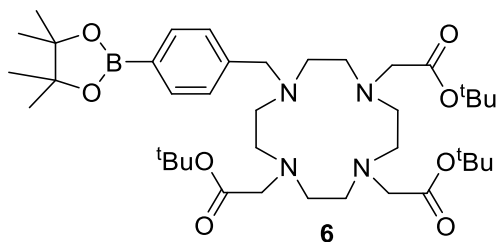


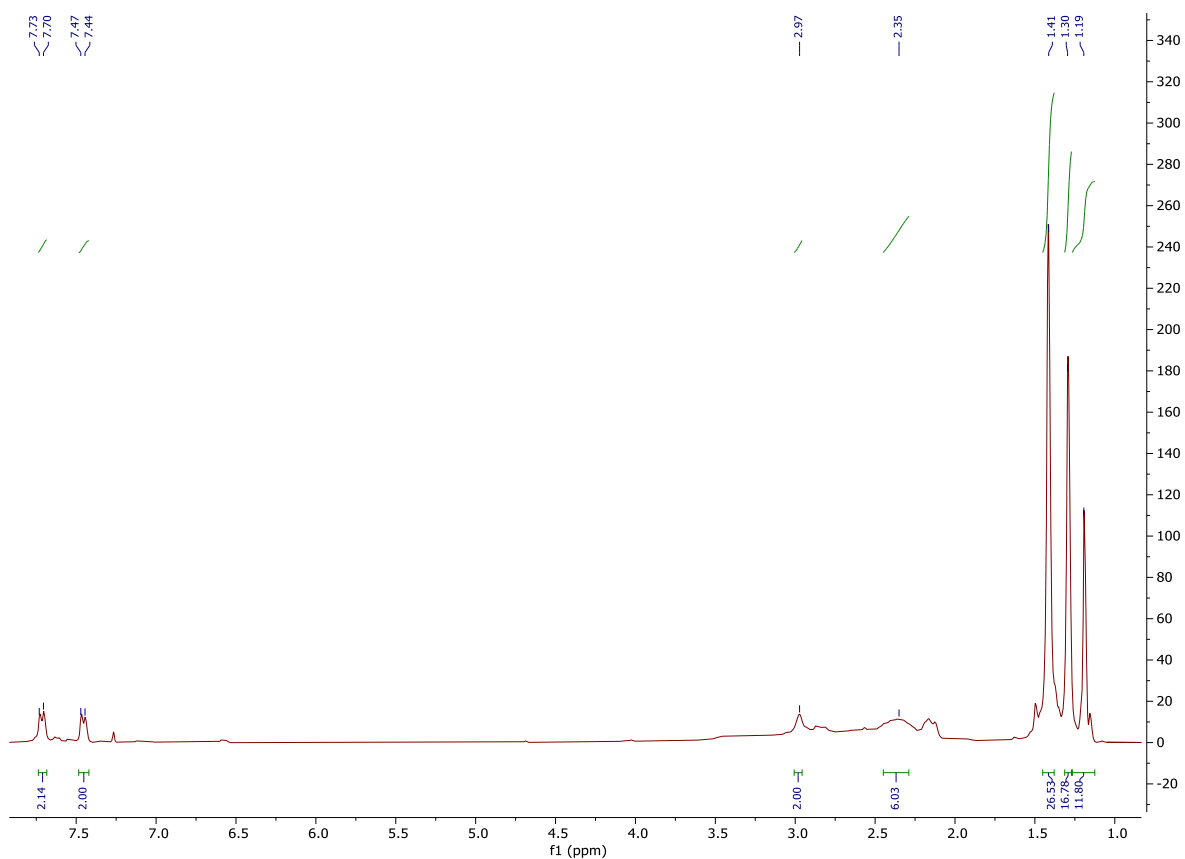
# ANEXO

## Caracterización median Resonancia Magnética Nuclear

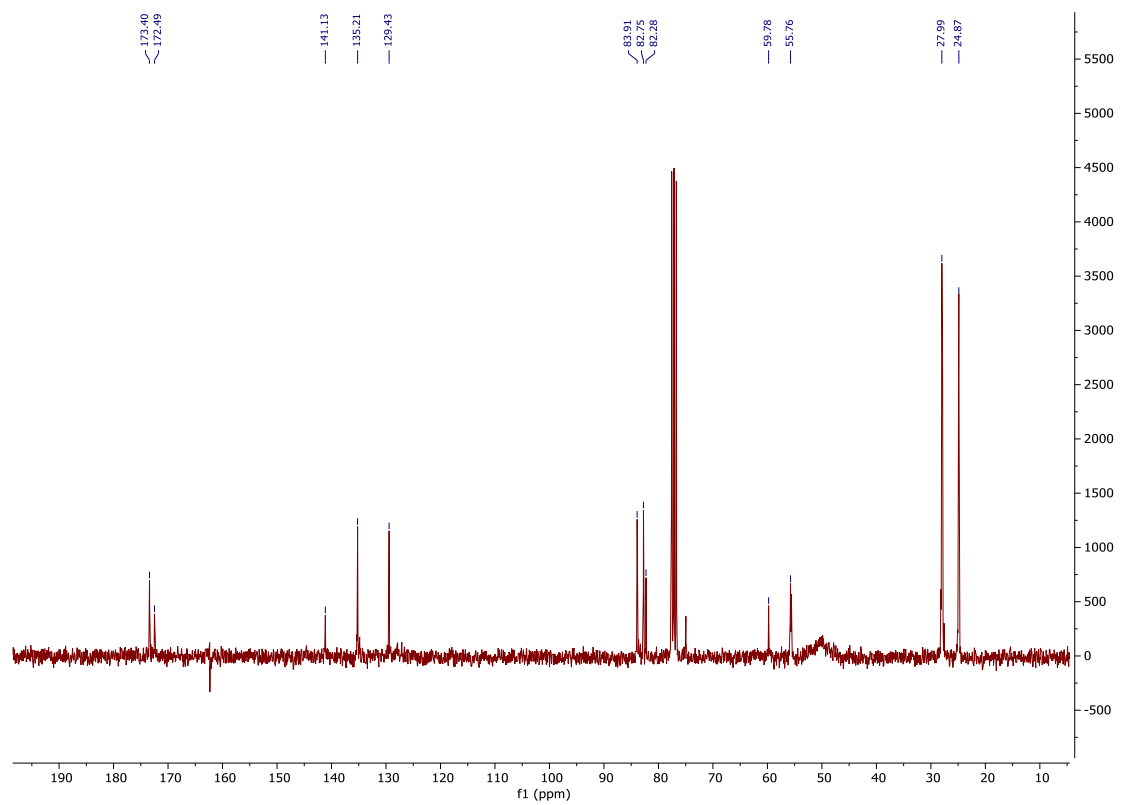
2,2',2''-(10-(4-(pinacolboranil)encil)-1,4,7,10-tetraazaciclododecano-1,4,7-triil) triacetato de *tert*-butilo (6).



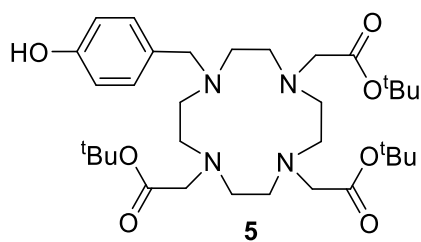
Espectro  $^1\text{H}$  RMN:



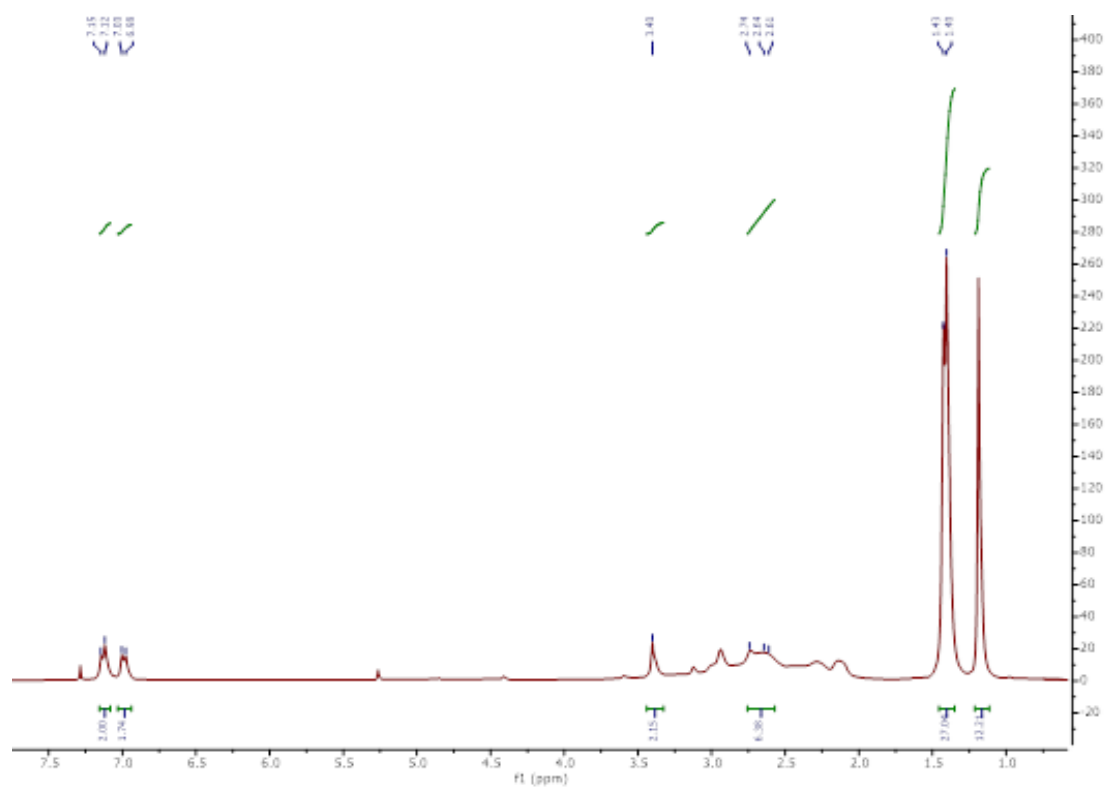
# Espectro $^{13}\text{C}$ RMN:



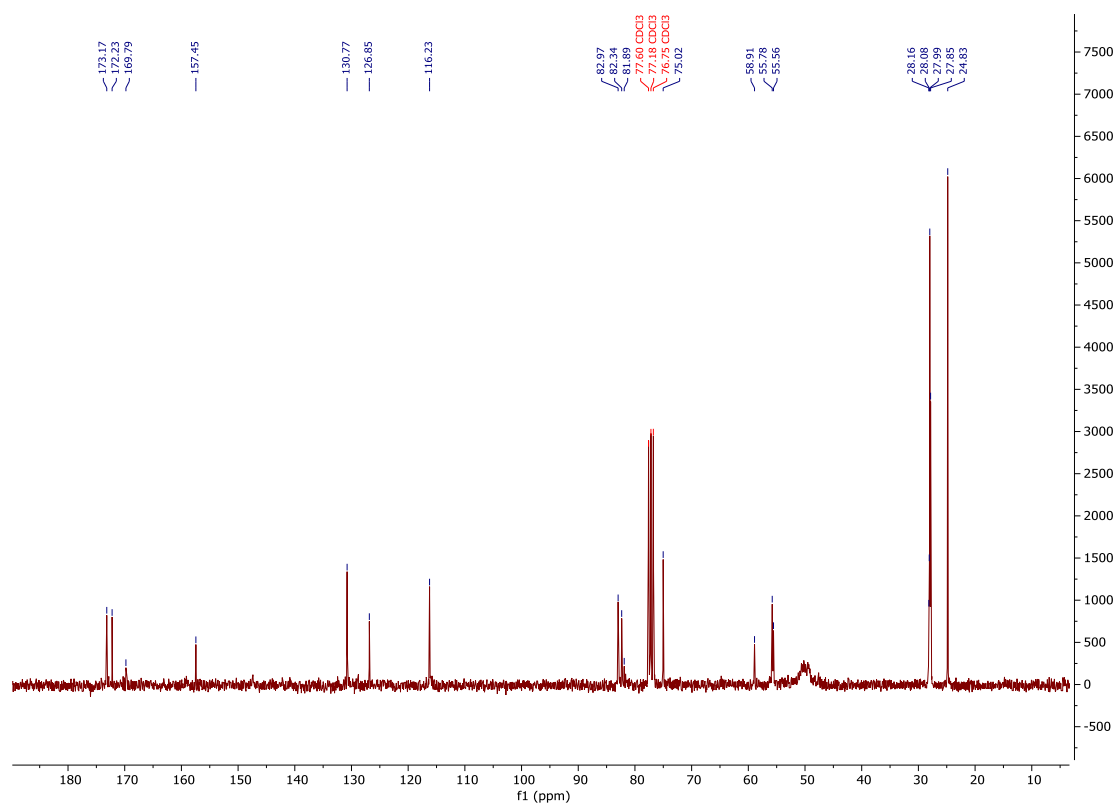
**2,2',2''-(10-(4-hidroxibencil)-1,4,7,10-tetraazaciclo dodecano-1,4,7-triil)-triacetato de *tert*-butilo (5).**



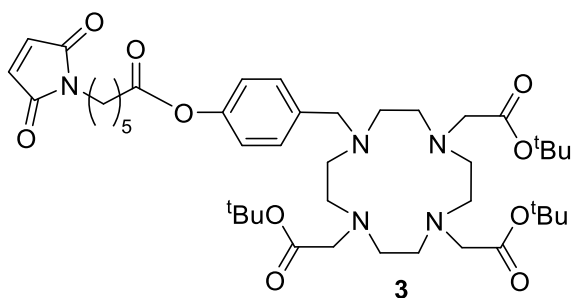
Espectro  $^1\text{H}$  RMN:



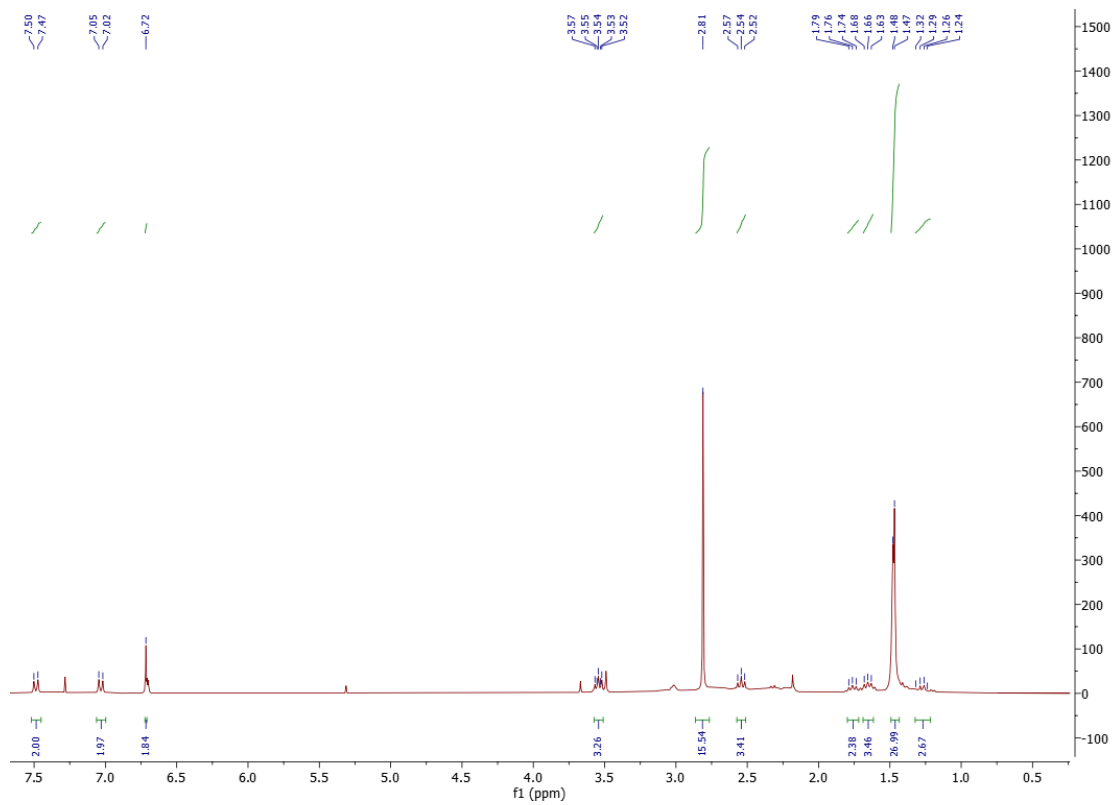
# Espectro $^{13}\text{C}$ RMN:



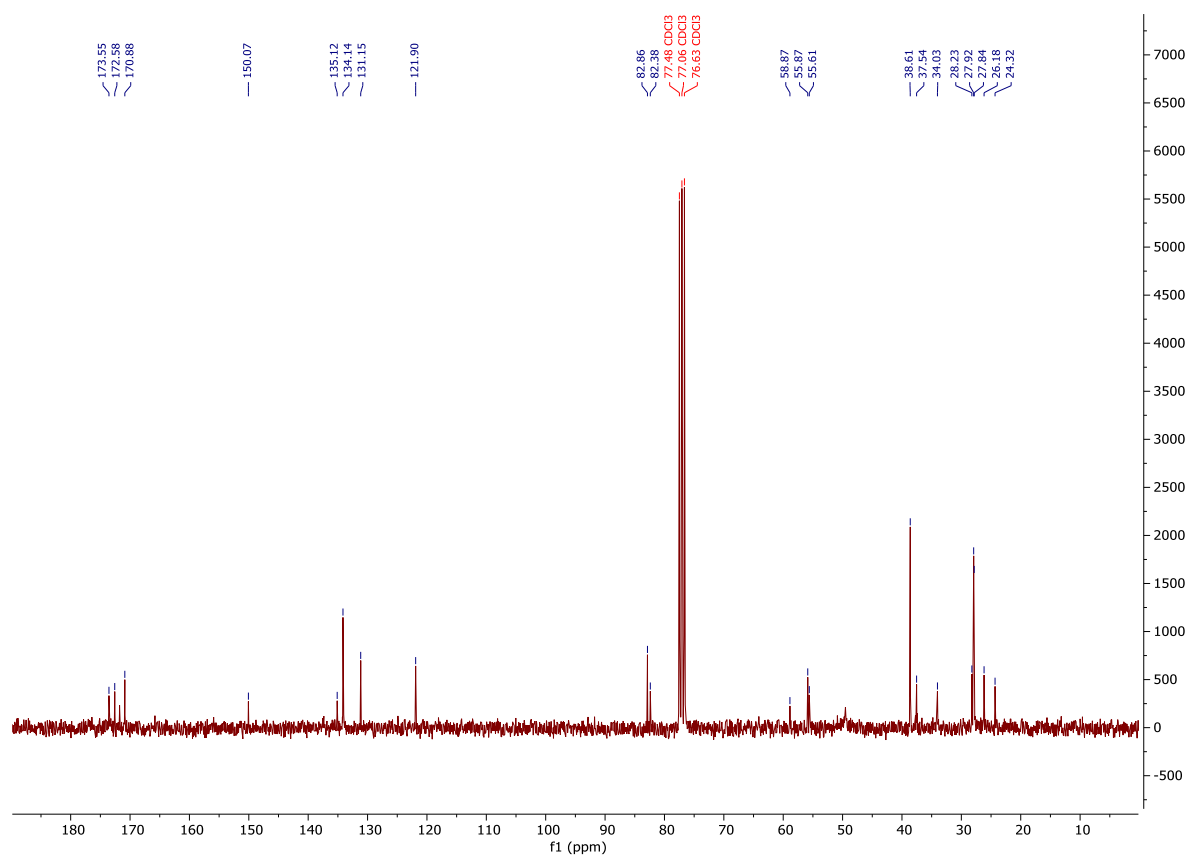
**2,2',2''-(10-(4-((6-maleimidohexanoil)oxi)bencil)-1,4,7,10-tetraazaciclododecano-1,4,7-triil)triacetato de *tert*-butilo (3).**



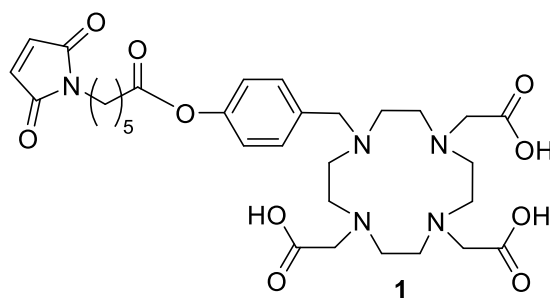
Espectro <sup>1</sup>H RMN:



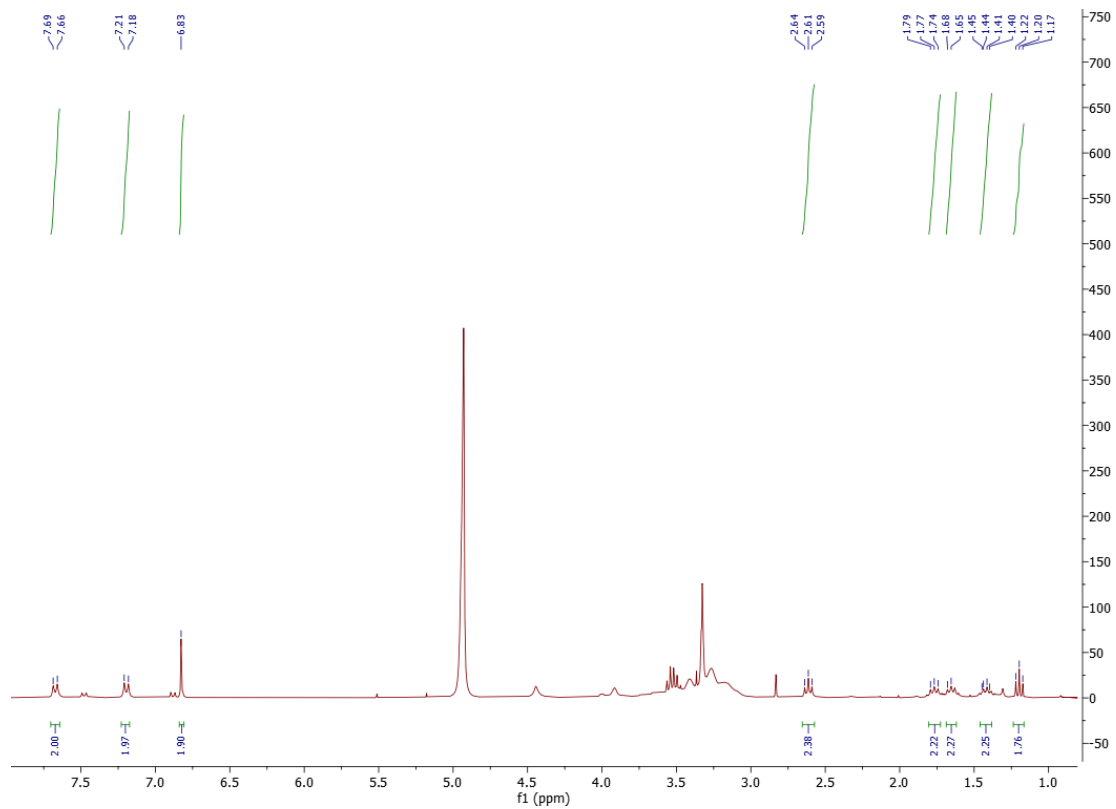
# Espectro $^{13}\text{C}$ RMN:



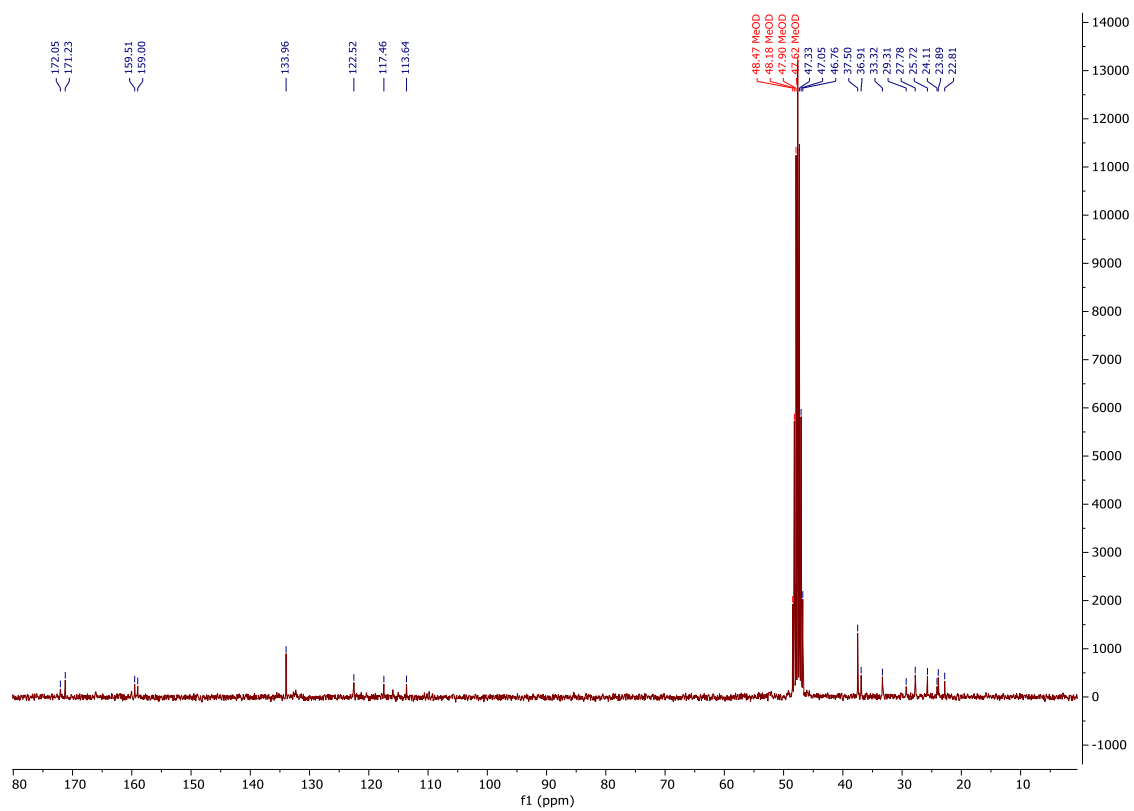
**Ácido 2,2',2''-(10-(4-((6-maleimido)hexanoil)oxi)bencil)-1,4,7,10-tetraazaciclo dodecano-1,4,7-triil)triacético (1).**



Espectro <sup>1</sup>H RMN:

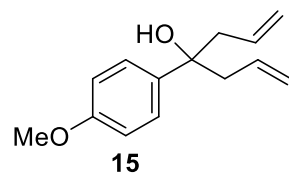


# Espectro $^{13}\text{C}$ RMN:

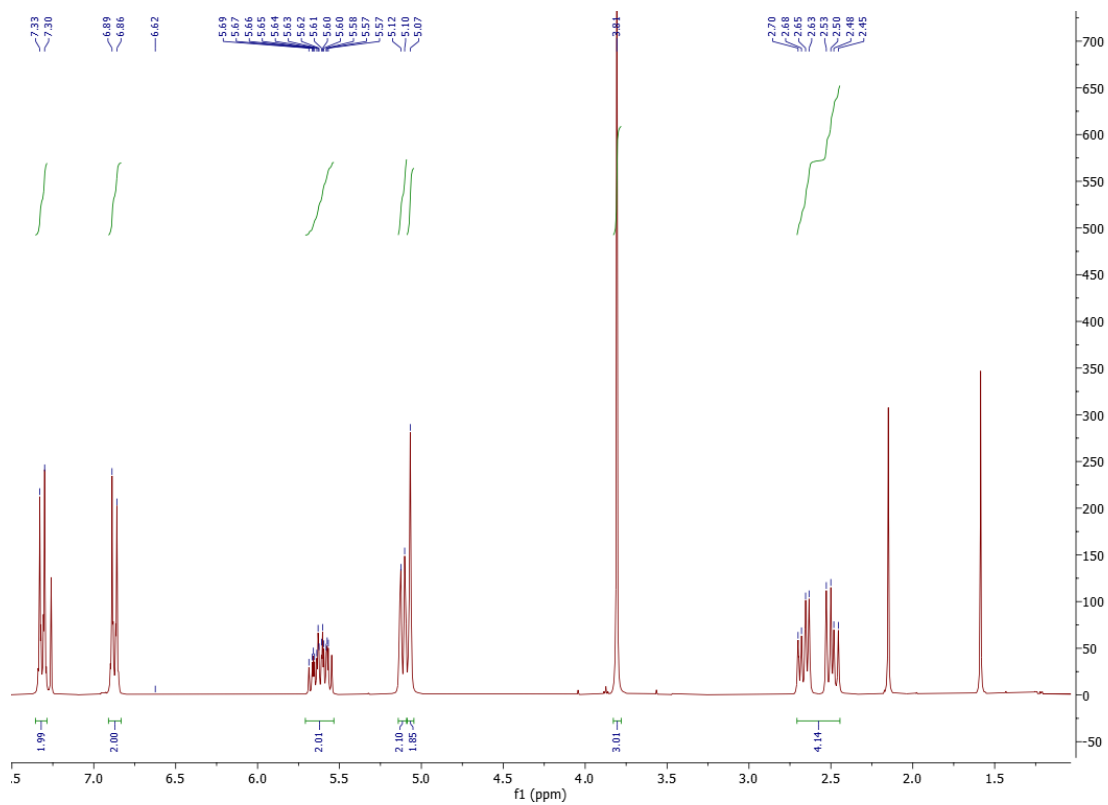




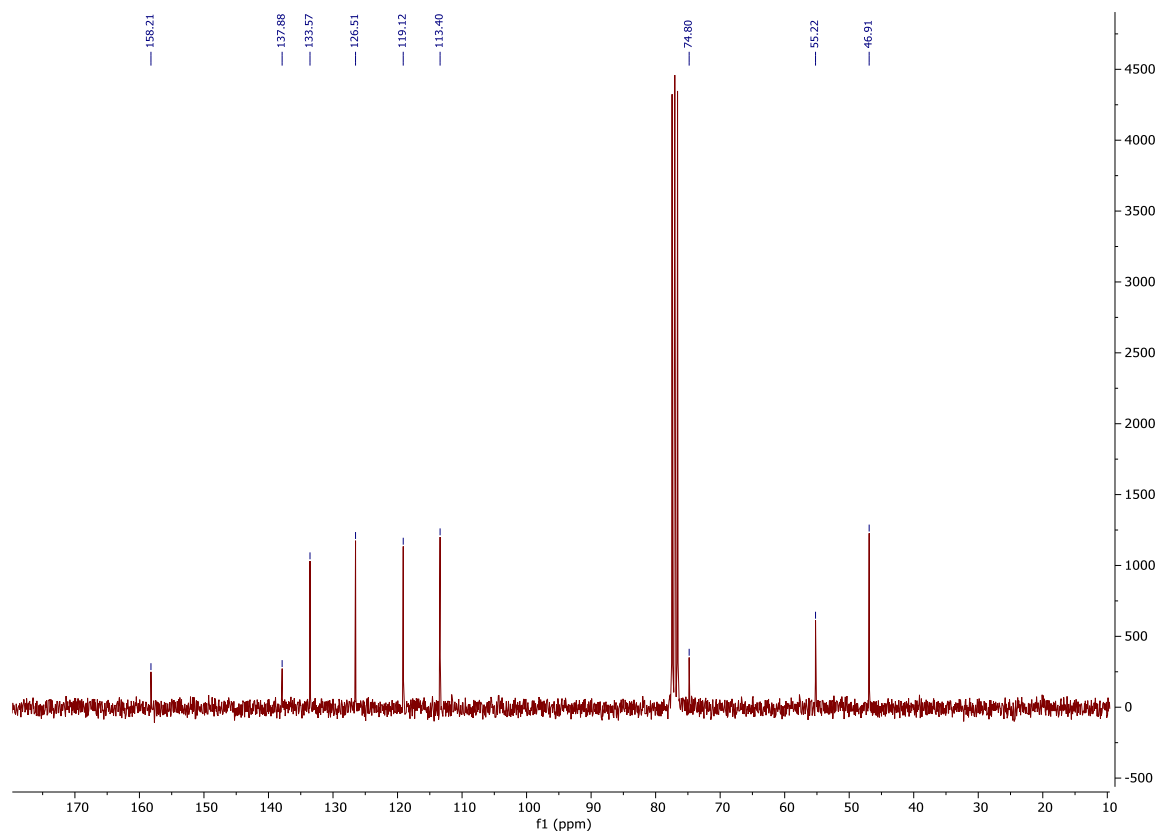
### 4-(4-metoxifenil)hepta-1,6-dien-4-ol (13)



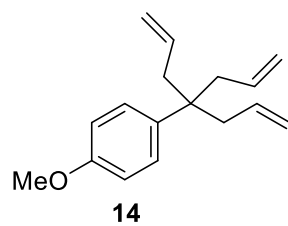
Espectro  $^1\text{H}$  RMN:



Espectro  $^{13}\text{C}$  RMN:



### 1-(4-alihepta-1,6-dien-4-il)-4-metoxibenceno (14)



Espectro <sup>1</sup>H RMN:

