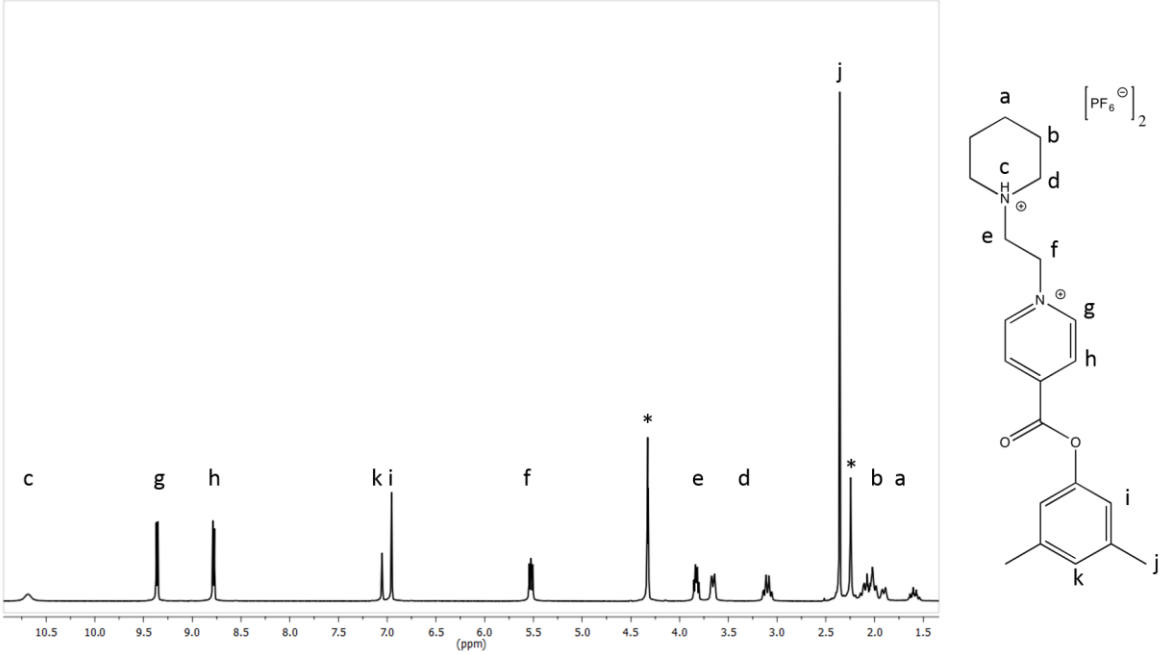
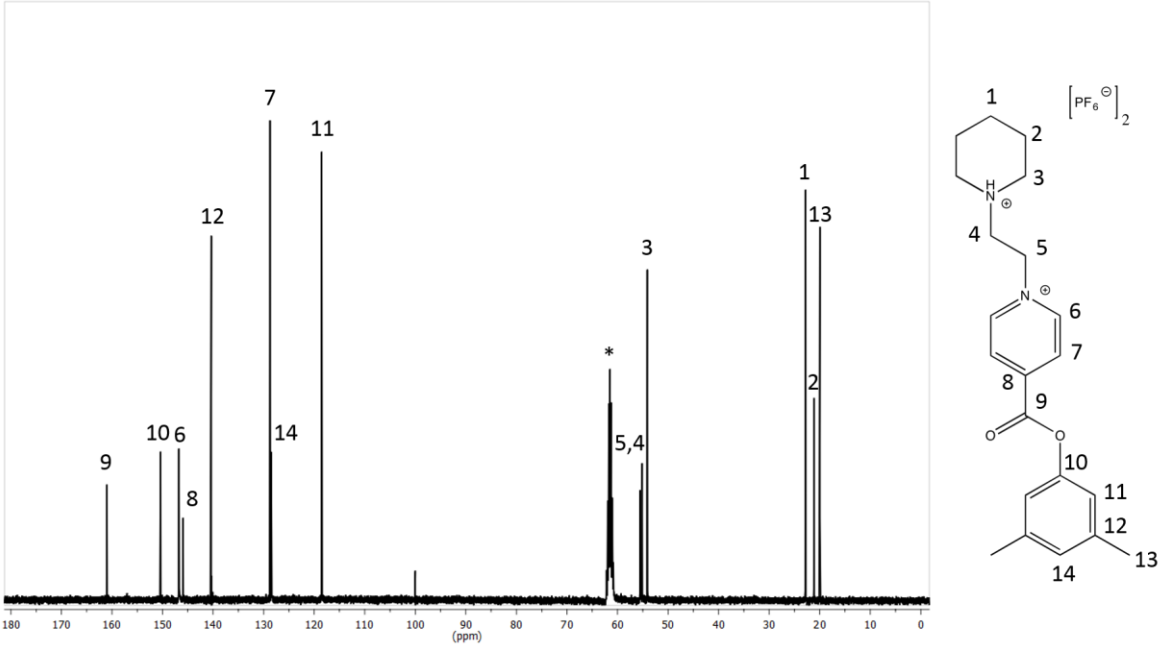
Anexo de RMN

Ejes

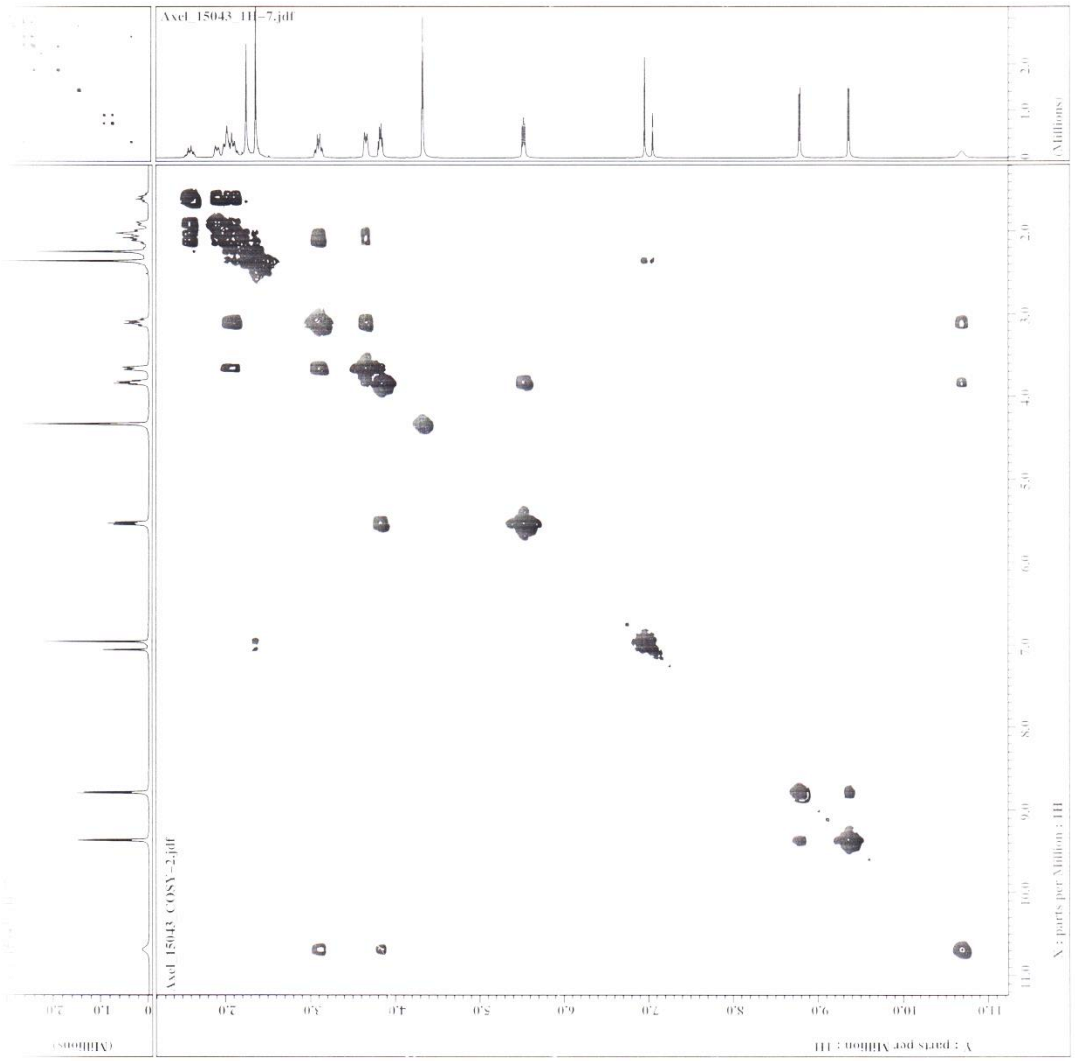
Eje Pi-H



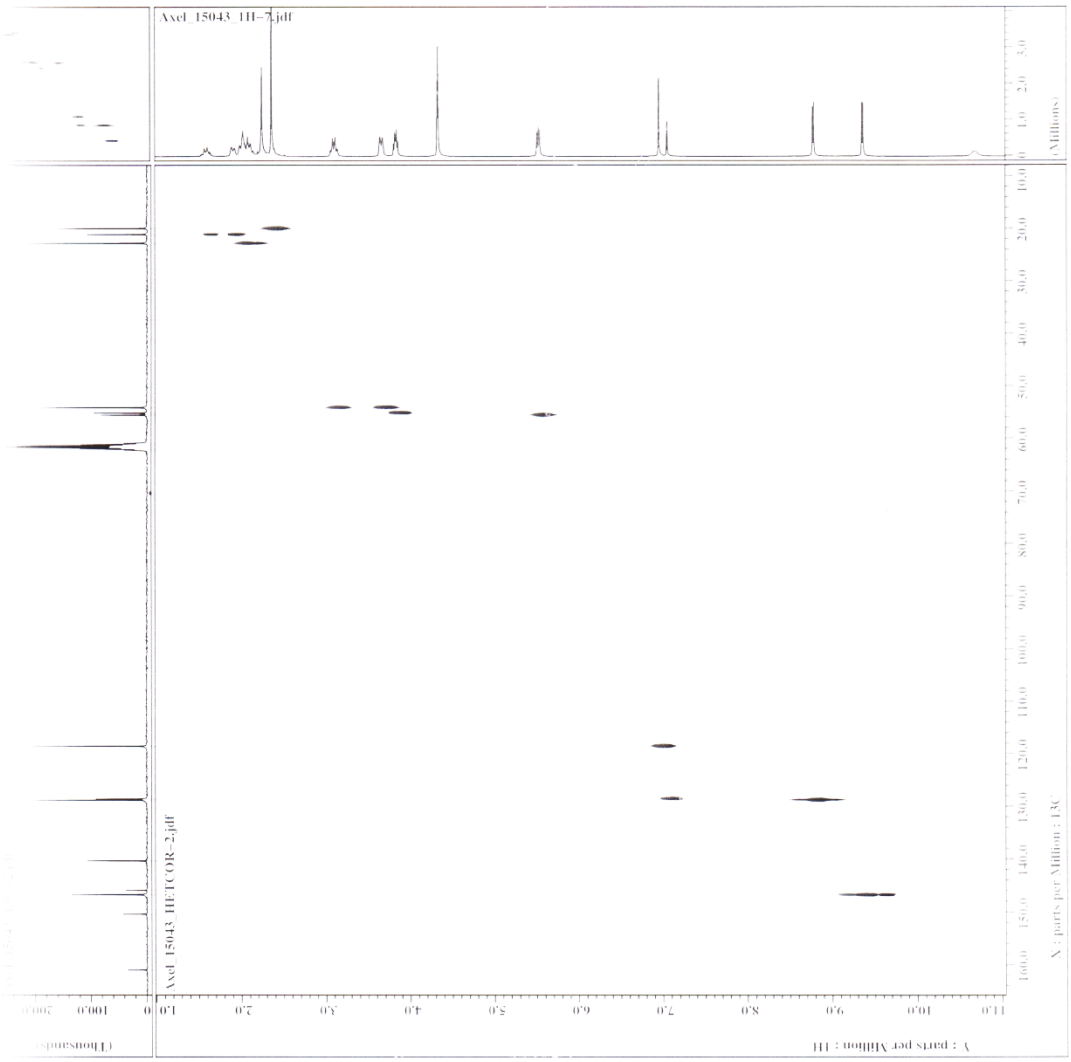
*Espectro 1. Espectro de RMN de ^{1}H del eje [Pi-H] (400MHz, CD_3NO_2, 20mM, *disolvente residual)*



*Espectro 2. Espectro de RMN de ^{13}C eje [Pi-H] (100MHz, CD_3NO_2, 20mM, *disolvente residual)*

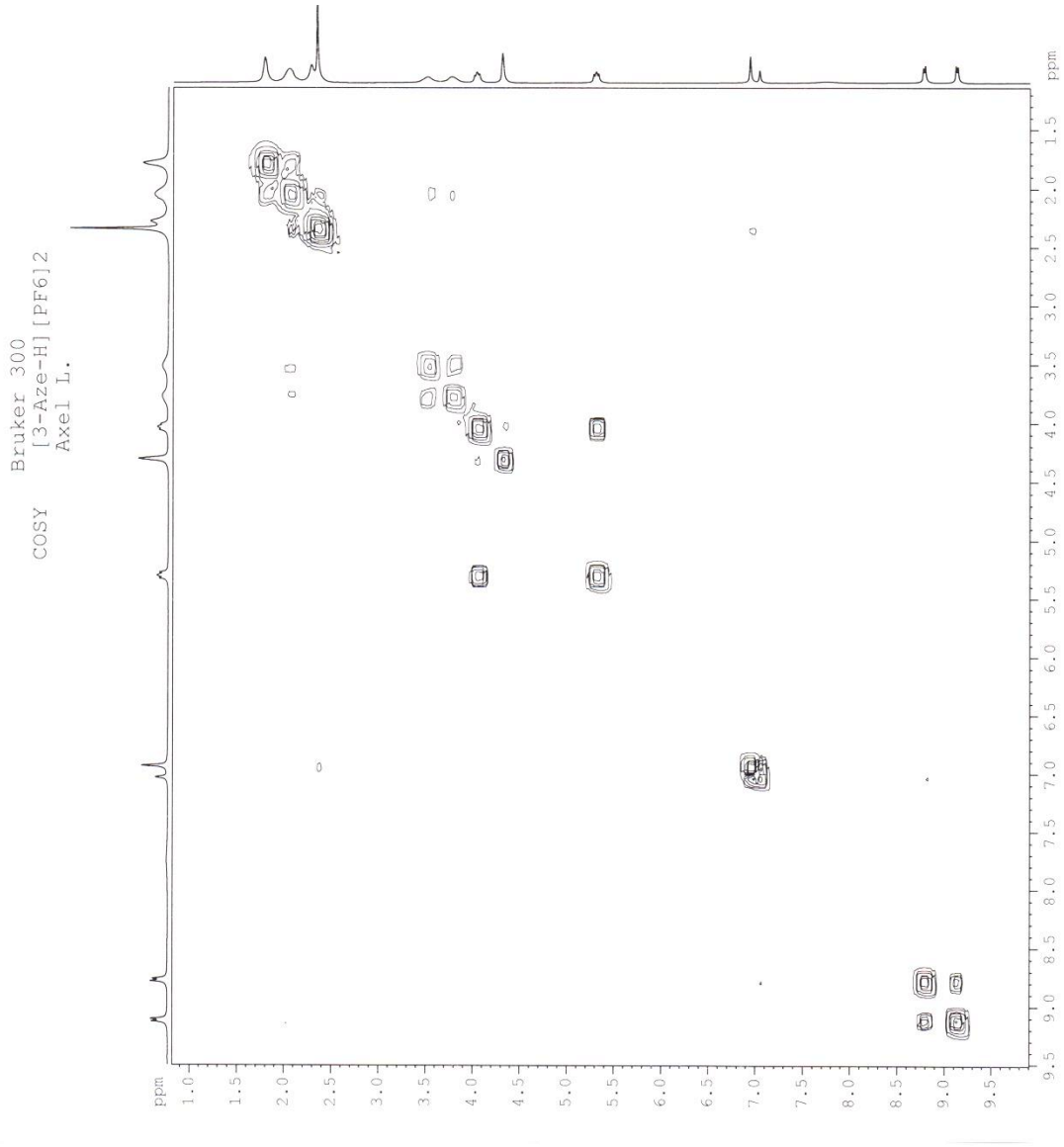


Espectro 3. COSY de eje [Pi-H]

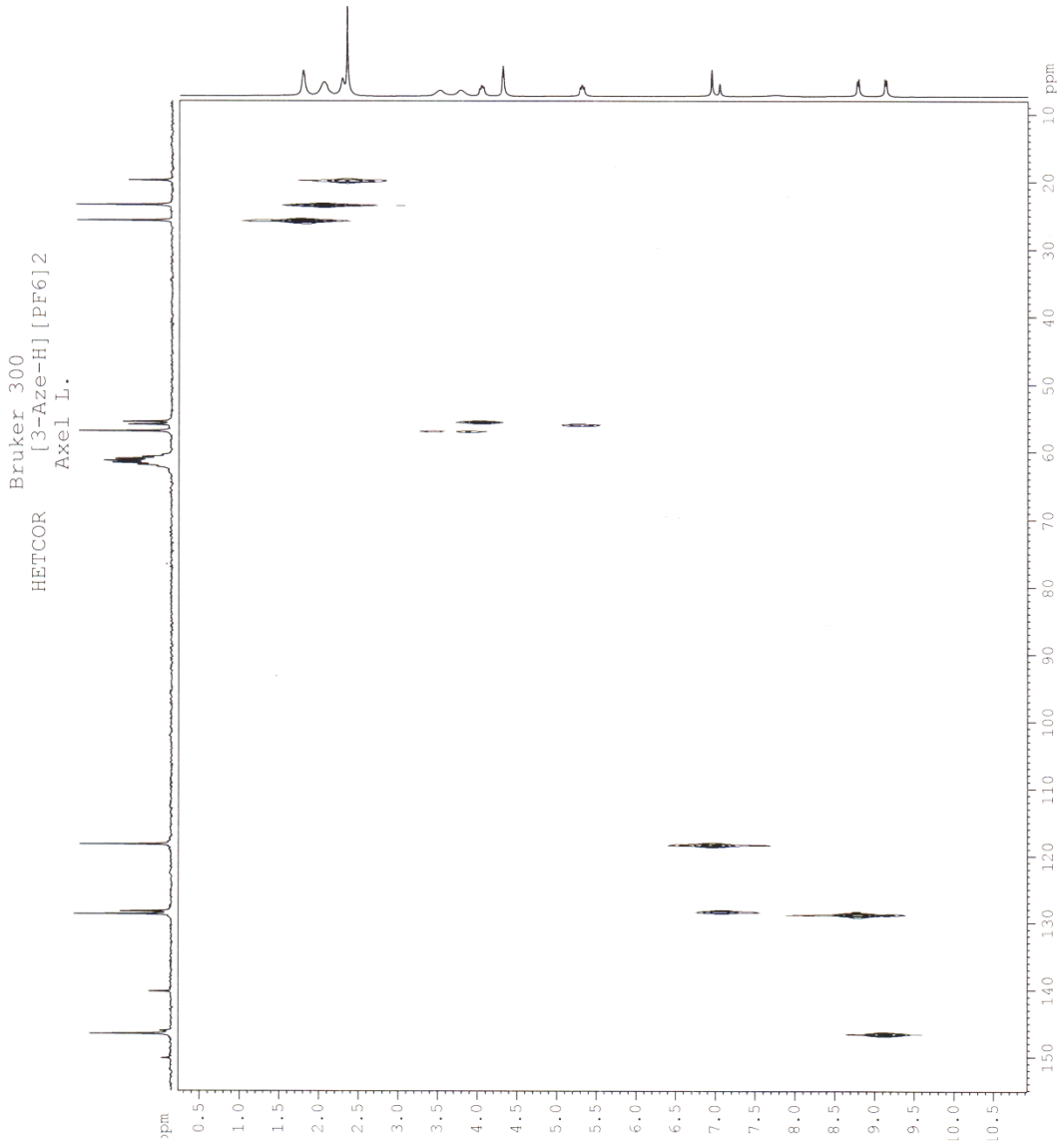


Espectro 4. HETCOR del eje [Pi-H]

Eje Aze-H

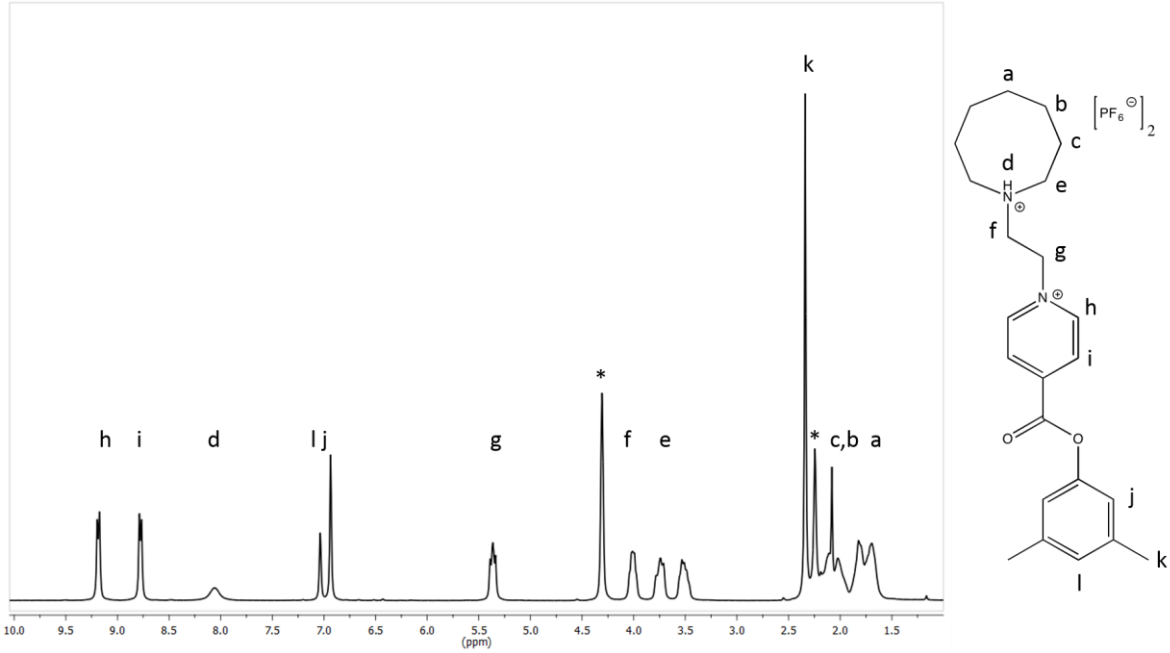


Espectro 5. COSY del eje Aze-H

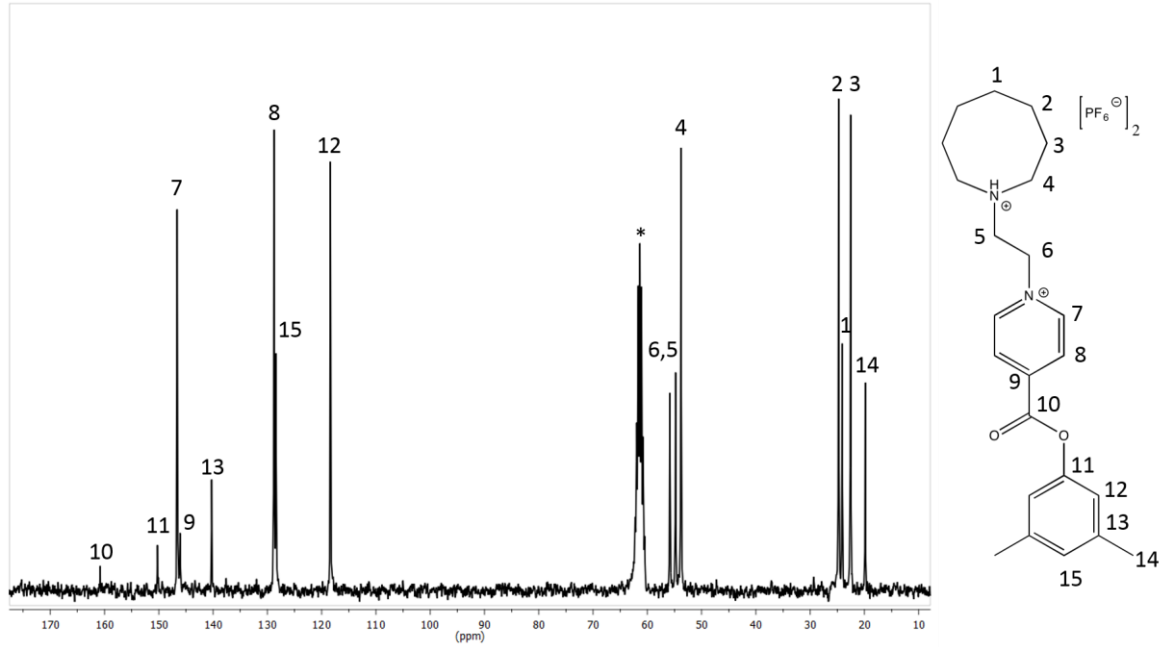


Espectro 6. HETCOR del eje Aze-H

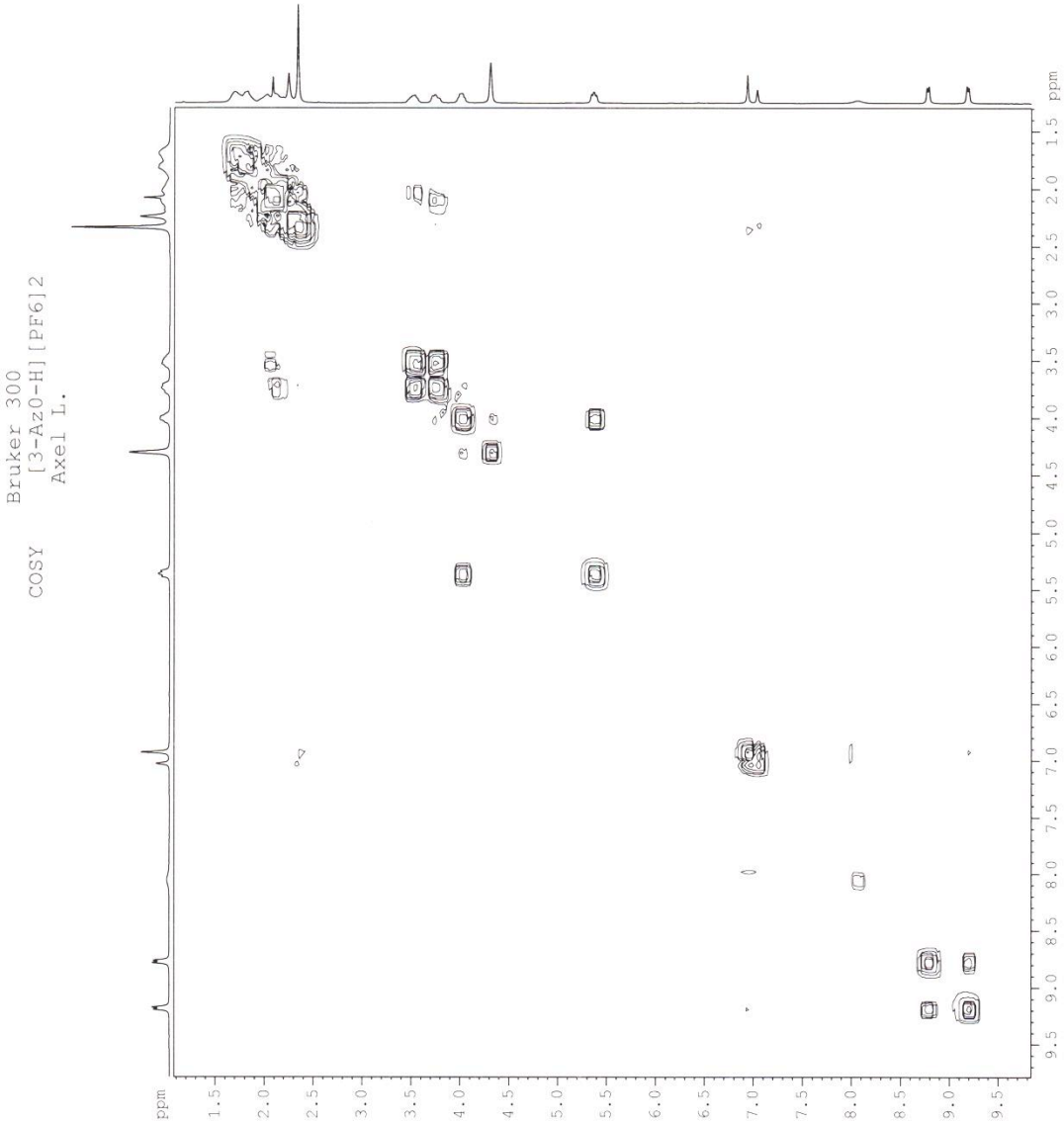
Eje Azo-H



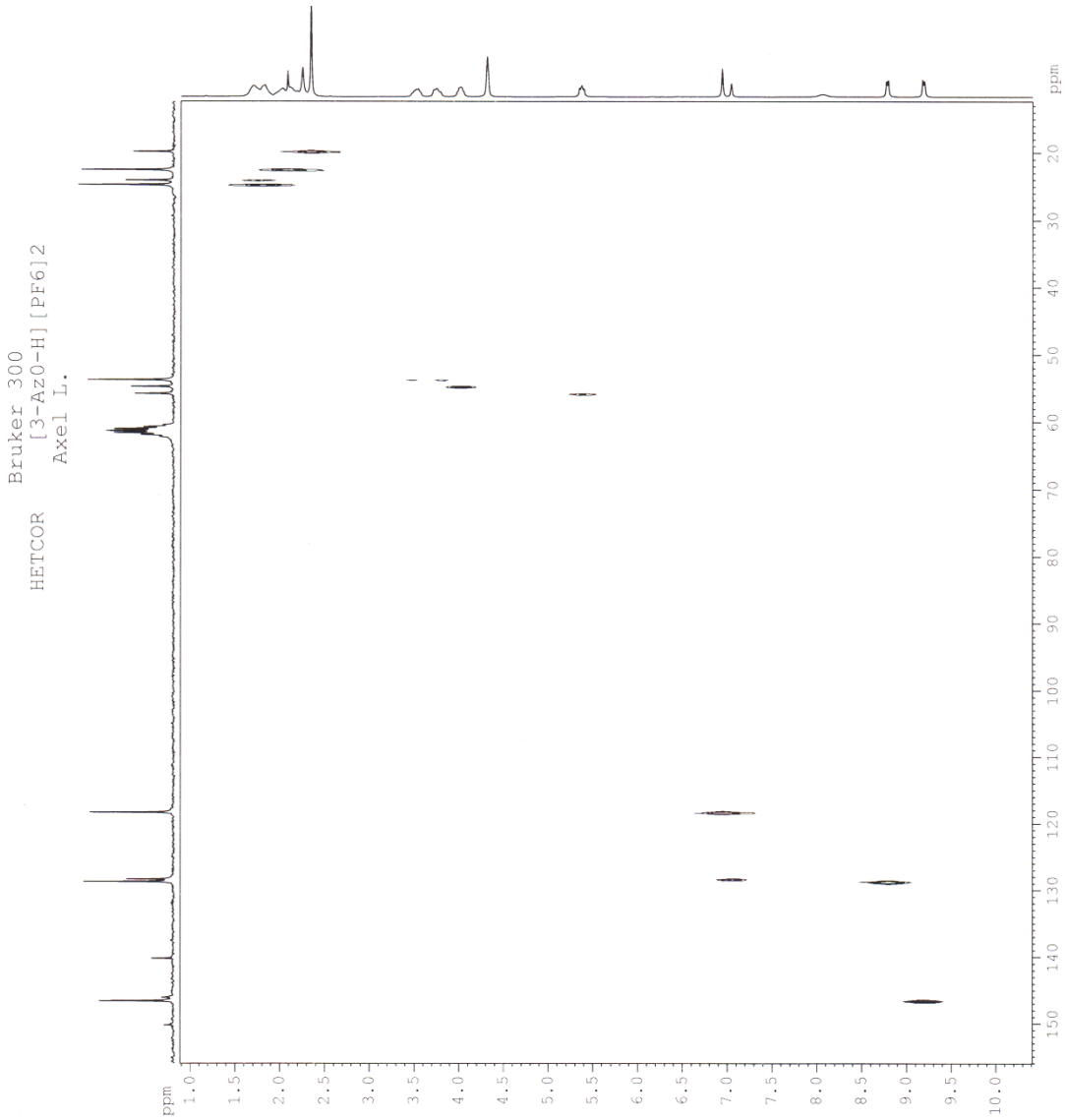
*Espectro 7. Espectro de RMN de ^{1}H del eje [Azo-H] (300MHz, CD_3NO_2, 20mM, *disolvente residual)*



*Espectro 8. Espectro de RMN de ^{13}C del eje [Azo-H] (100MHz, CD_3NO_2, 20mM, *disolvente residual)*

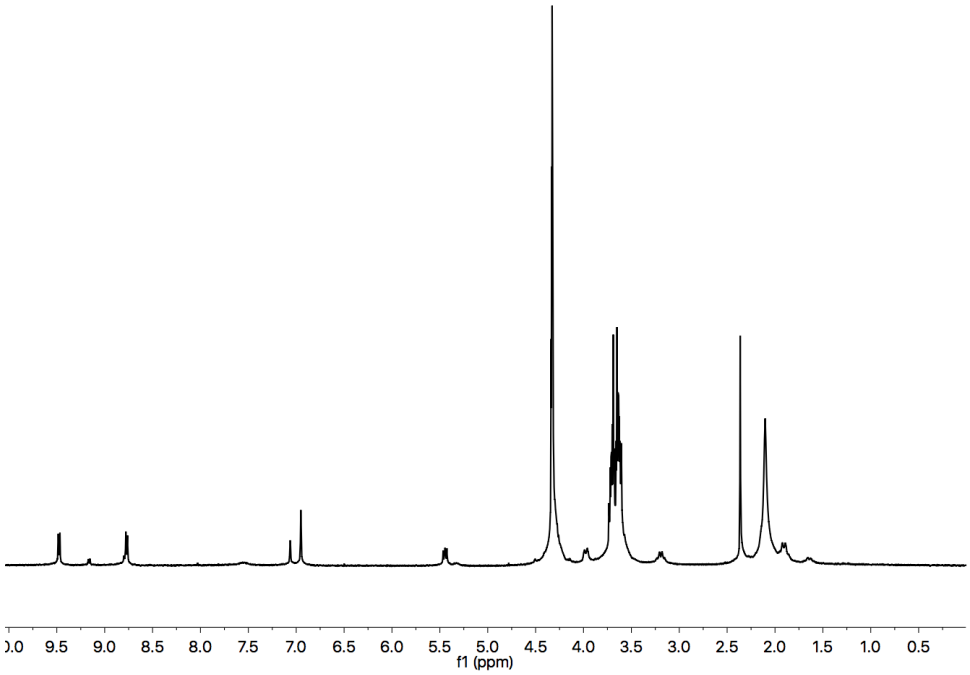


Espectro 9. COSY del eje [Azo]

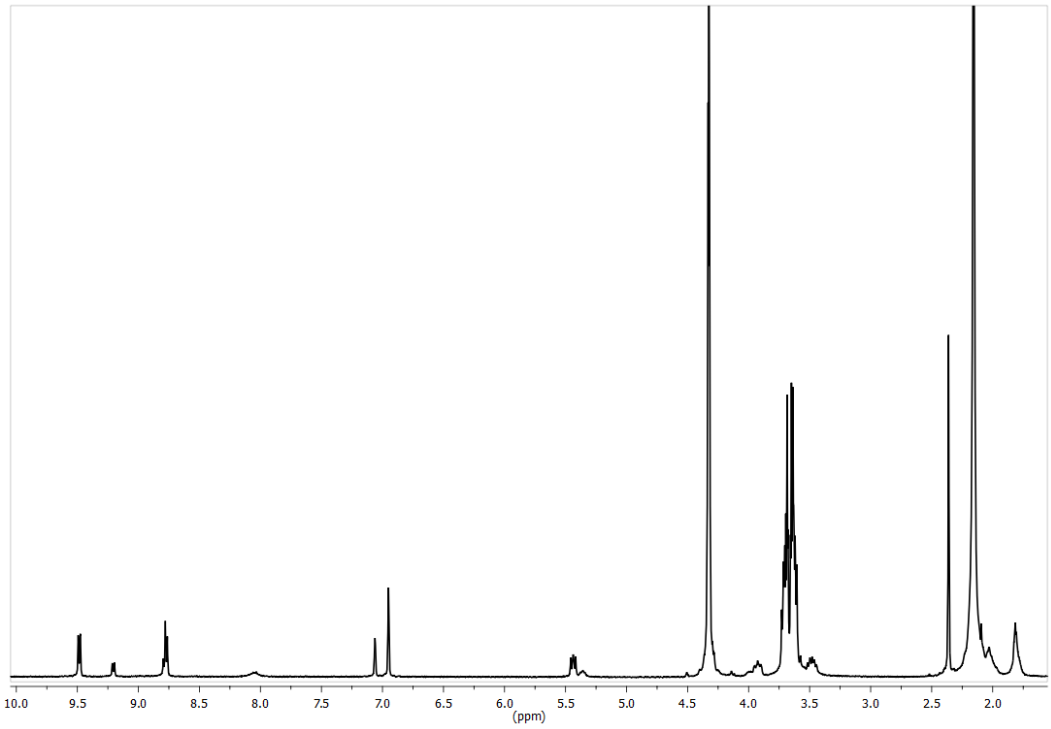


Espectro 10. HETCOR del eje [Azo]

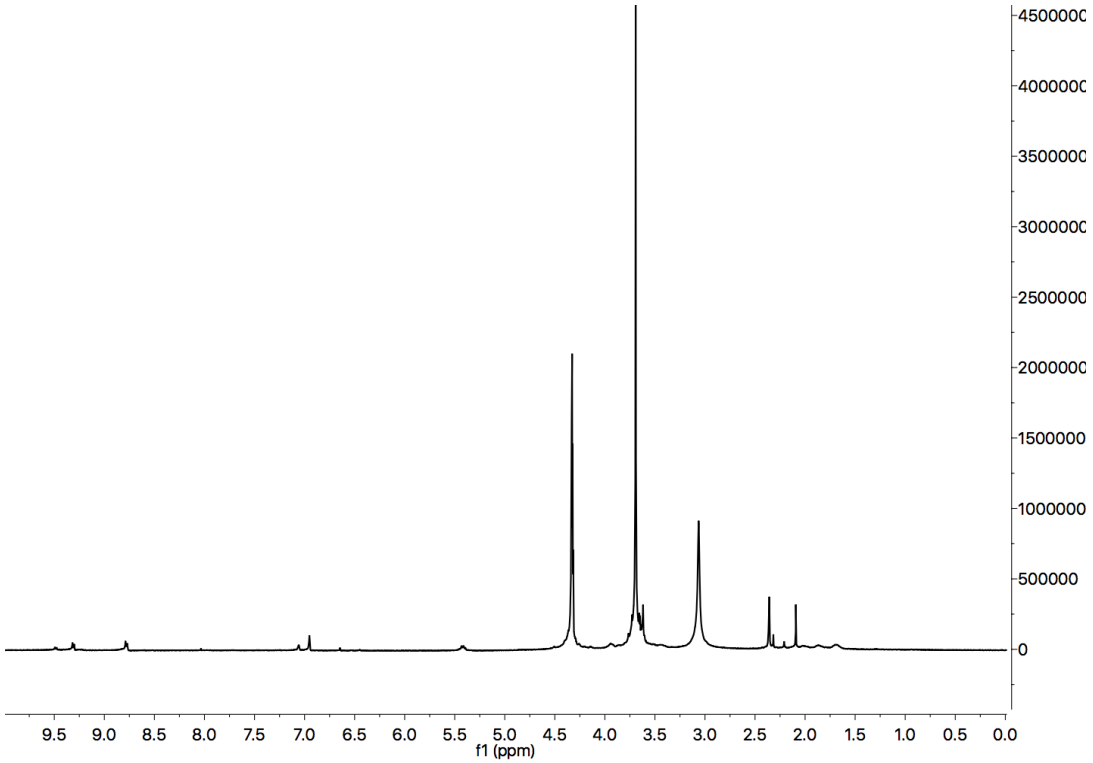
Pseudorrotaxanos



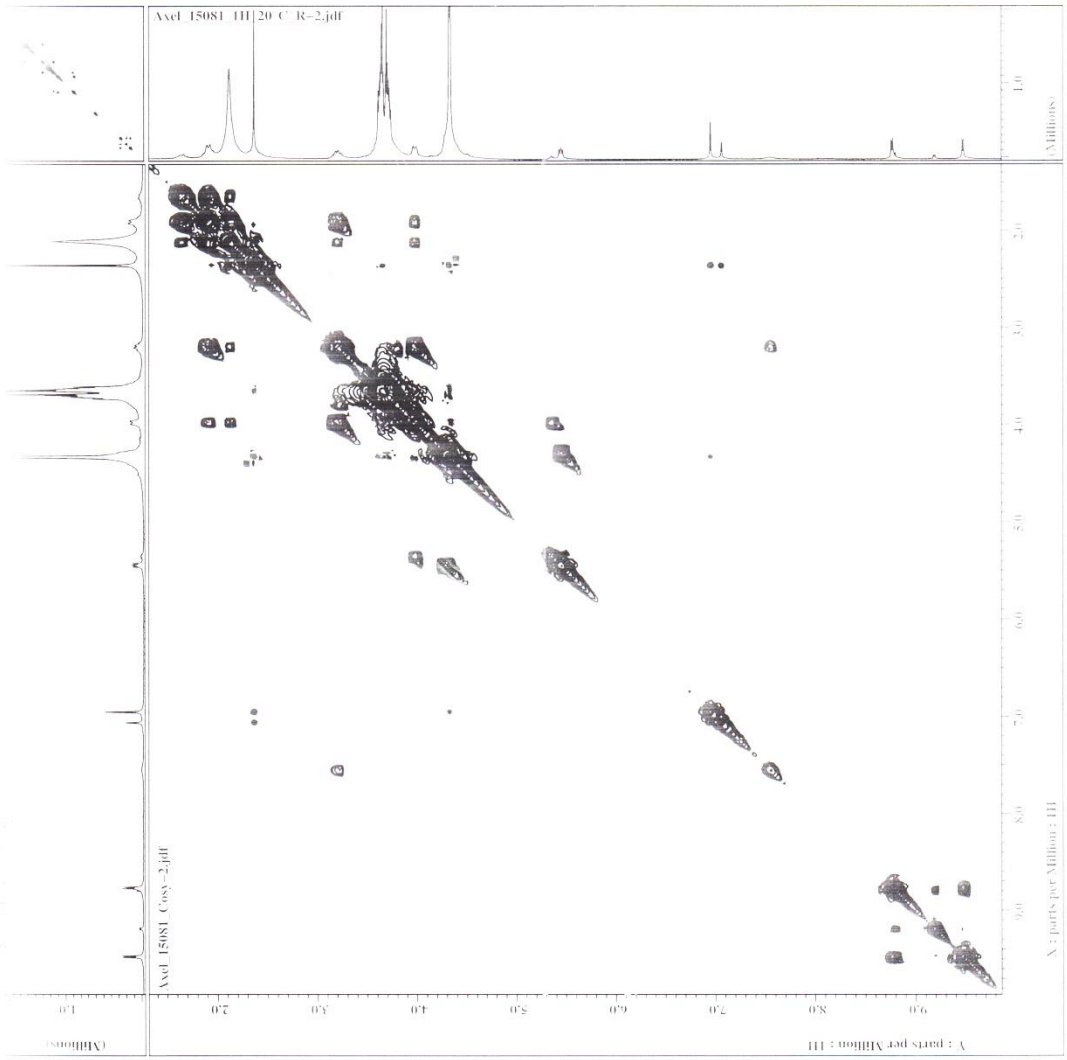
Espectro 11. Espectro de RMN de ^1H del sistema $[Pi\text{-}H]^{2+}$+24C8 (400MHz, CD_3NO_2, [eje]=[rueda]=0.01M)



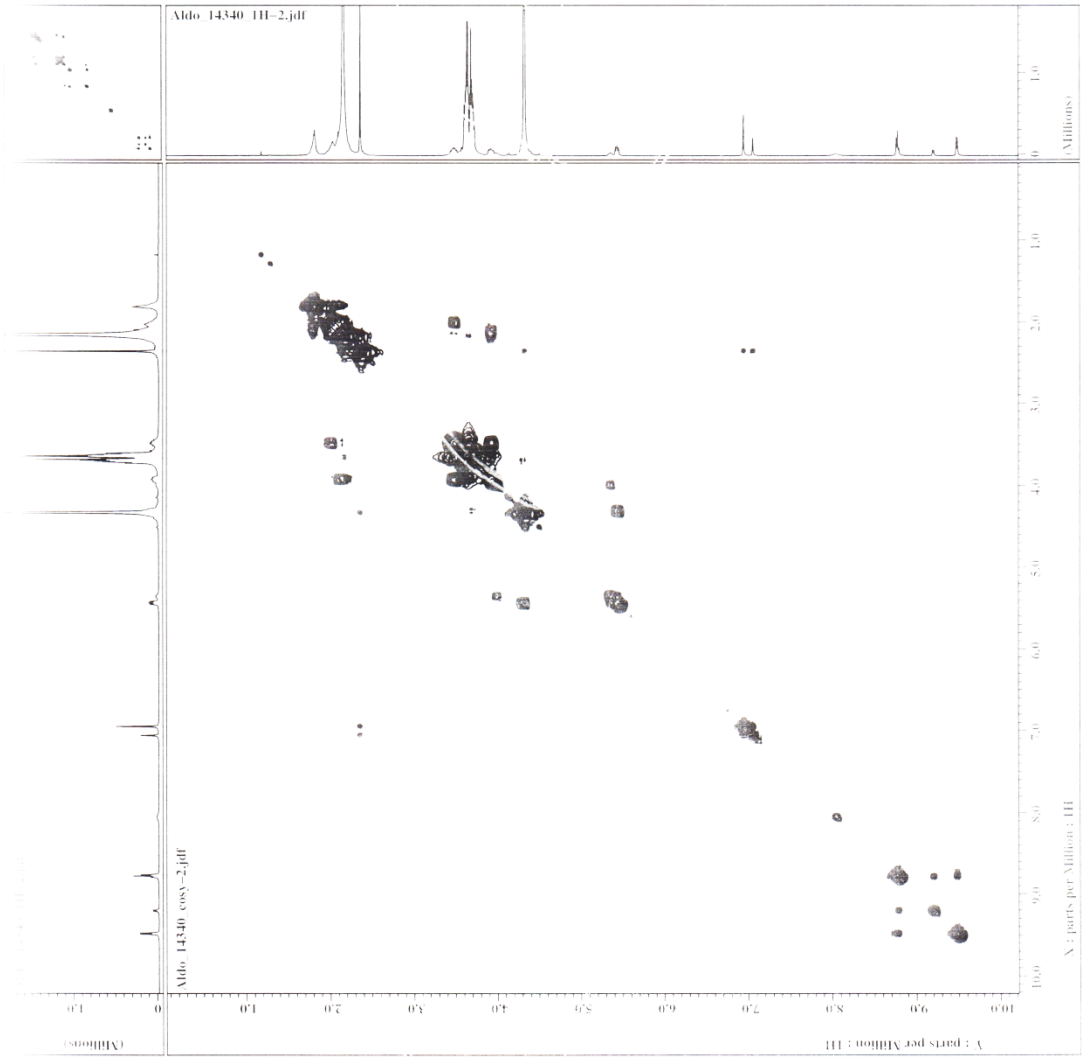
Espectro 12. Espectro de RMN de ^1H del sistema $[Aze\text{-}H]^{2+}$+ 24C8 (400MHz, CD_3NO_2, [eje]=[rueda]=0.01M)



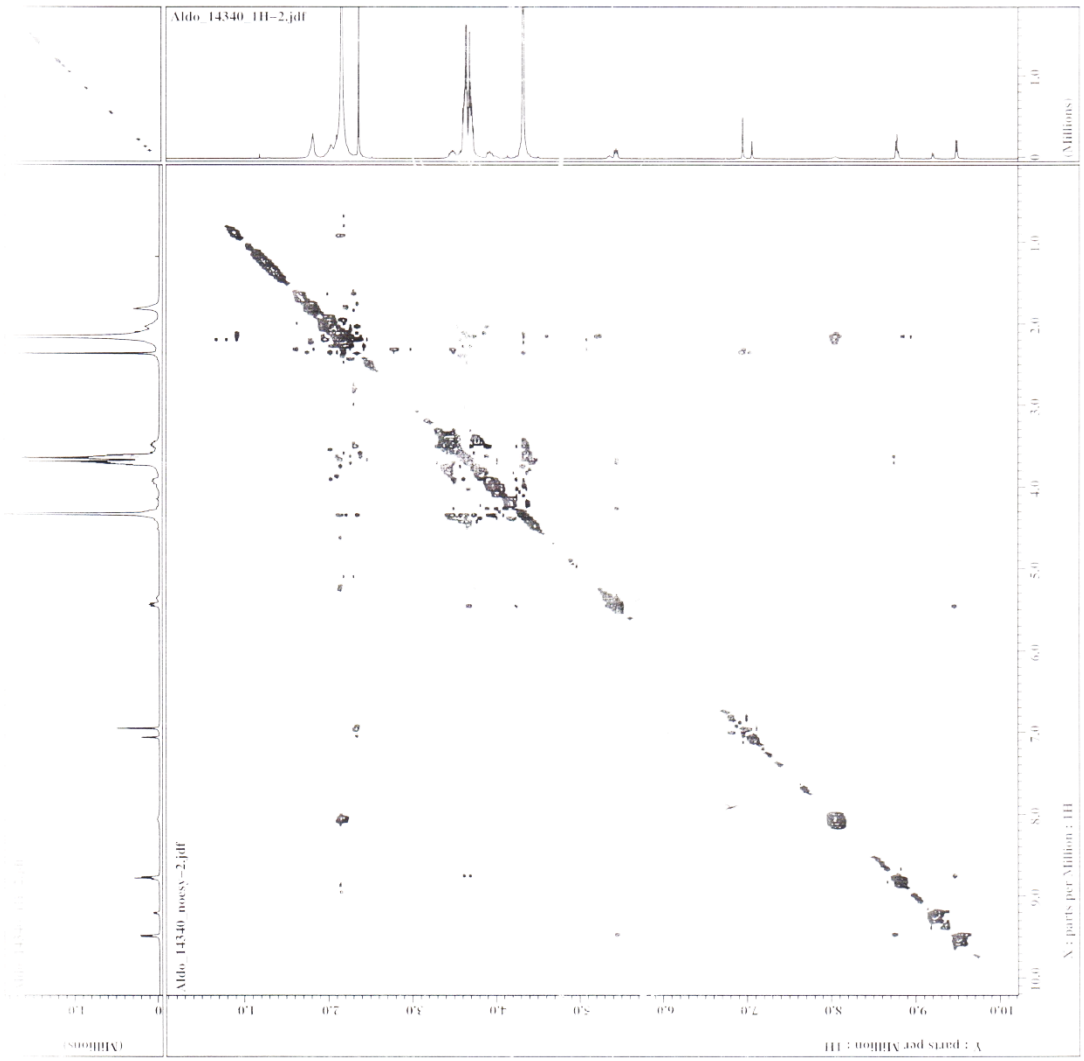
Espectro 13. Espectro de RMN de ^{1}H del sistema $[Azo\text{-}H]^{2+}$ +24C8 (400MHz, CD_3NO_2, [eje]=[rueda]=0.01M) después de permanecer a 50°C durante 18 días.



Espectro 14. COSY del sistema $[Pi\text{-}H]^{2+}$+24C8



Espectro 15. COSY del sistema $[Aze\text{-}H]^{2+}$+24C8



Espectro 16. NOESY del sistema [Aze-H]$^{2+}$+24C8