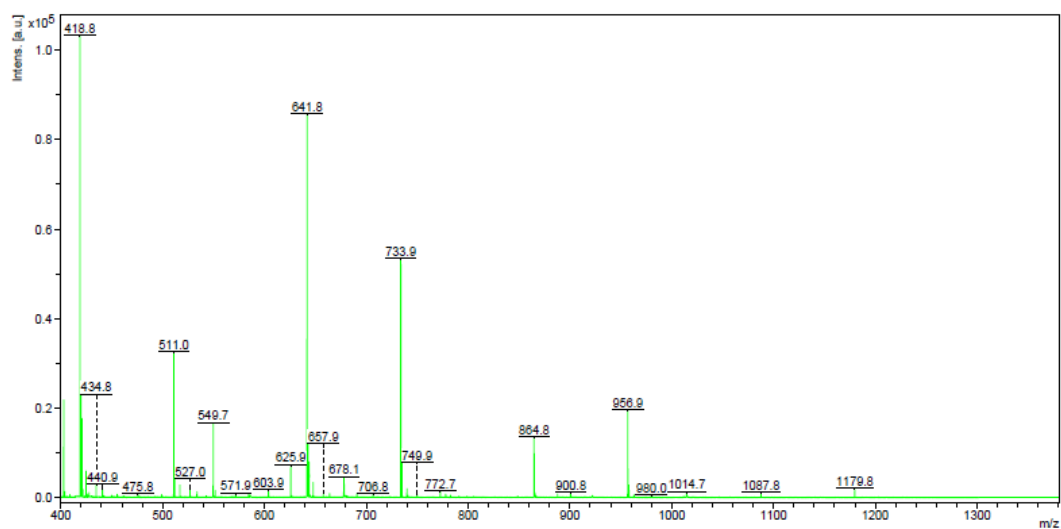


Figura A37. Espectro de masas (MALDI+) de **2**.

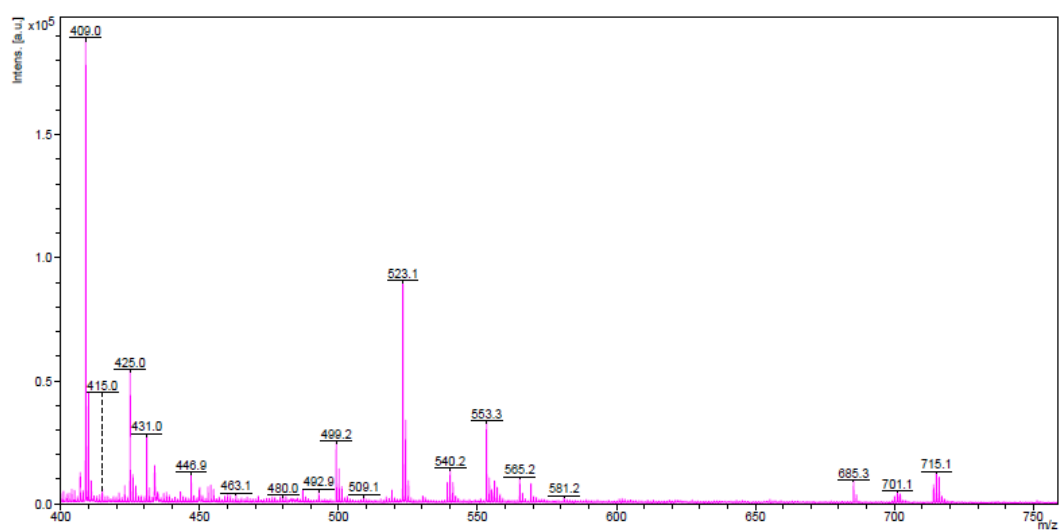


Figura A38. Espectro de masas (MALDI+) de **4**.

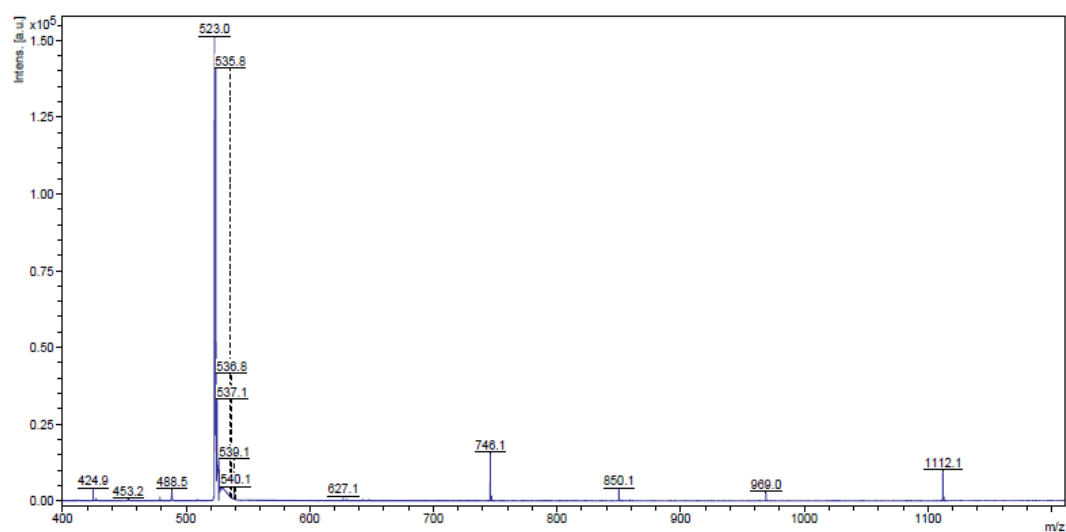


Figura A39. Espectro de masas (MALDI+) de **6**.

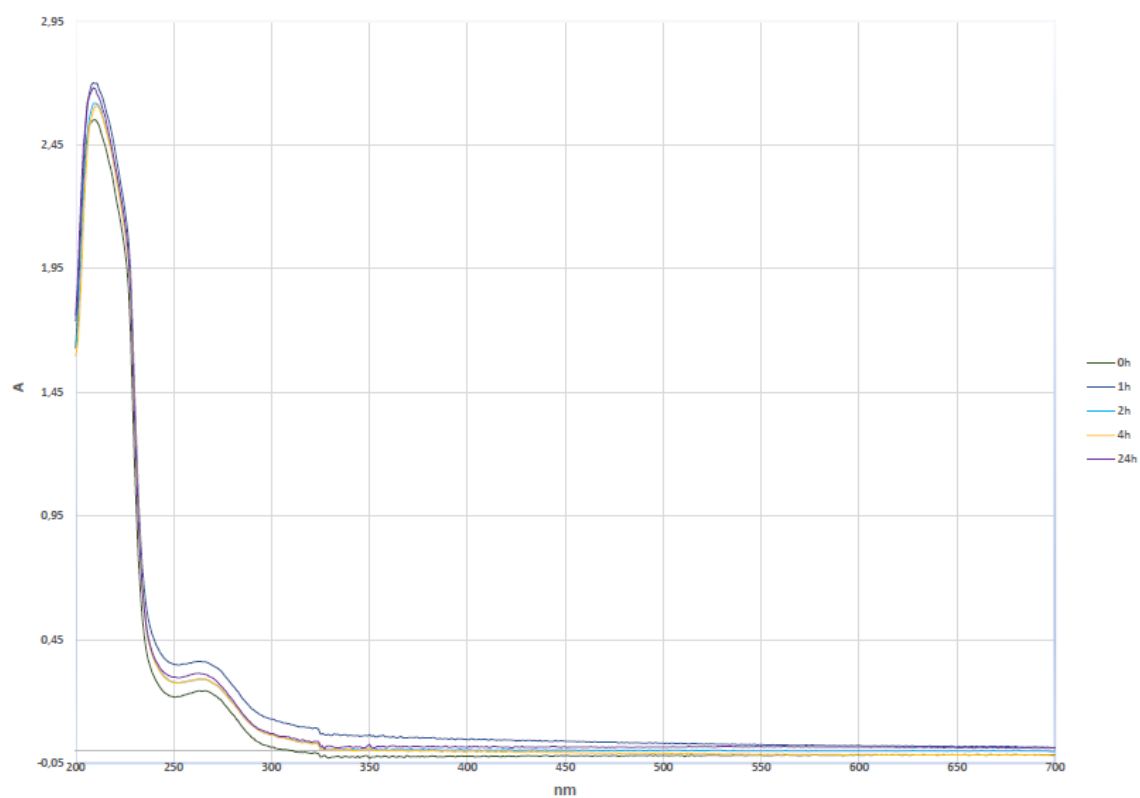


Figura A40. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **1**.

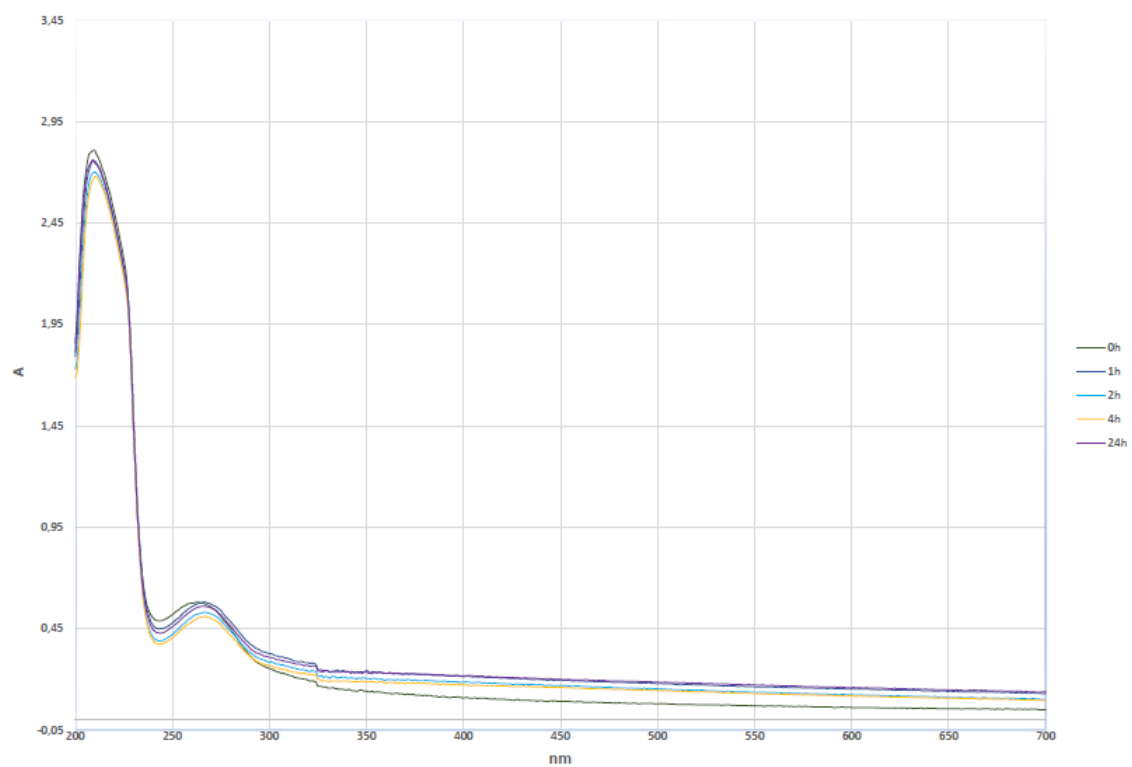


Figura A41. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **3**.

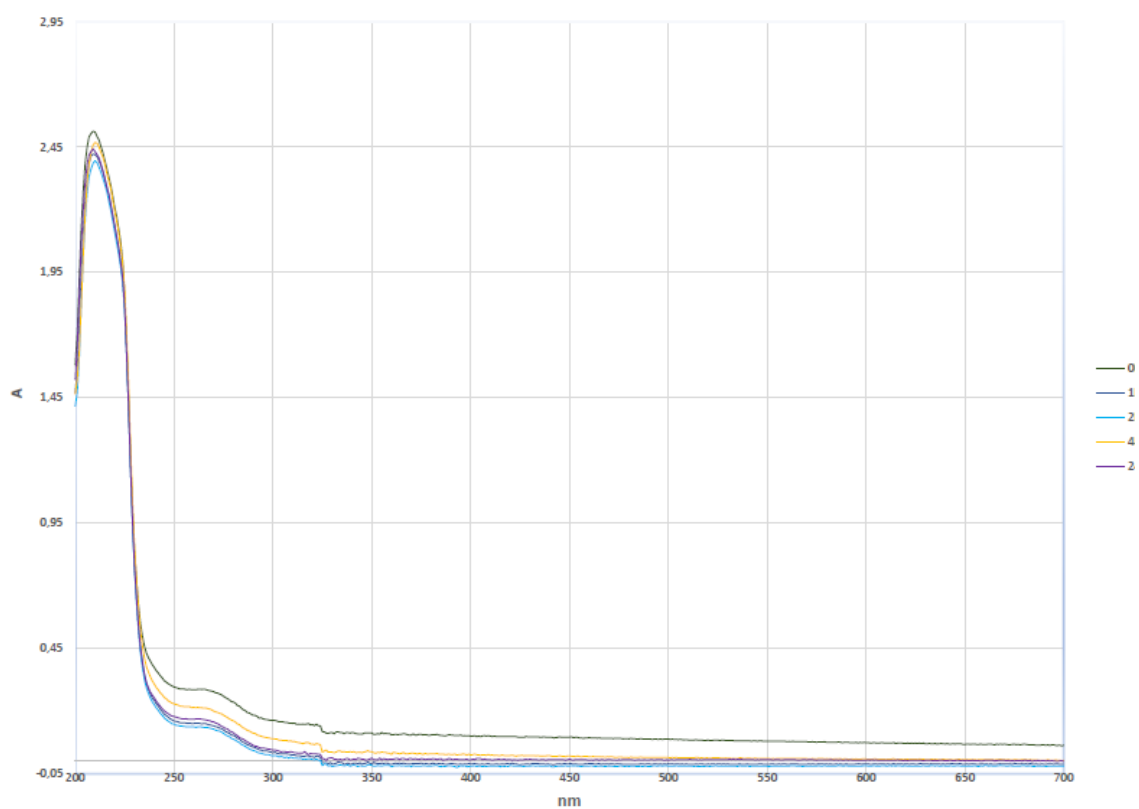


Figura A42. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **2**.

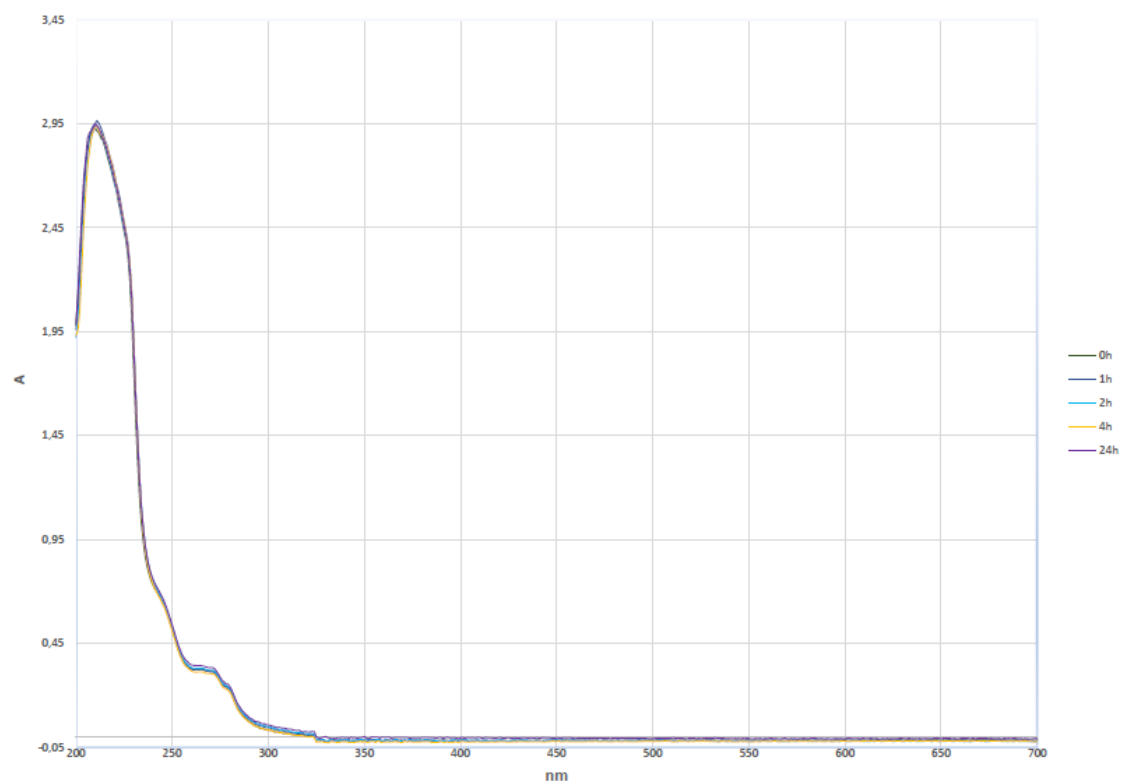


Figura A43. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **4**.

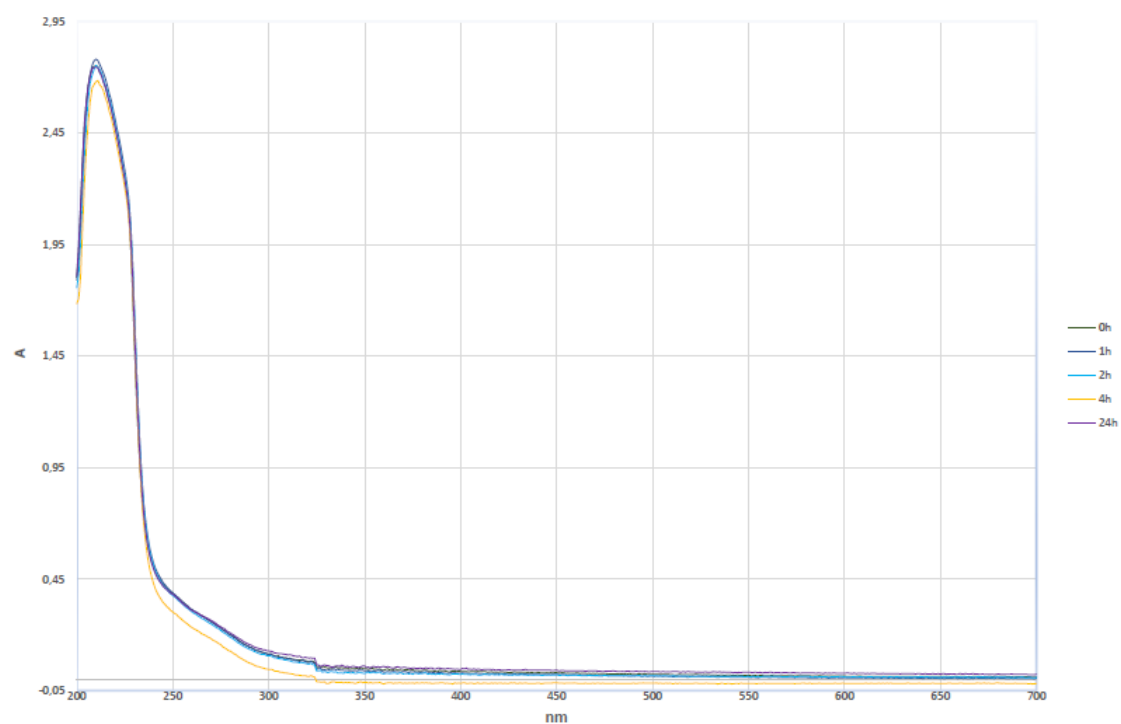


Figura A44. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **6**.

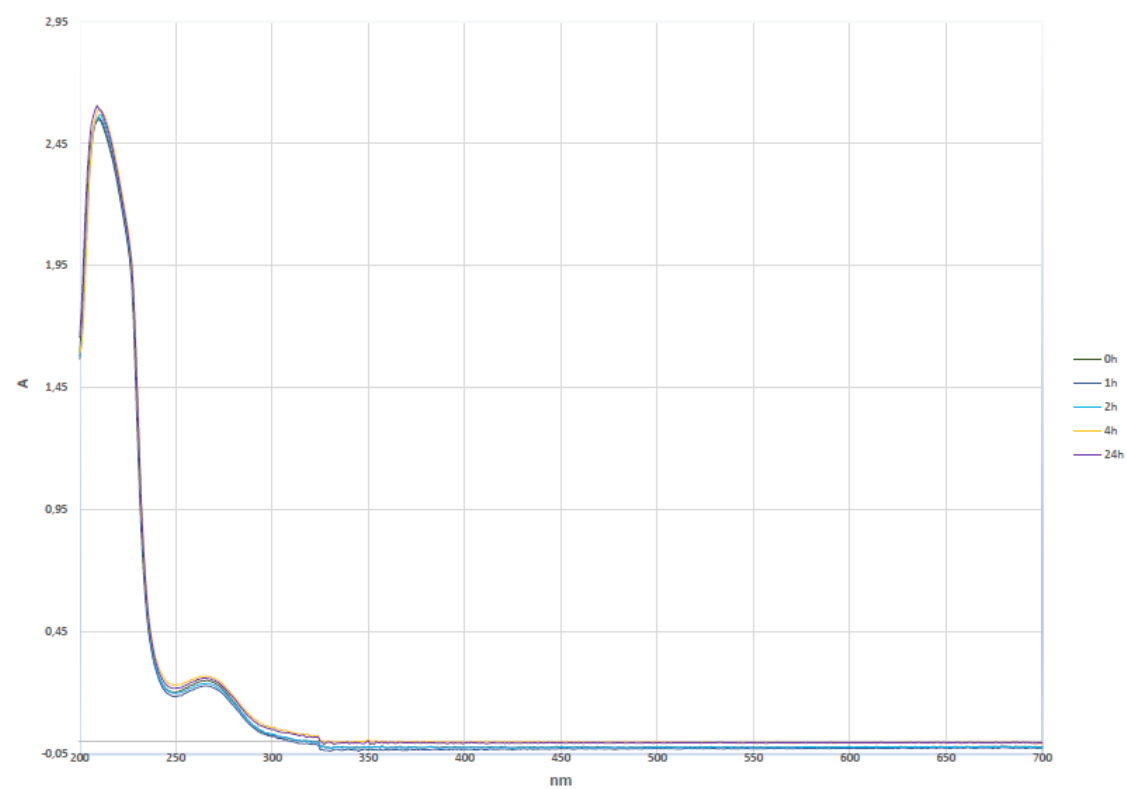


Figura A45. Medidas de estabilidad en UV-vis (Absorción vs longitud de onda) de **5**.

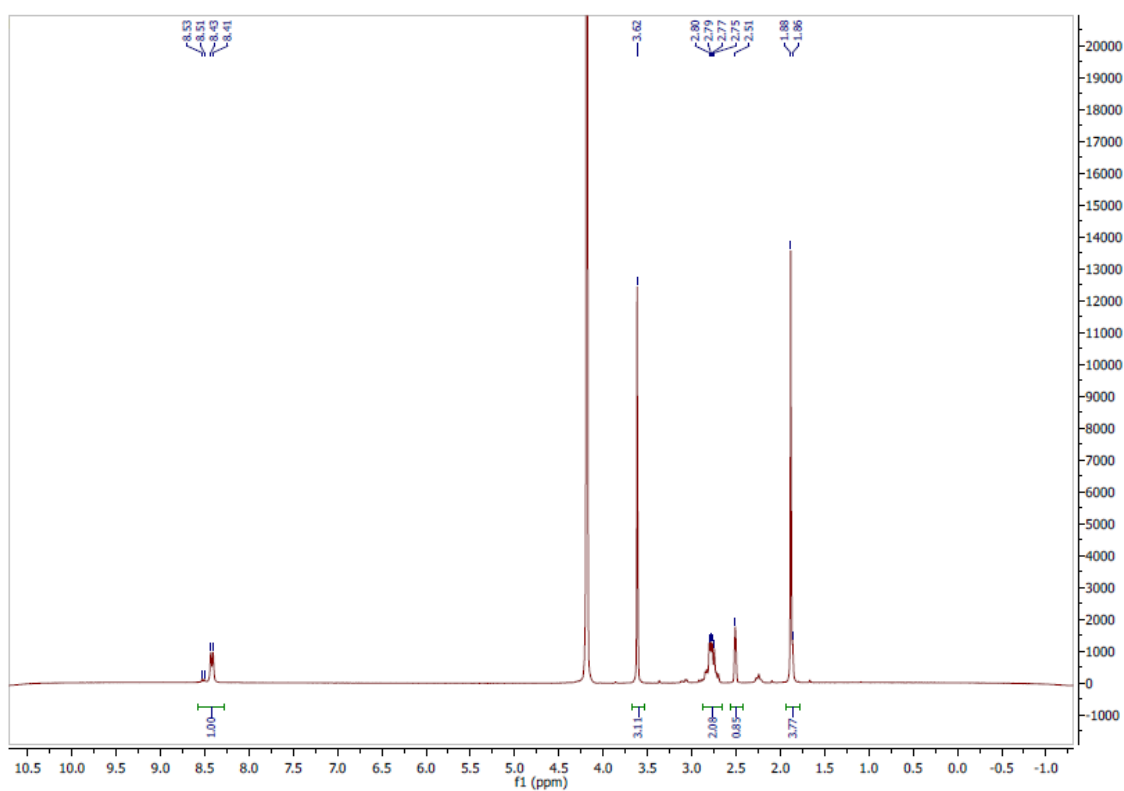


Figura A46. Espectro RMN ^1H de NAC-ME 0 horas.

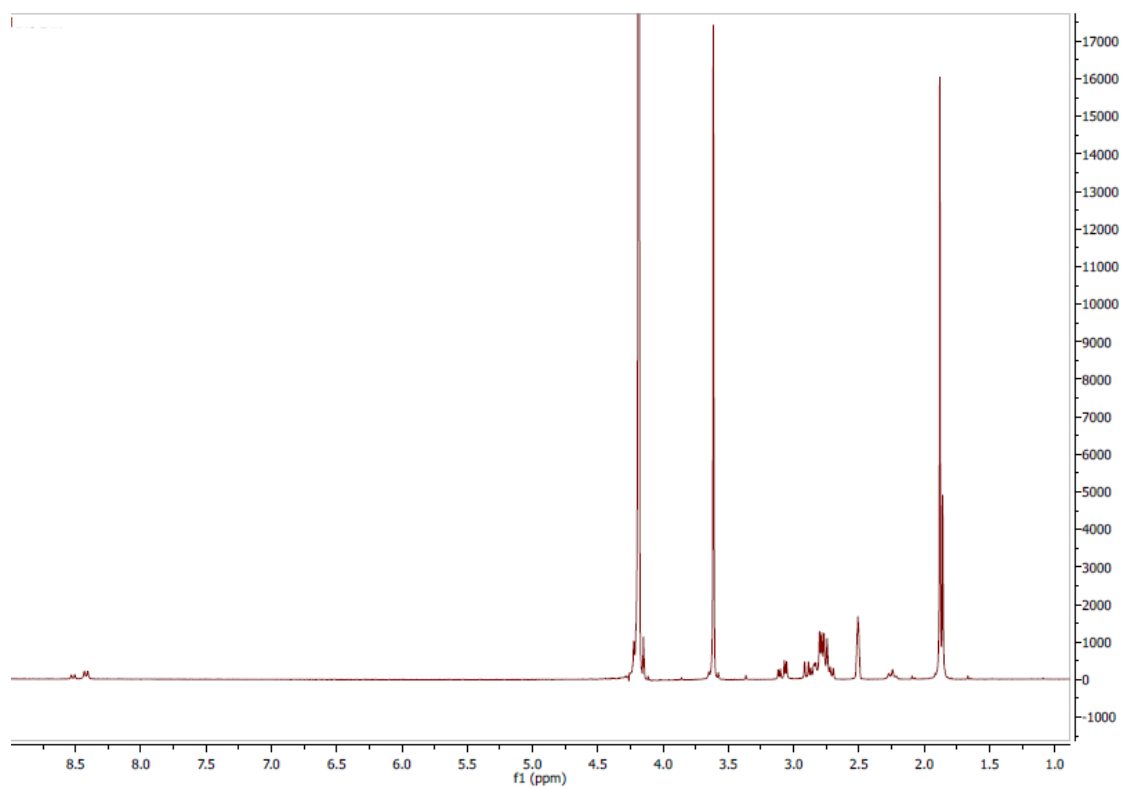


Figura A47. Espectro RMN ^1H de NAC-ME 24 horas.

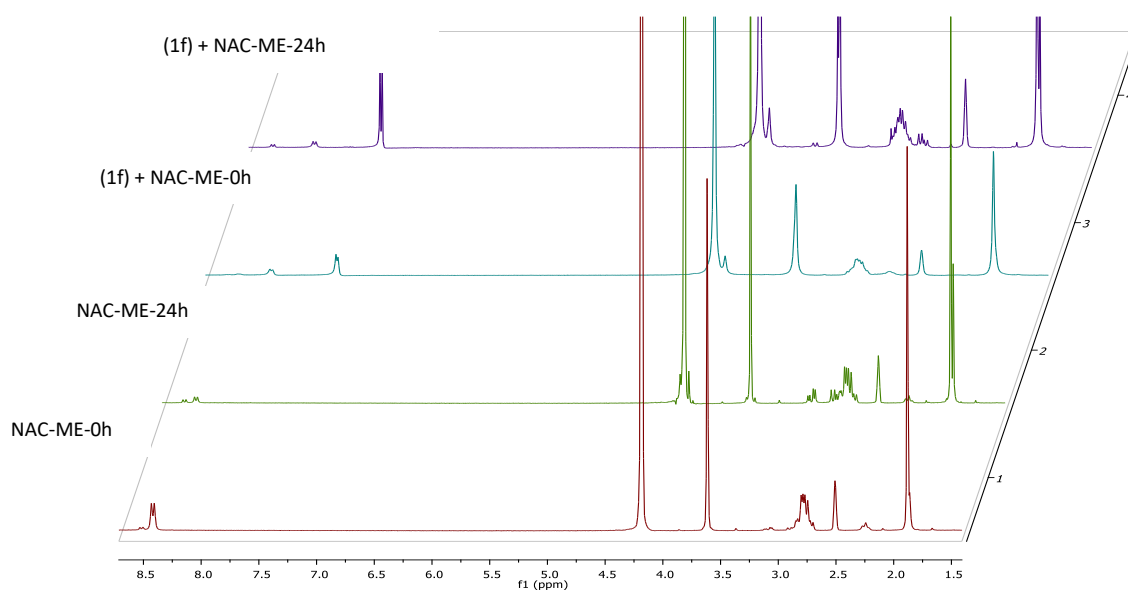


Figura A48. Medidas de estabilidad mediante RMN ^1H de **1** con NAC-ME

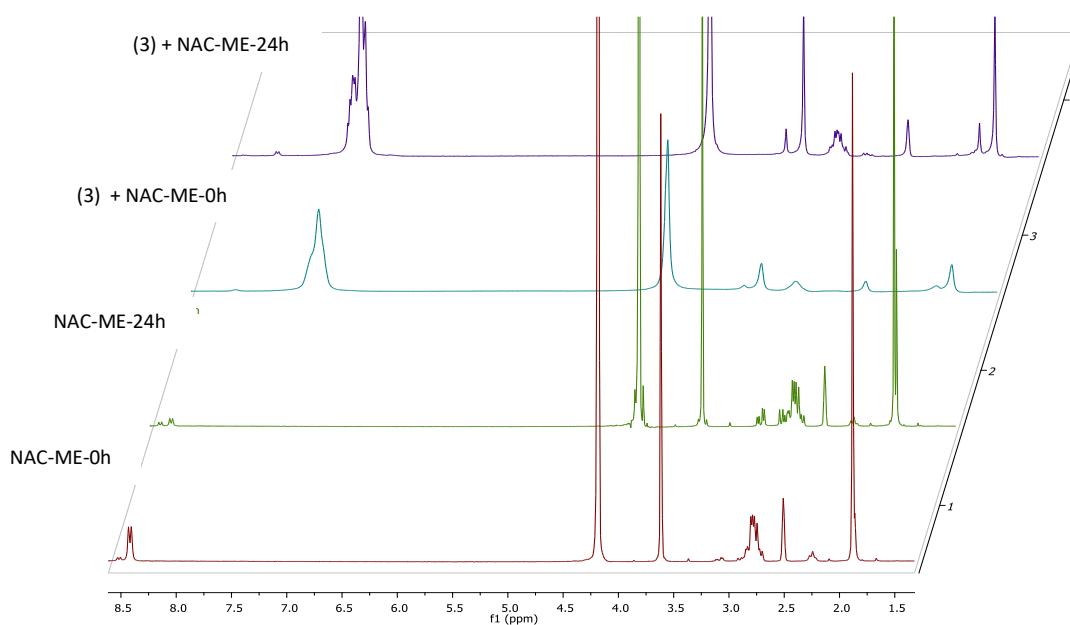


Figura A49. Medidas de estabilidad mediante RMN ^1H de **3** con NAC-ME

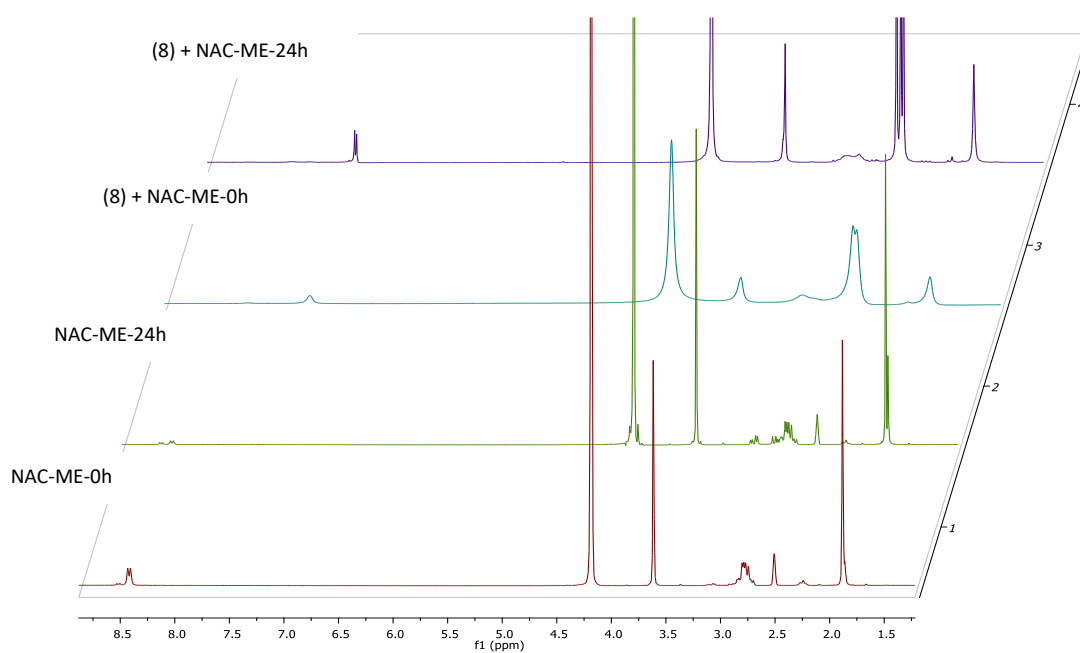


Figura A50. Medidas de estabilidad mediante RMN ^1H de **5** con NAC-ME

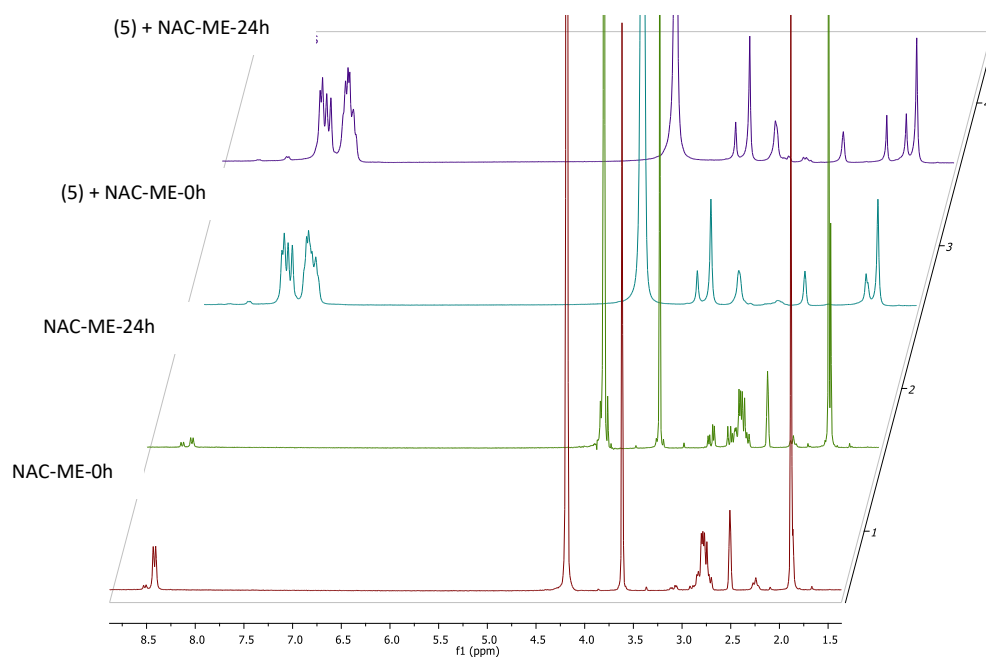


Figura A51. Medidas de estabilidad mediante RMN ^1H de **4** con NAC-ME

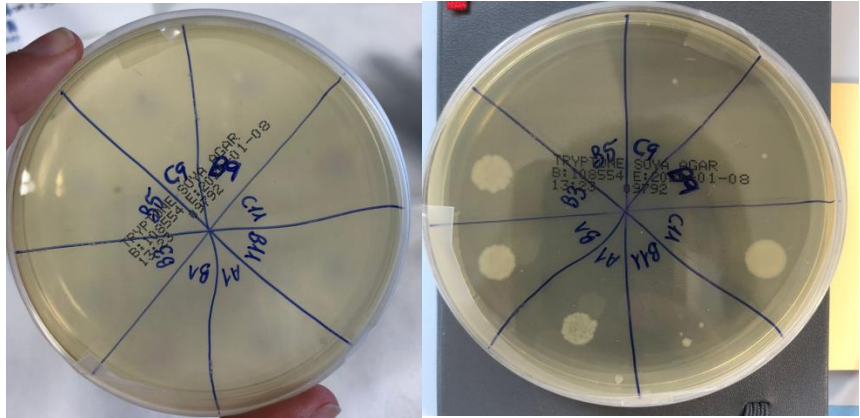
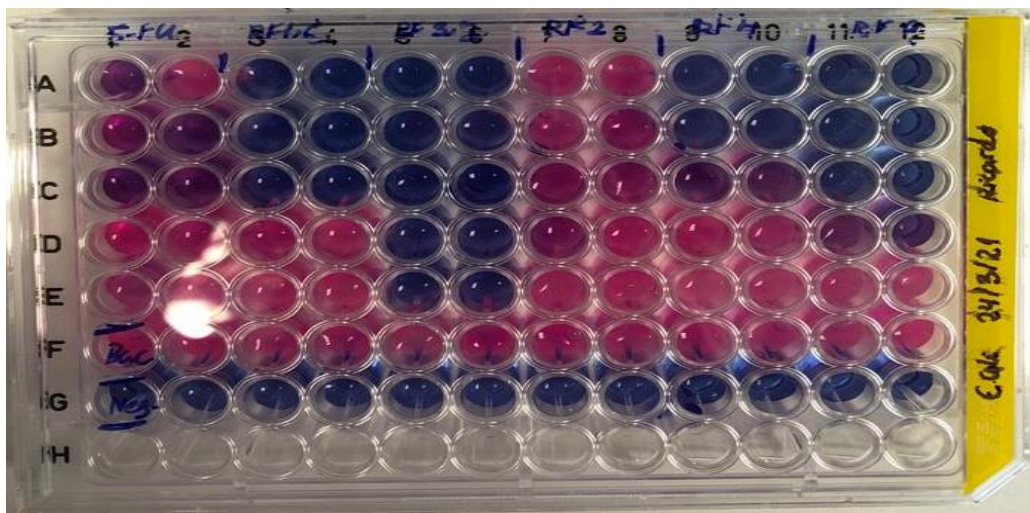
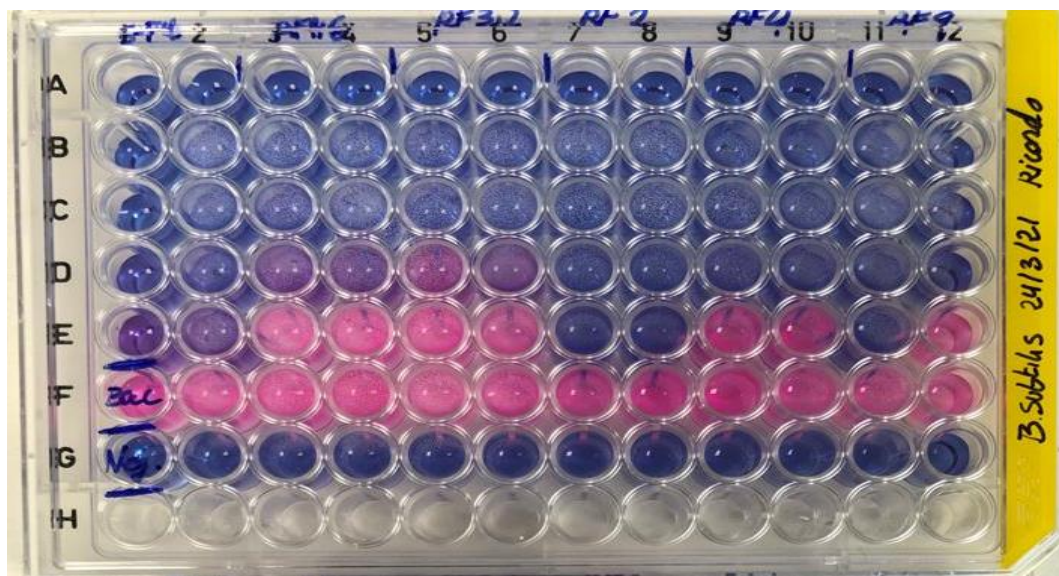


Figura A52. Placa de agar para *B.Sub.* B9: 128 µg/mL de **4**; C11: 16 µg/mL de **5**; B11: 32 µg/mL de **5**; A1: 128 µg/mL de **5-FU** ; B1: 64 µg/mL de **5-FU**; B3: 8 µg/mL de **1** ; B5: 4 µg/mL de **2**; C9: 64 µg/mL de **9**.



<i>E.Coli</i>	5-FU		1		2		3		4		5	
A	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 1024 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL
B	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL
C	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL
D	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL
E	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL
F	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B
G	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M
H												

Figura A53. Placa de 96 pocillos con ensayo de la resazurina para *E. coli* (arriba). Esquema de cantidades utilizadas para la placa de 96 pocillos. M= disolución de medio de cultivo, B= disolución de bacteria, C= disolución de compuesto (abajo).



B.Sub	5-FU		1		2		3		4		5	
A	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 512 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL
B	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 256 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL
C	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 128 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL
D	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 4 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 64 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL	100 µL M + 100 µL B + 2 µL C 16 µg/mL
E	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 2 µg/mL	100 µL M + 100 µL B + 2 µL C 1 µg/mL	100 µL M + 100 µL B + 2 µL C 1 µg/mL	100 µL M + 100 µL B + 2 µL C 1 µg/mL	100 µL M + 100 µL B + 2 µL C 1 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 32 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL	100 µL M + 100 µL B + 2 µL C 8 µg/mL
F	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B	100 µL M + 100 µL B
G	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M	200 µL M
H												

Figura A54. Placa de 96 pocillos con ensayo de la resazurina para *B. sub* (arriba). Esquema de cantidades utilizadas para la placa de 96 pocillos. M= disolución de medio de cultivo, B= disolución de bacteria, C= disolución de compuesto (abajo).