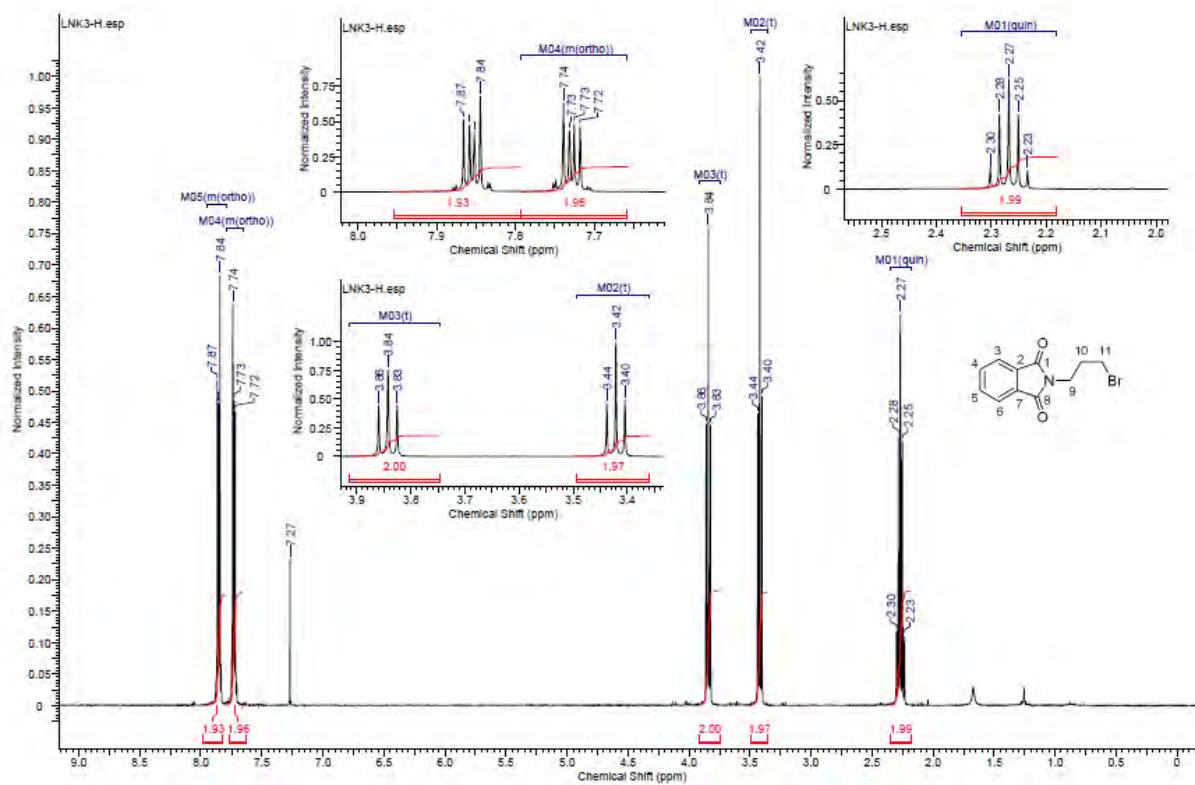
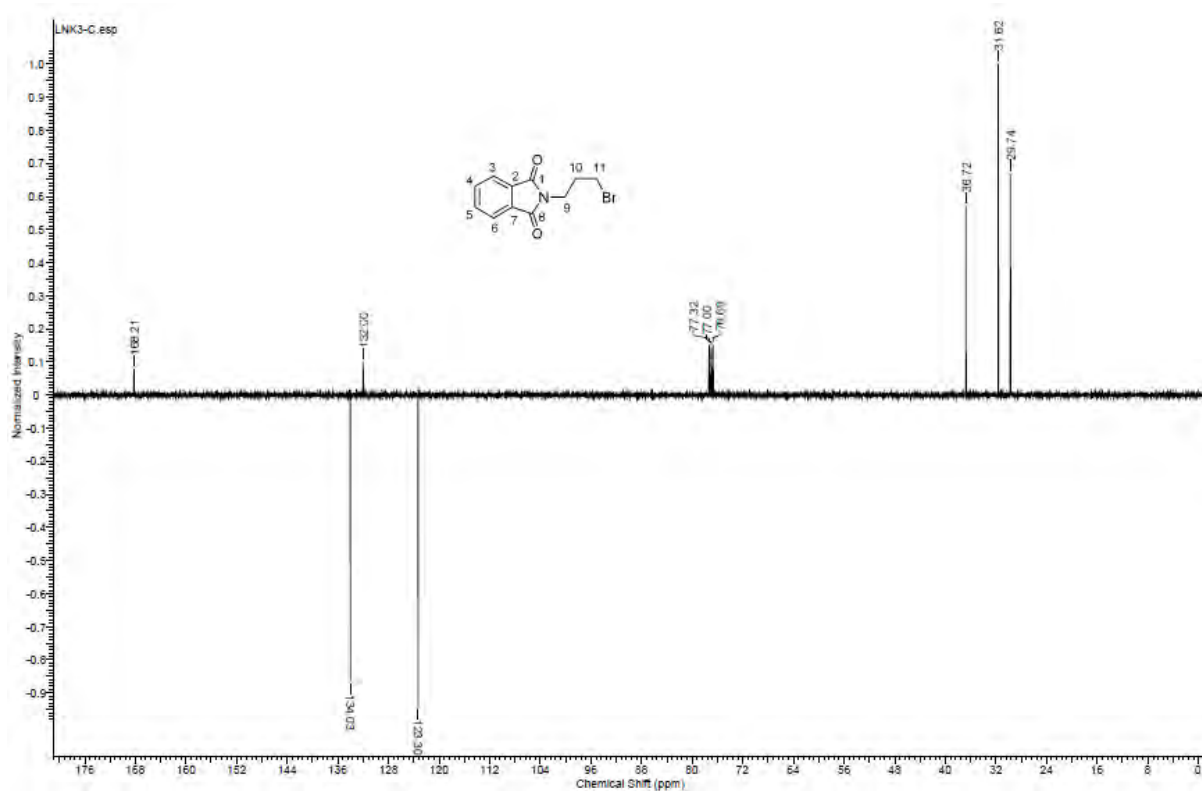


7) ANEXOS

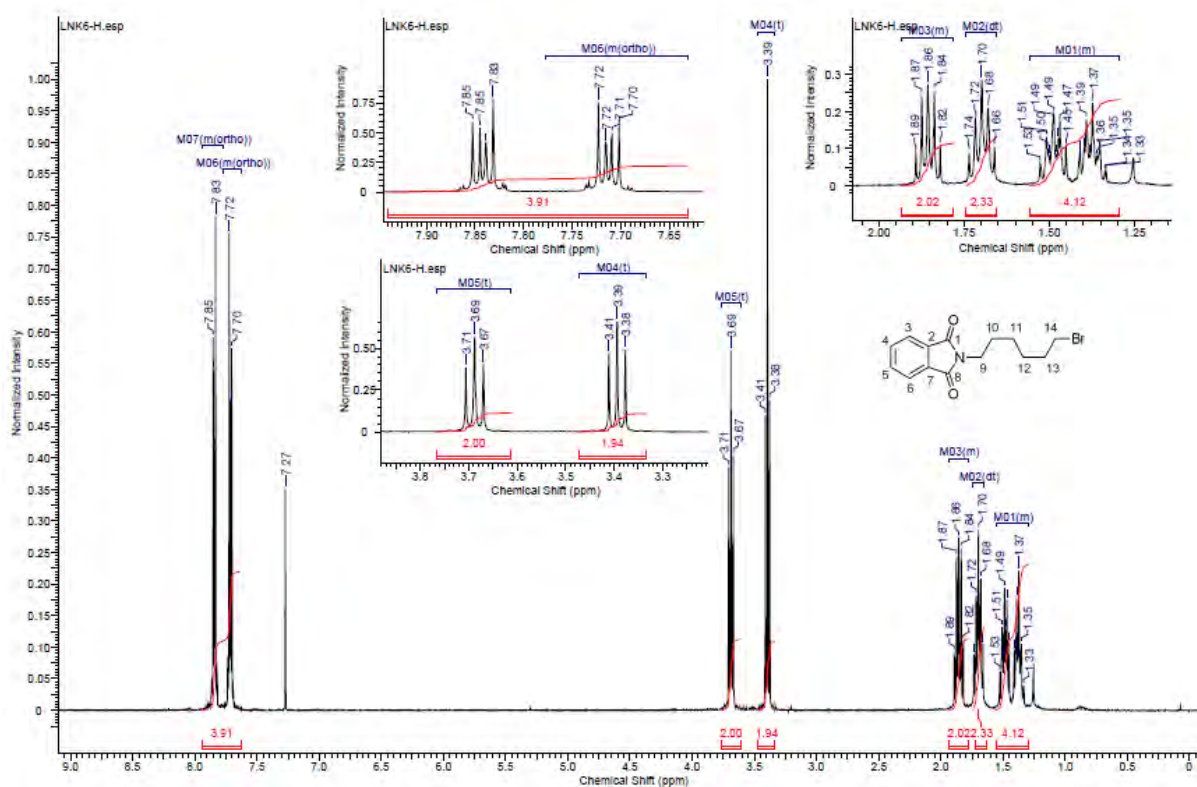
7.1) Espectro de RMN ^1H do produto 56a em CDCl_3 à 400MHz.



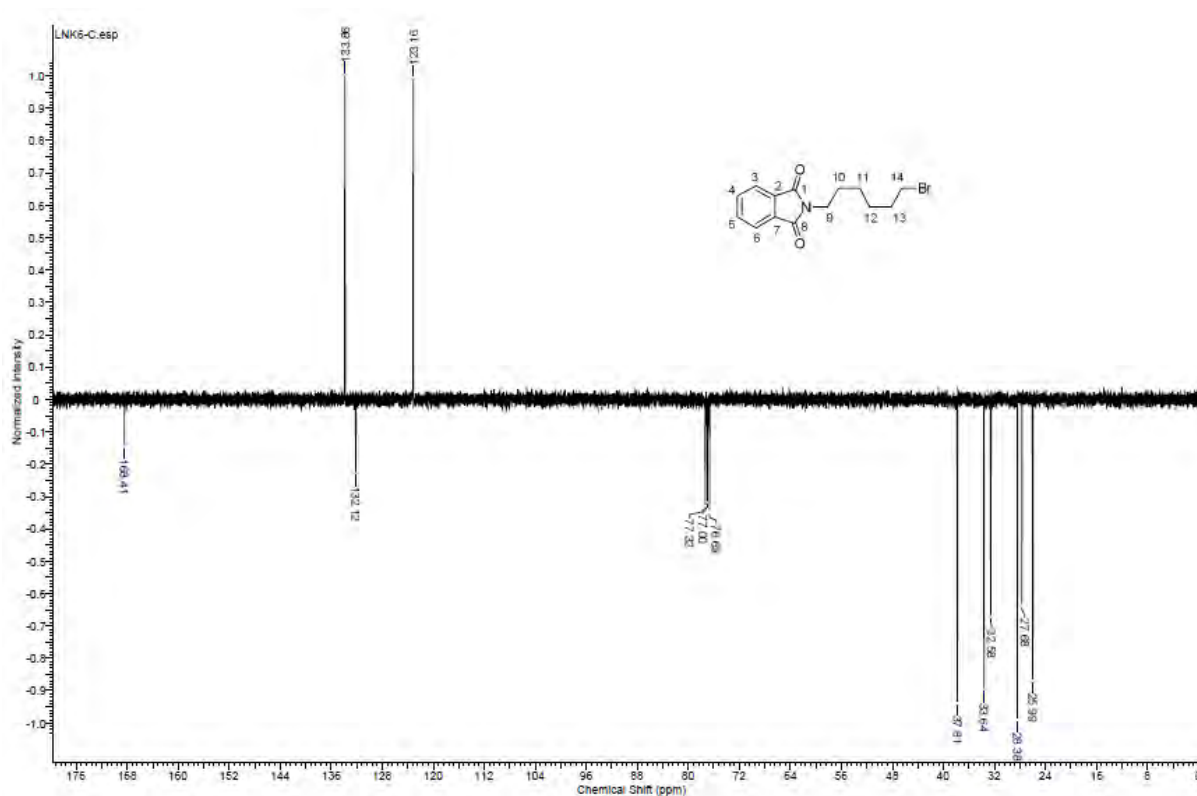
7.2) Espectro de RMN ^{13}C do produto 56a em CDCl_3 à 100MHz.



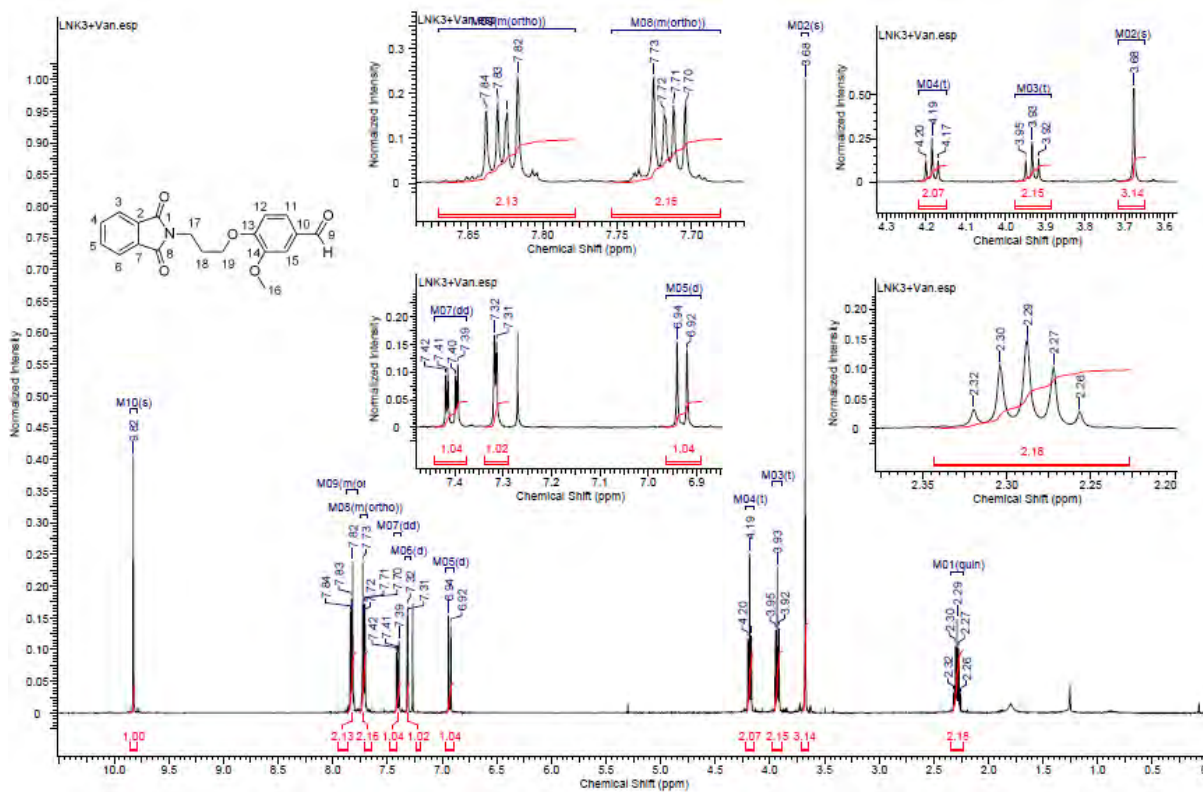
7.7) Espectro de RMN ¹H do produto 56d em CDCl₃ à 400MHz.



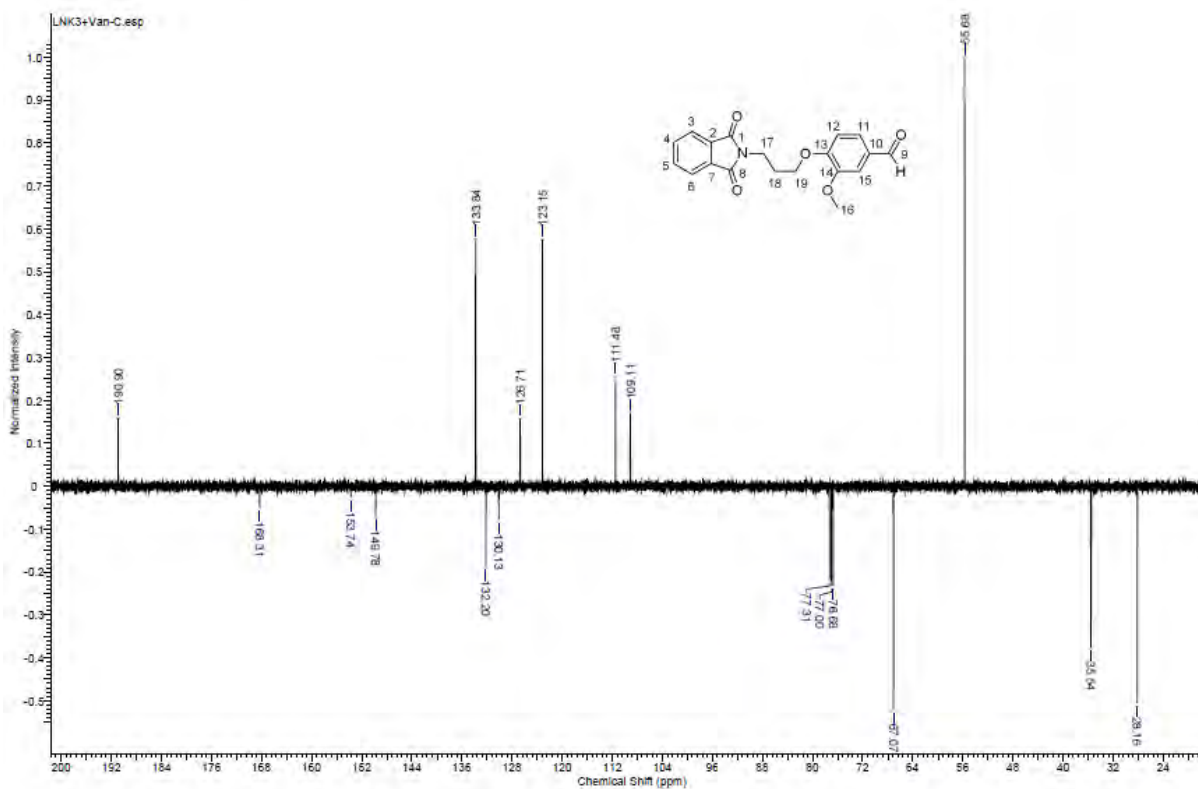
7.8) Espectro de RMN ¹³C do produto 56d em CDCl₃ à 100MHz.



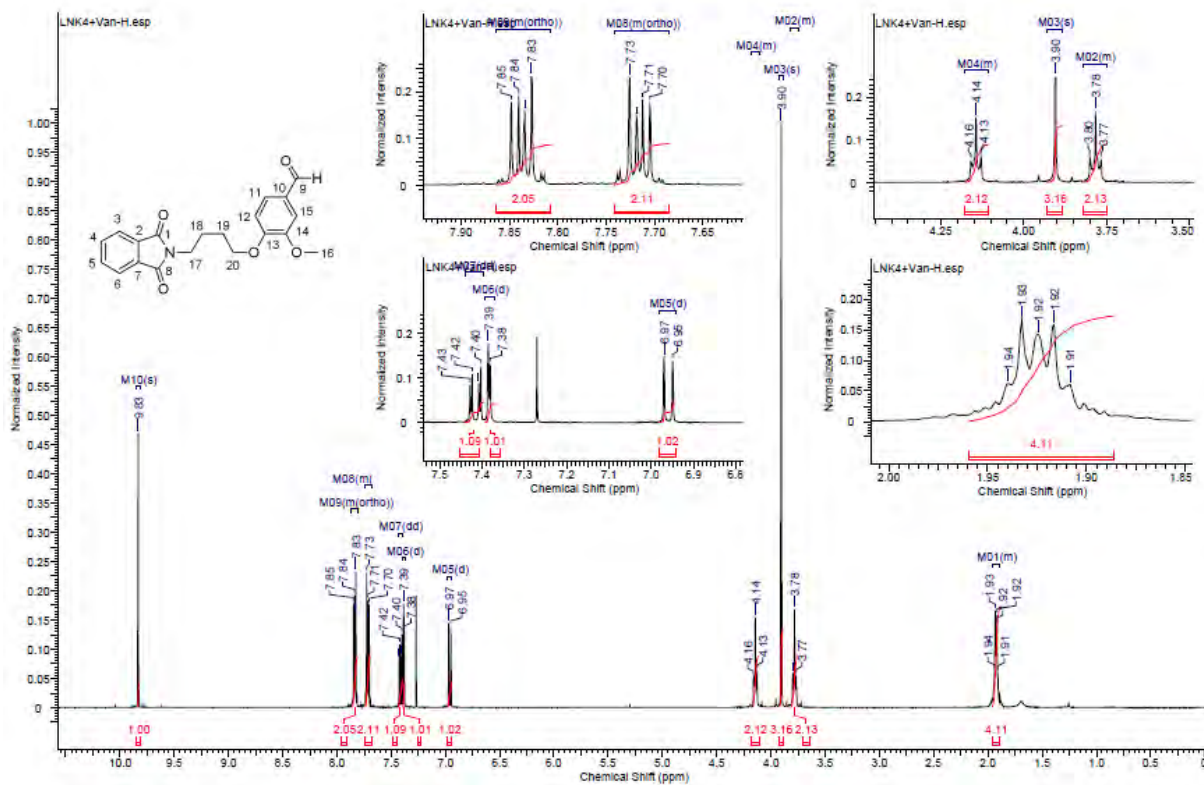
7.9) Espectro de RMN ^1H do produto 58a em CDCl_3 à 400MHz.



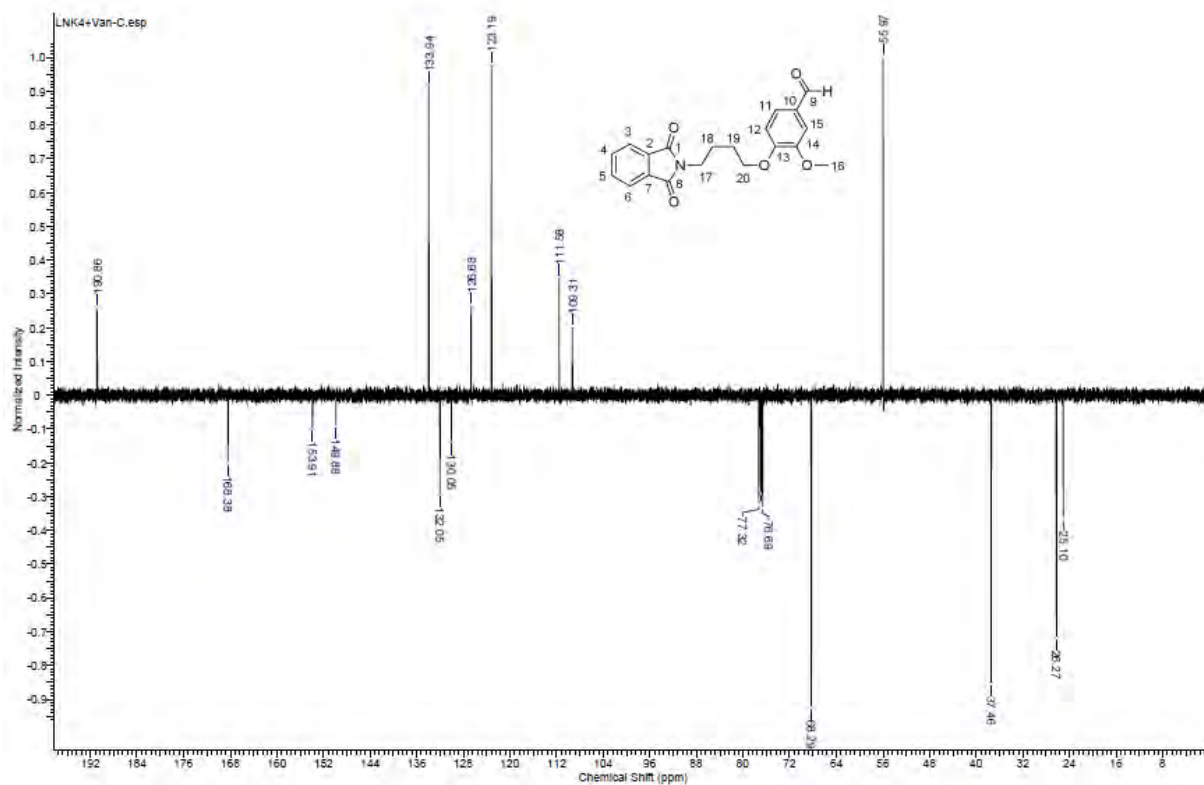
7.10) Espectro de RMN ^{13}C do produto 58a em CDCl_3 à 100MHz.



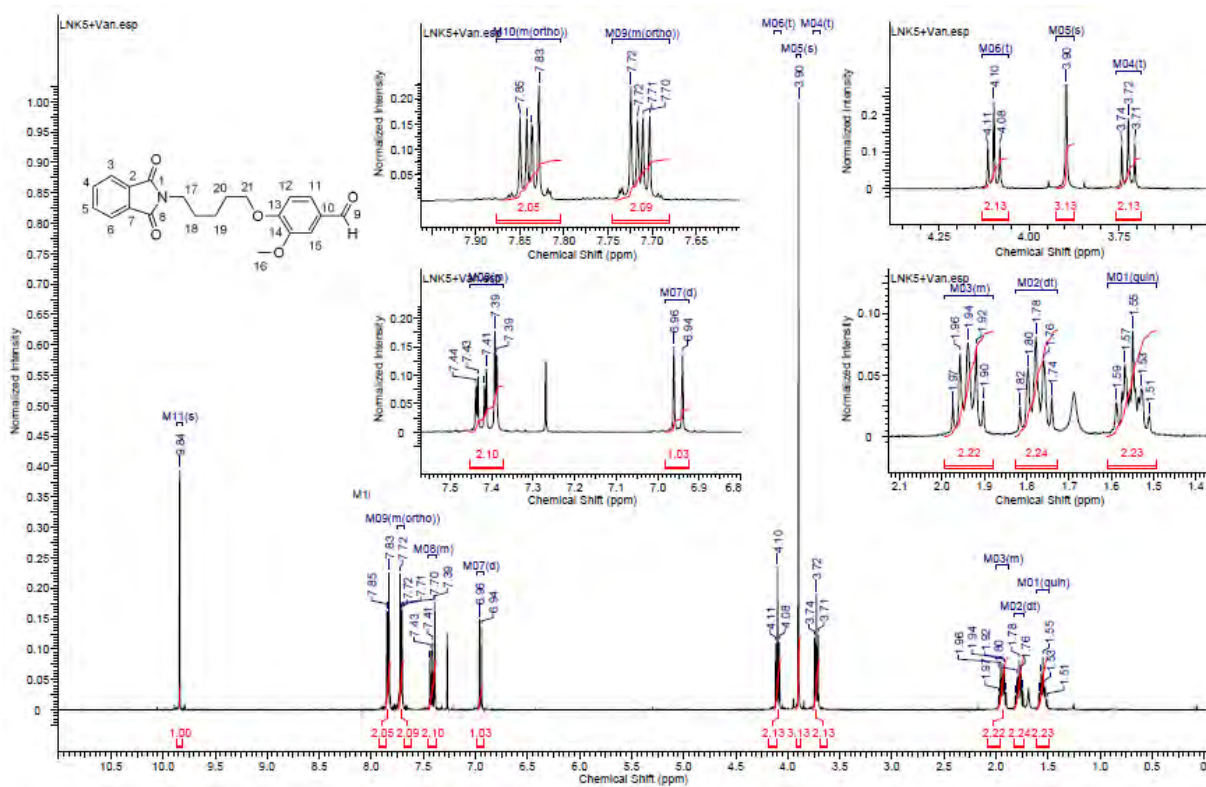
7.11) Espectro de RMN ¹H do produto 58b em CDCl₃ à 400MHz.



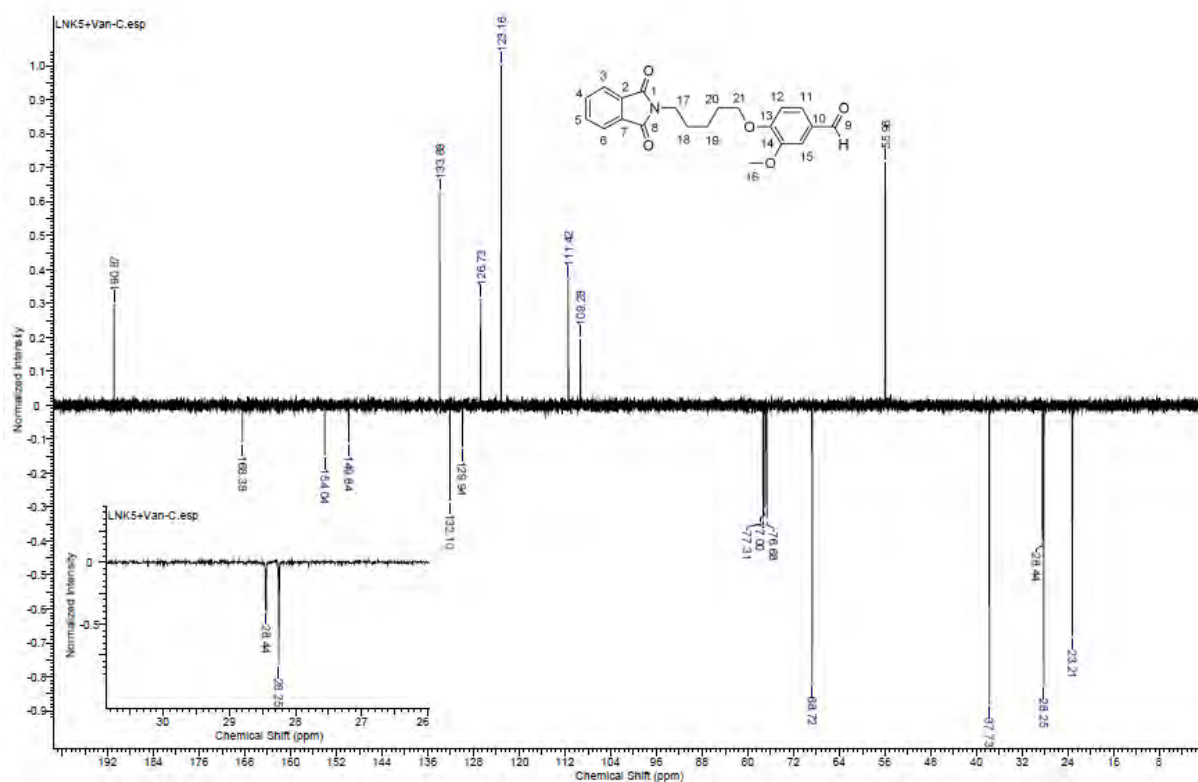
7.12) Espectro de RMN ¹³C do produto 58b em CDCl₃ à 100MHz.



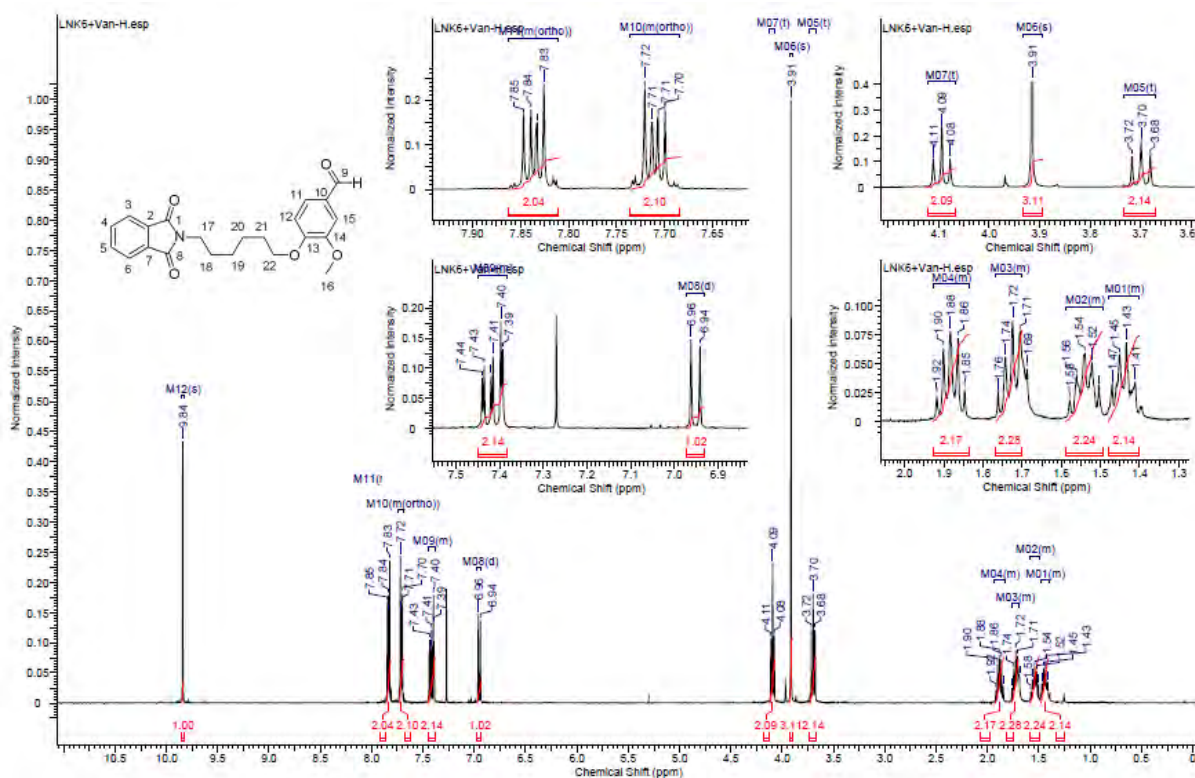
7.13) Espectro de RMN ^1H do produto 58c em CDCl_3 à 400MHz.



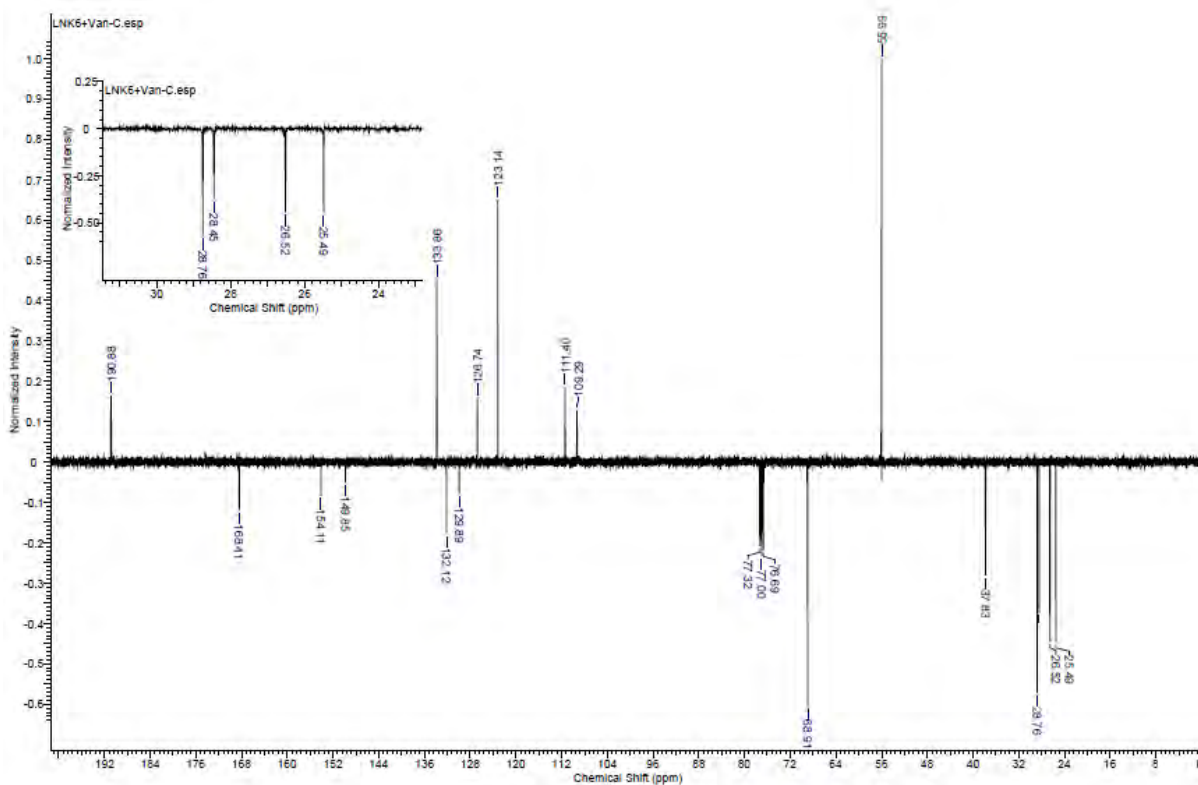
7.14) Espectro de RMN ^{13}C do produto 58c em CDCl_3 à 100MHz.



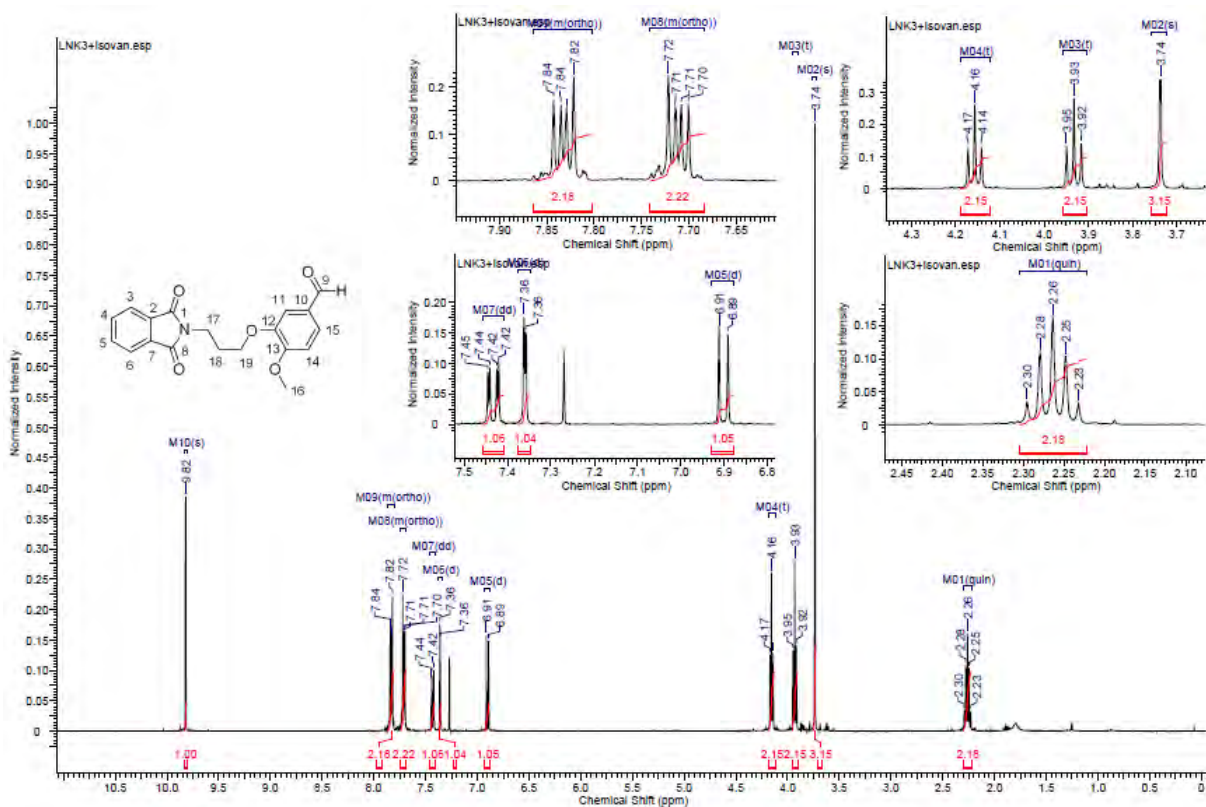
7.15) Espectro de RMN ¹H do produto 58d em CDCl₃ à 400MHz.



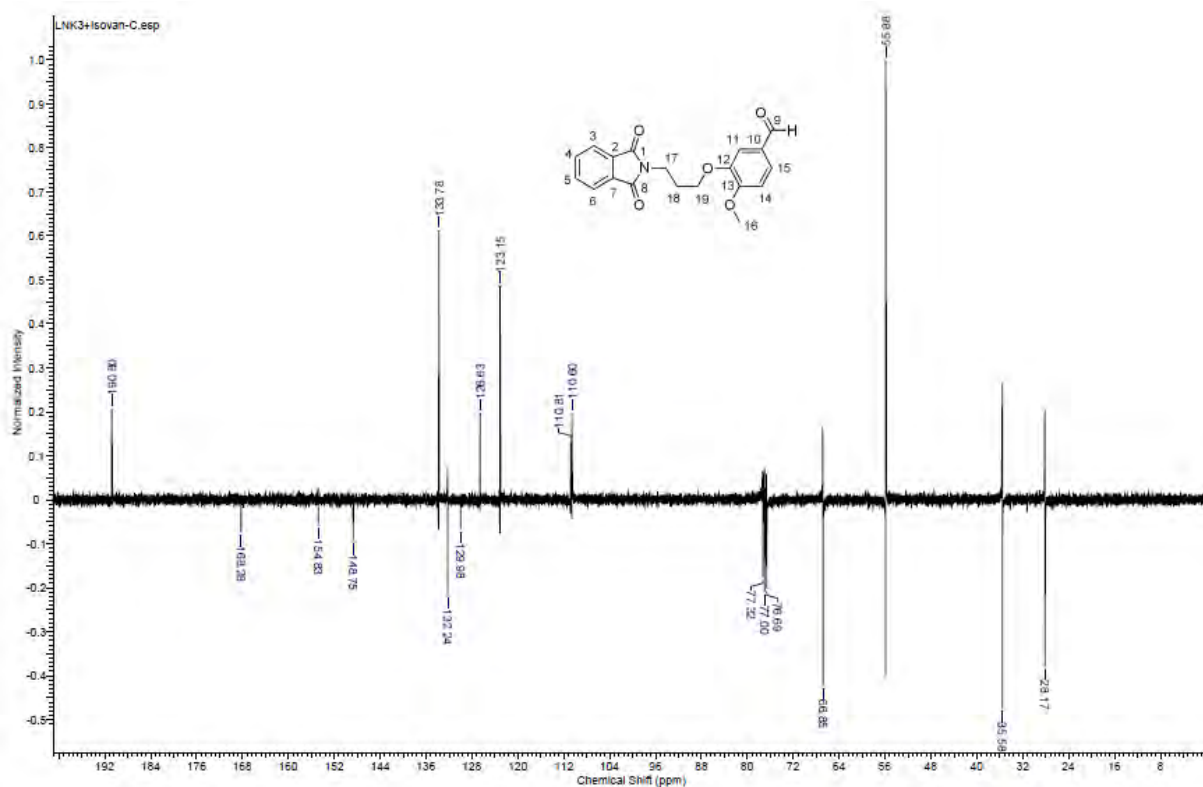
7.16) Espectro de RMN ¹³C do produto 58d em CDCl₃ à 100MHz.



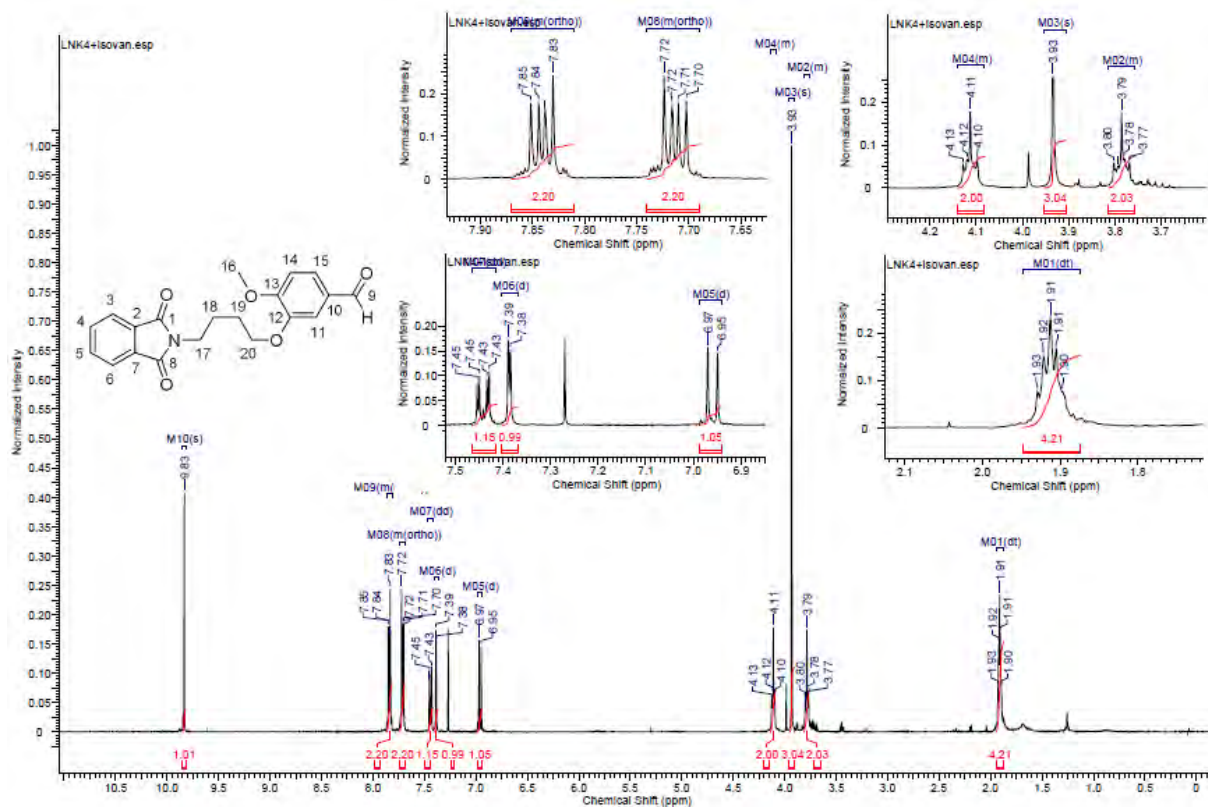
7.17) Espectro de RMN ^1H do produto 60a em CDCl_3 à 400MHz.



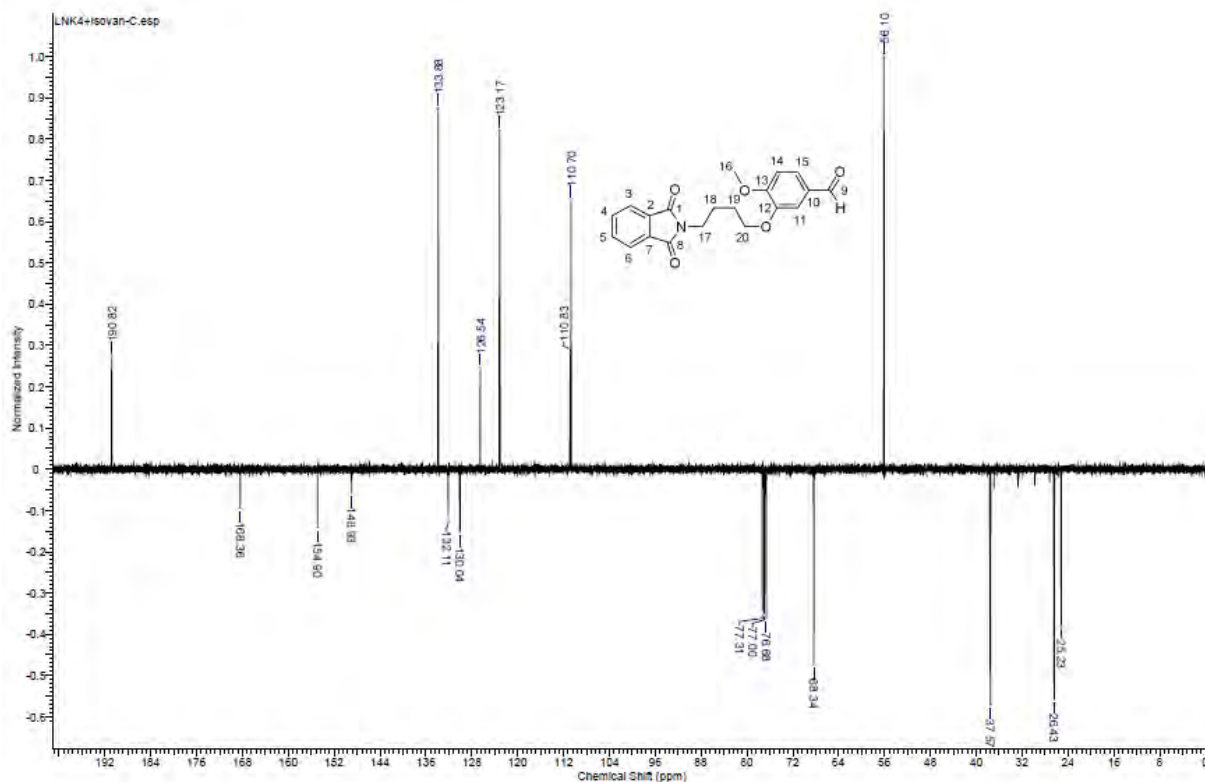
7.18) Espectro de RMN ^{13}C do produto 60a em CDCl_3 à 100MHz.



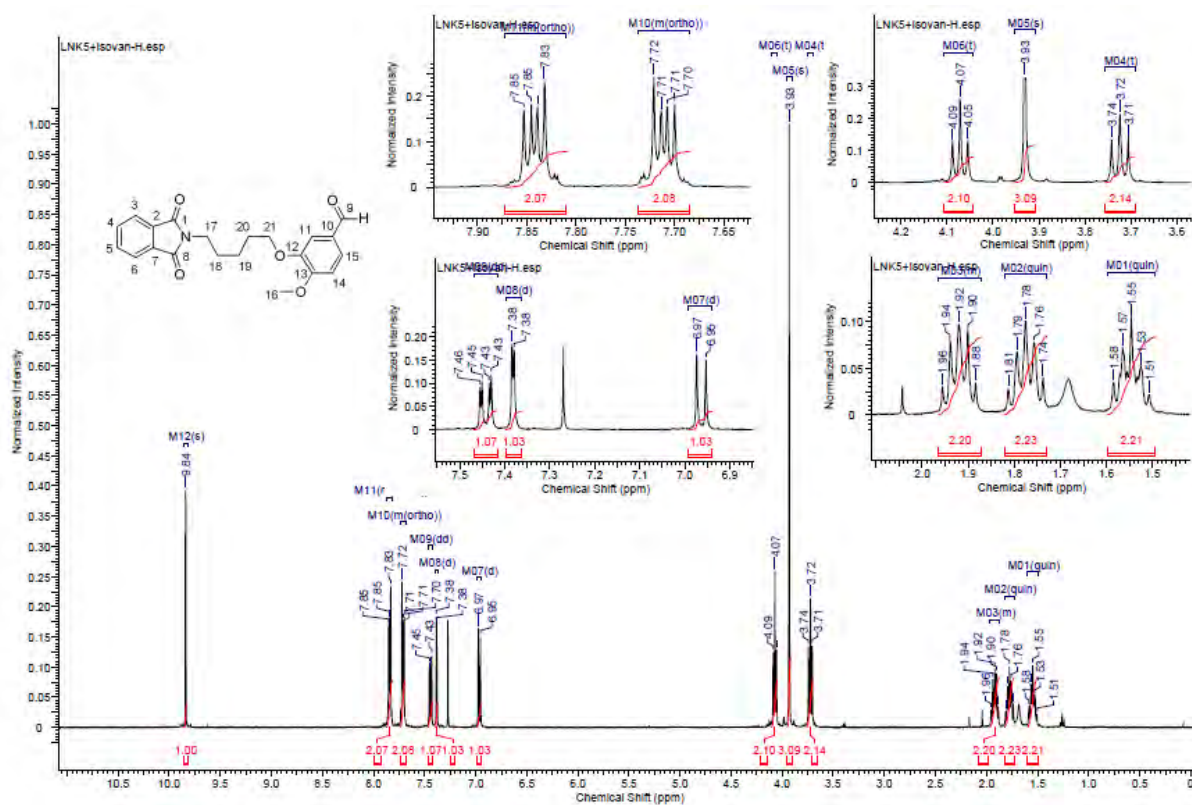
7.19) Espectro de RMN ¹H do produto 60b em CDCl₃ à 400MHz.



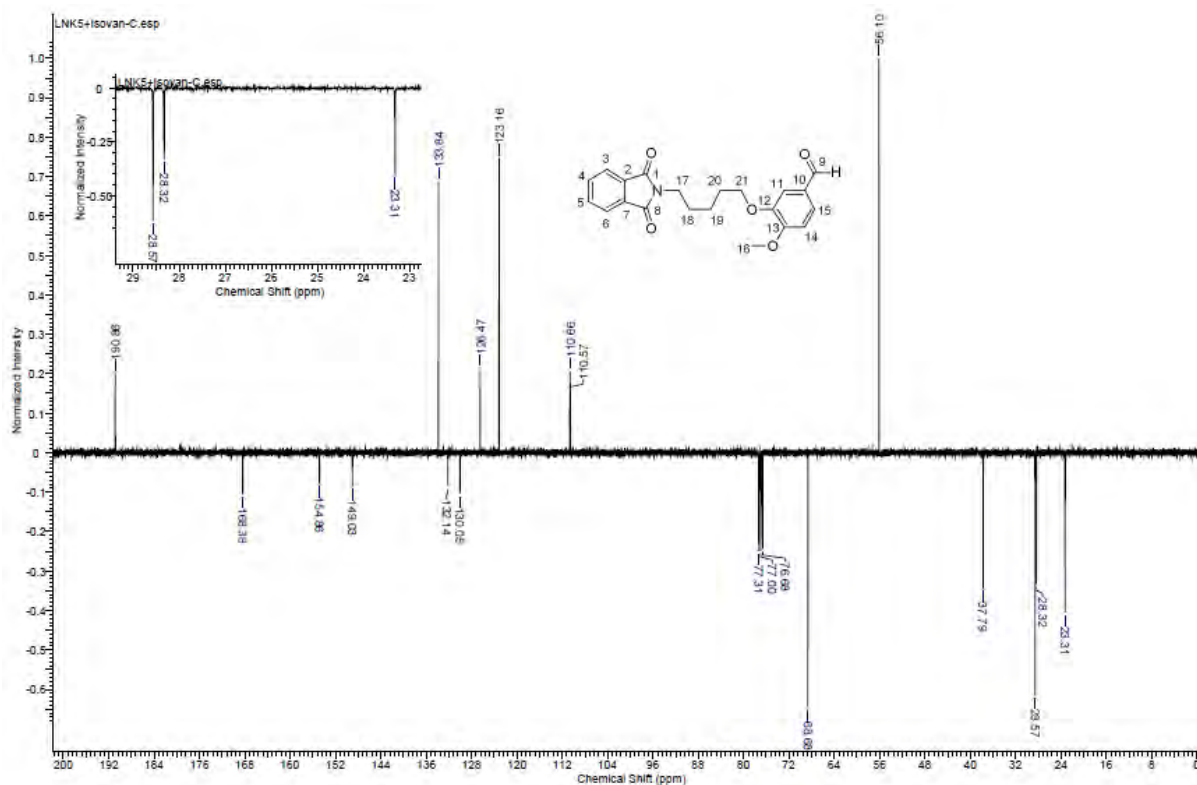
7.20) Espectro de RMN ¹³C do produto 60b em CDCl₃ à 100MHz.



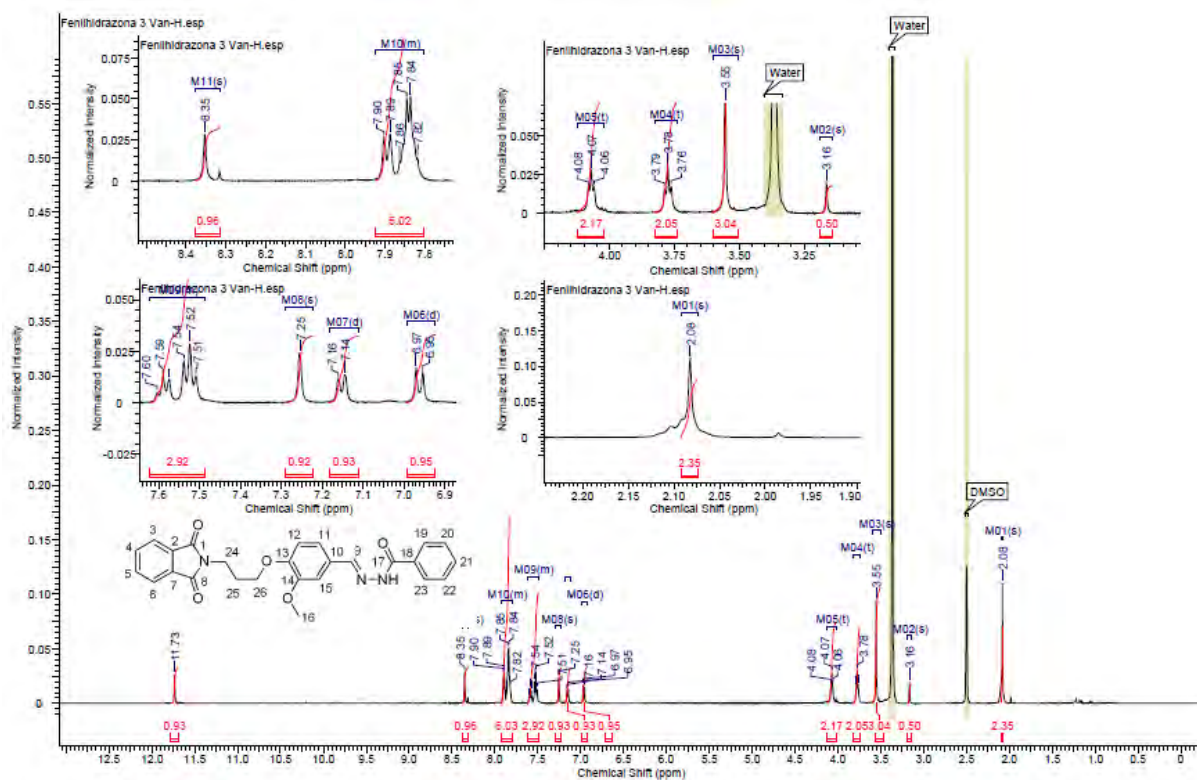
7.21) Espectro de RMN ¹H do produto 60c em CDCl₃ à 400MHz.



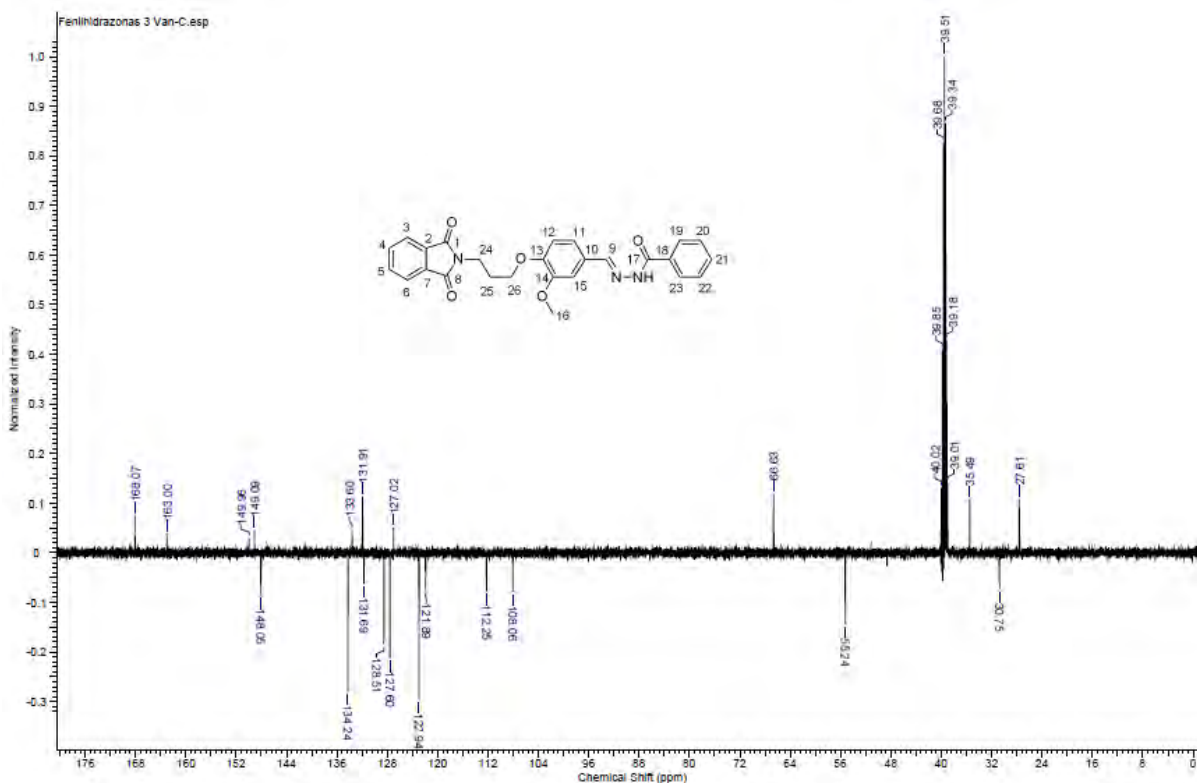
7.22) Espectro de RMN ¹³C do produto 60c em CDCl₃ à 100MHz.



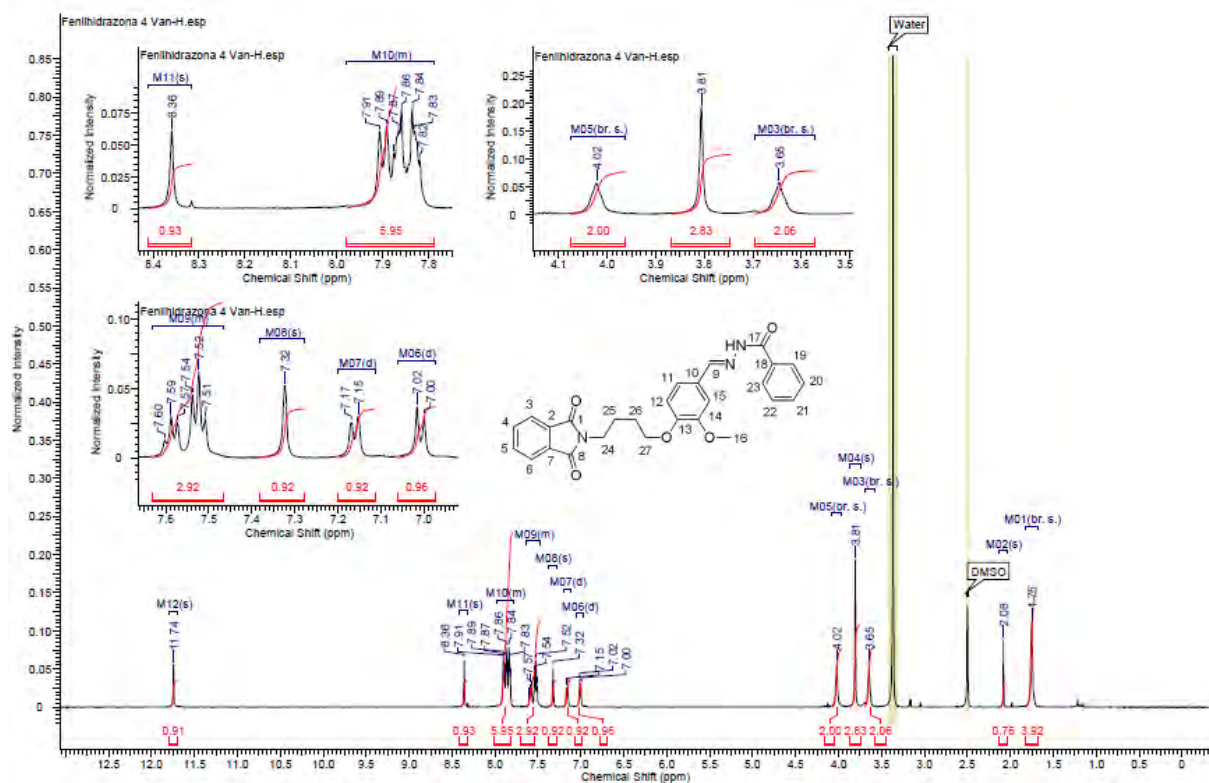
7.25) Espectro de RMN ¹H do produto 62a em DMSO à 500MHz.



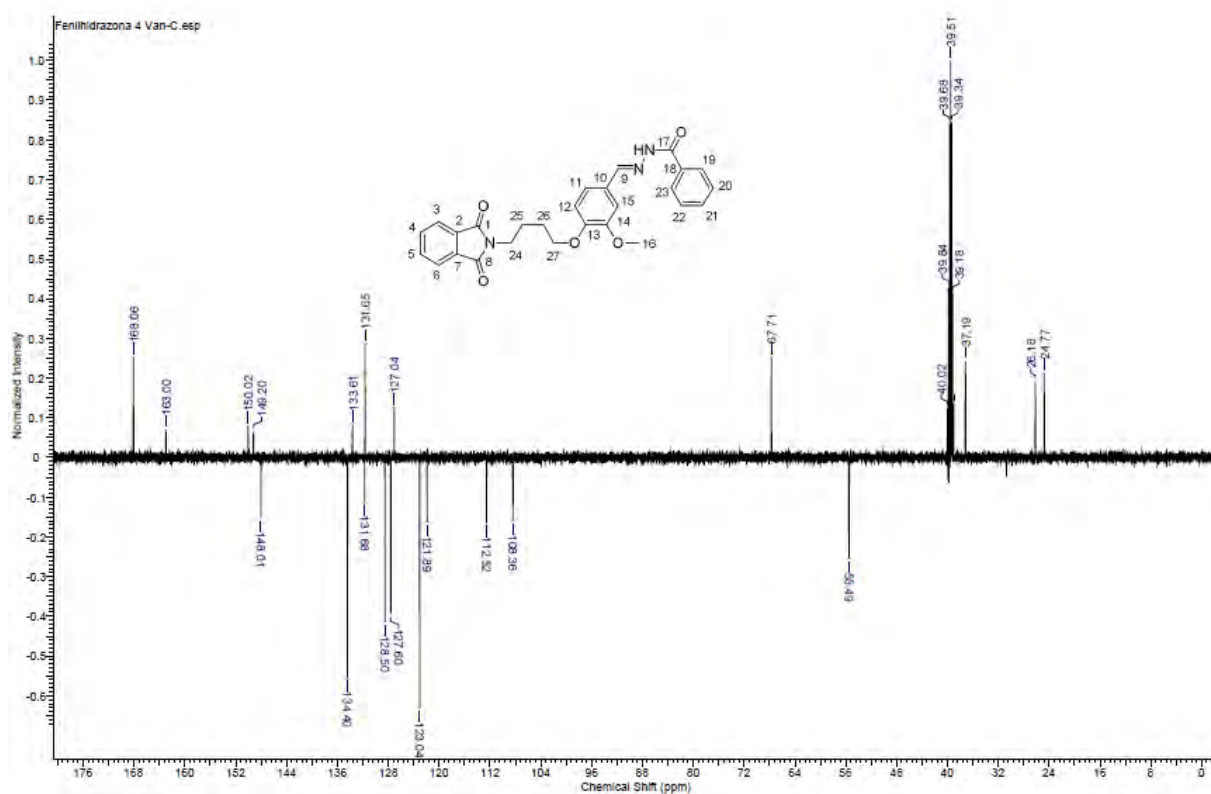
7.26) Espectro de RMN ¹³C do produto 62a em DMSO à 125MHz.



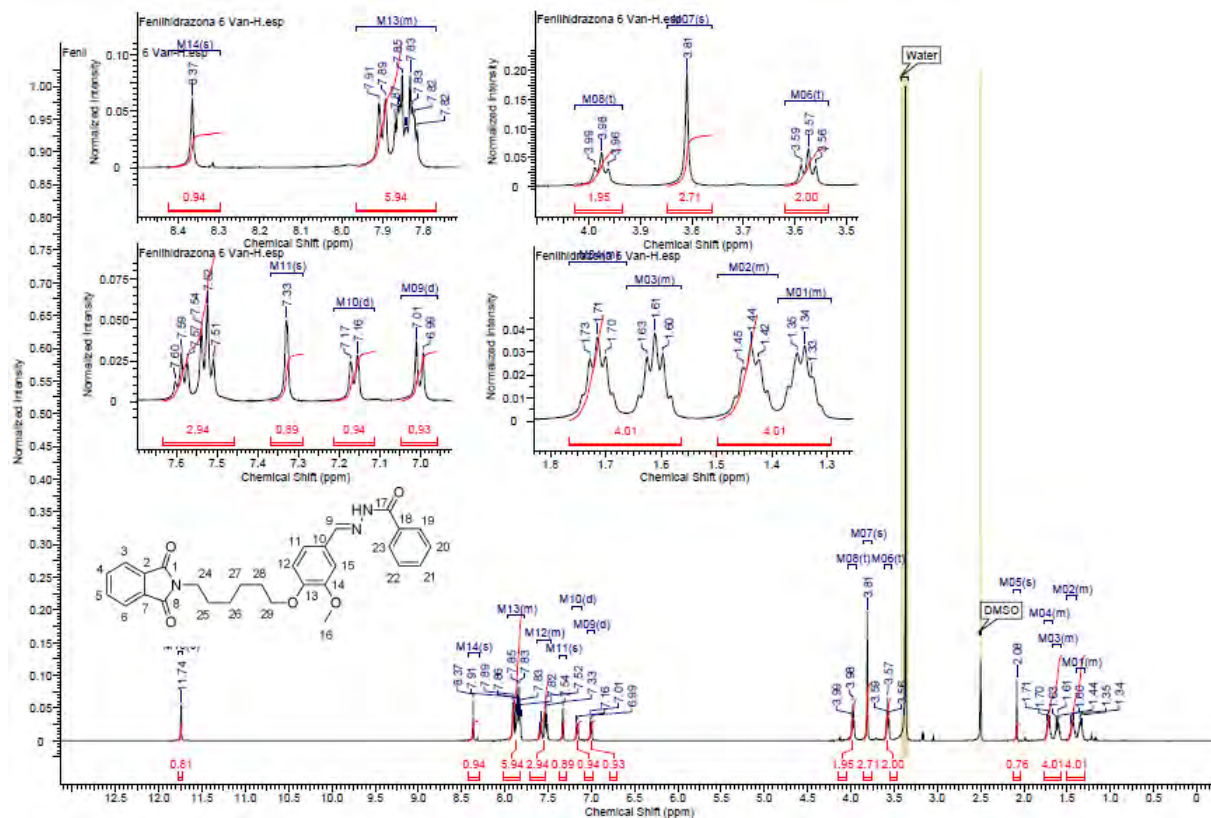
7.27) Espectro de RMN ¹H do produto 62b em DMSO à 500MHz.



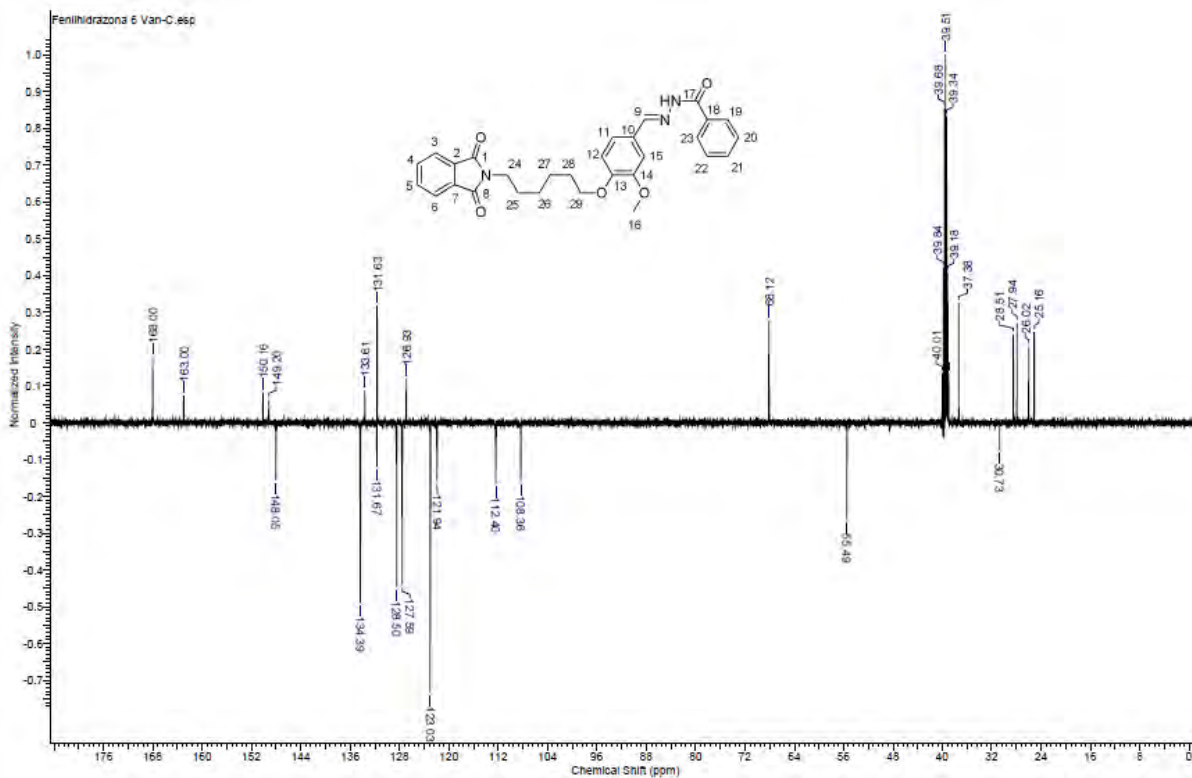
7.28) Espectro de RMN ¹³C do produto 62b em DMSO à 125MHz.



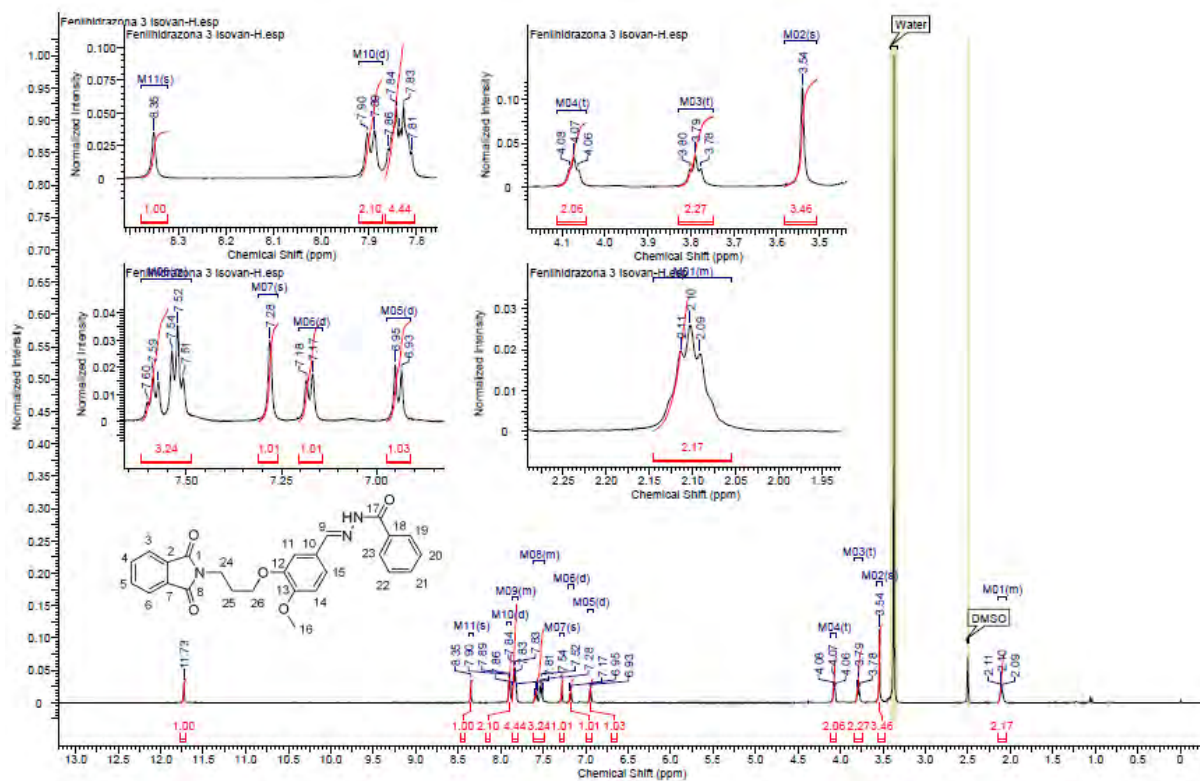
7.31) Espectro de RMN ¹H do produto 62d em DMSO à 500MHz.



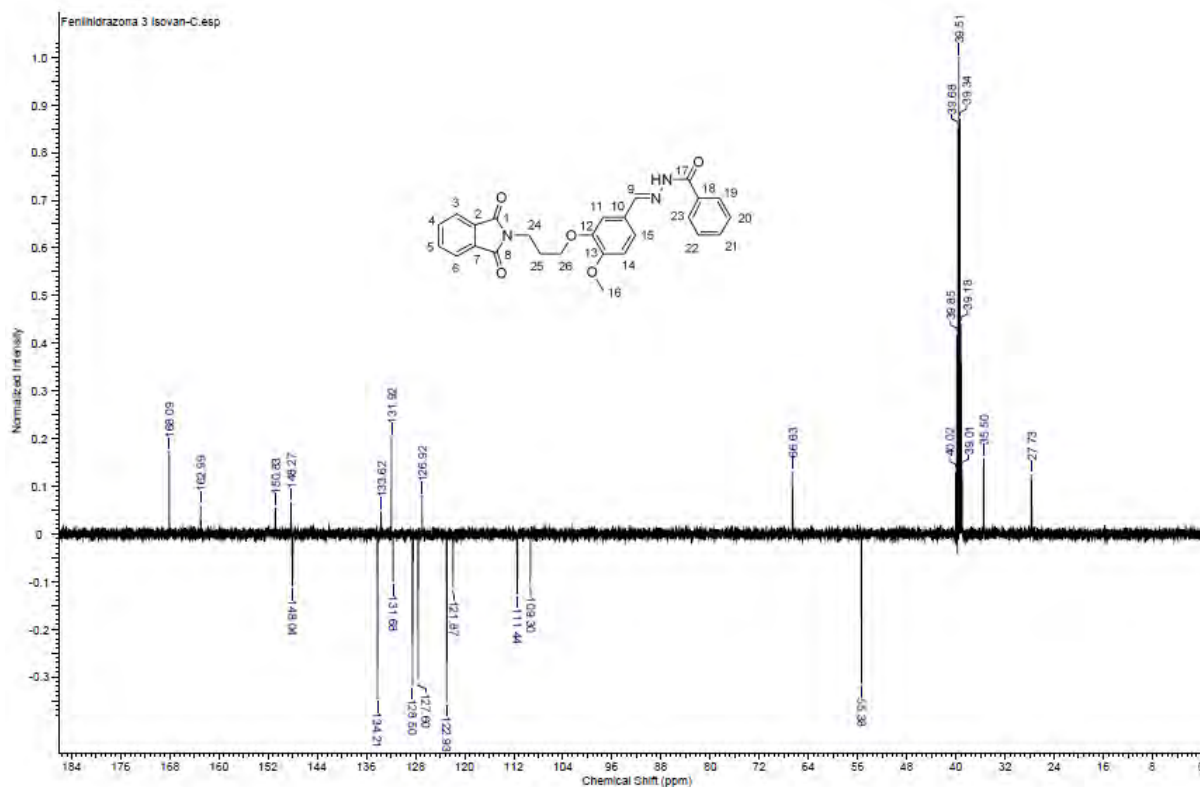
7.32) Espectro de RMN ¹³C do produto 62d em DMSO à 125MHz.



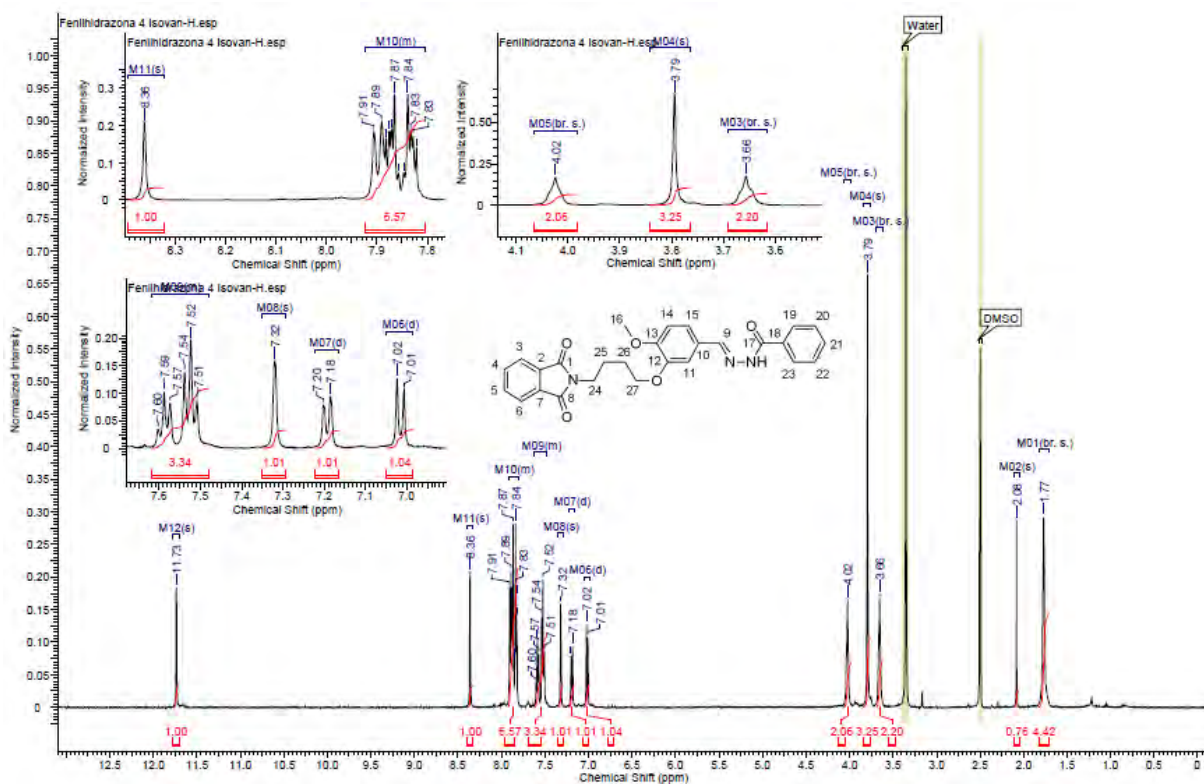
7.33) Espectro de RMN ¹H do produto 63a em DMSO à 500MHz.



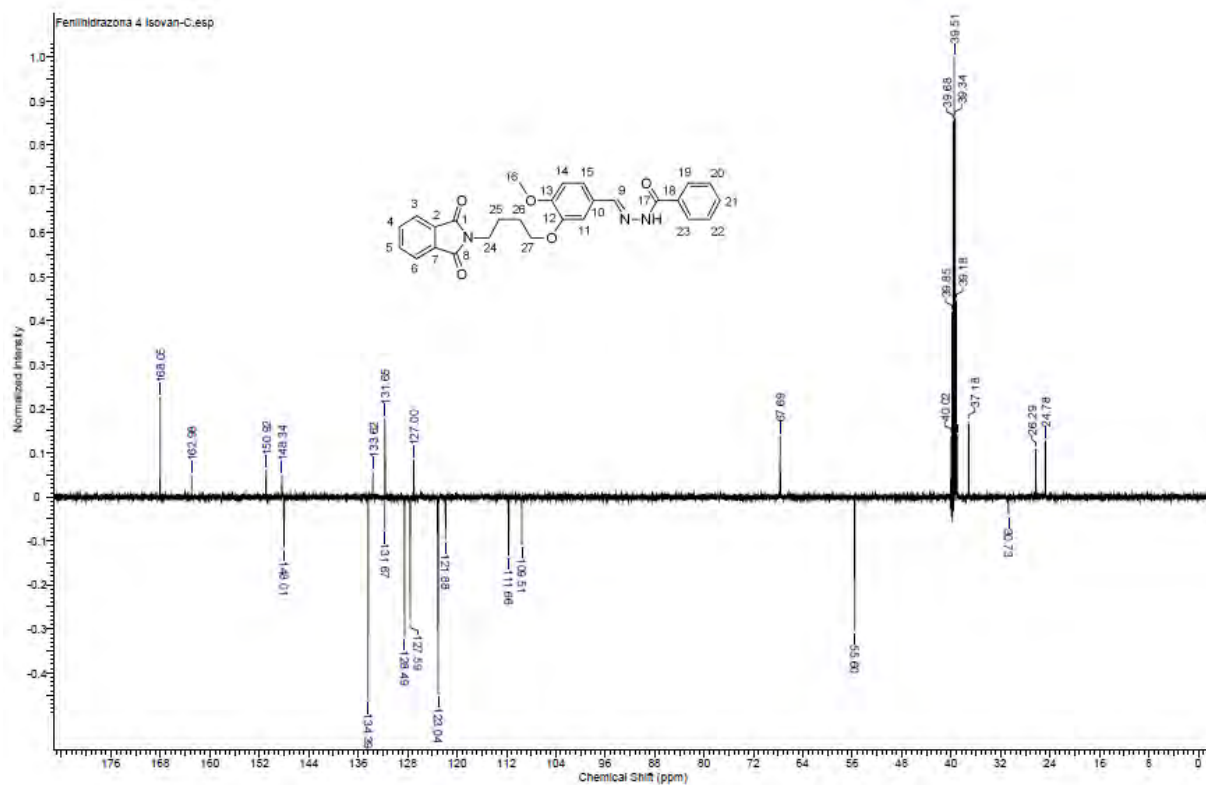
7.34) Espectro de RMN ¹³C do produto 63a em DMSO à 125MHz.



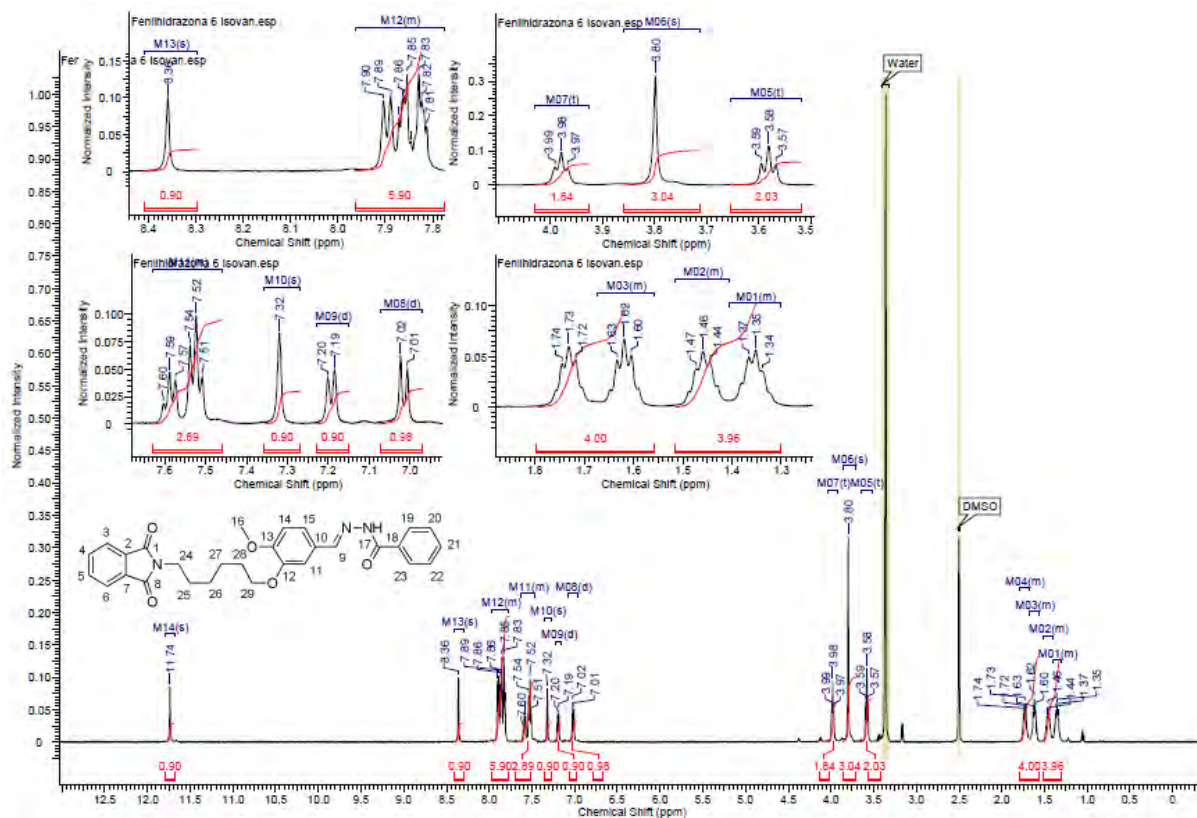
7.35) Espectro de RMN ¹H do produto 63b em DMSO à 500MHz.



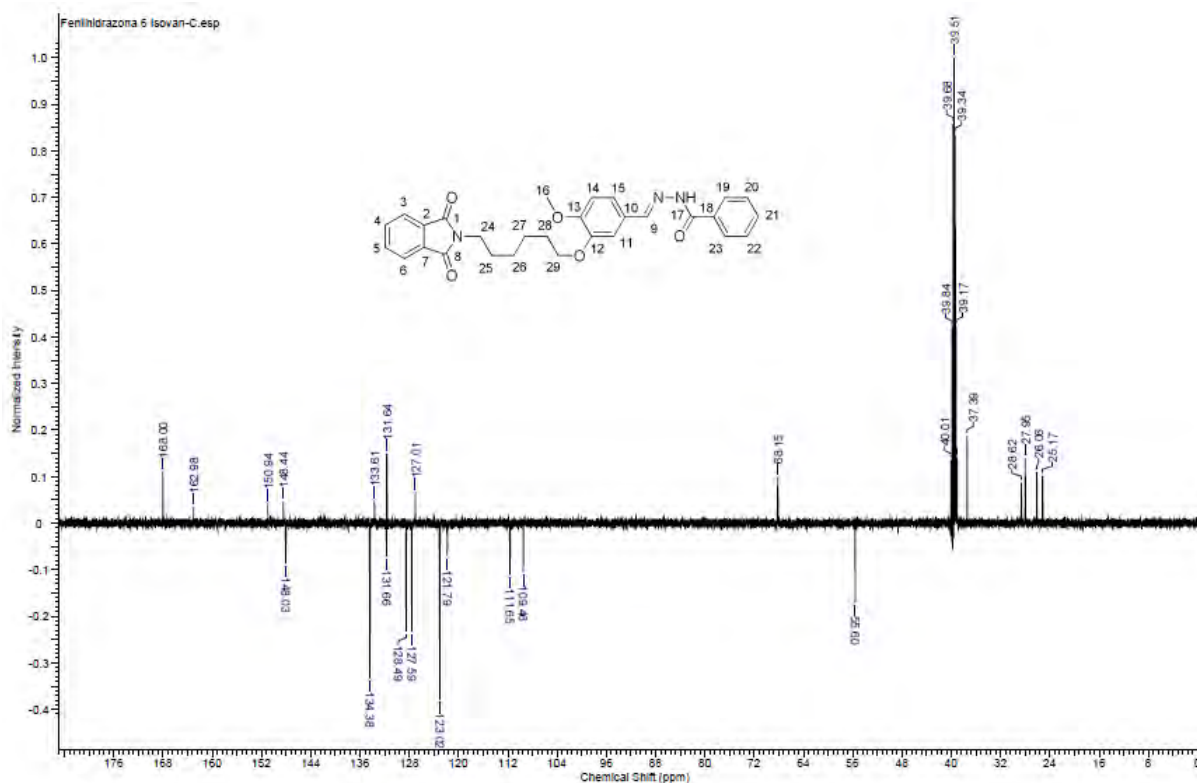
7.36) Espectro de RMN ¹³C do produto 63b em DMSO à 125MHz.



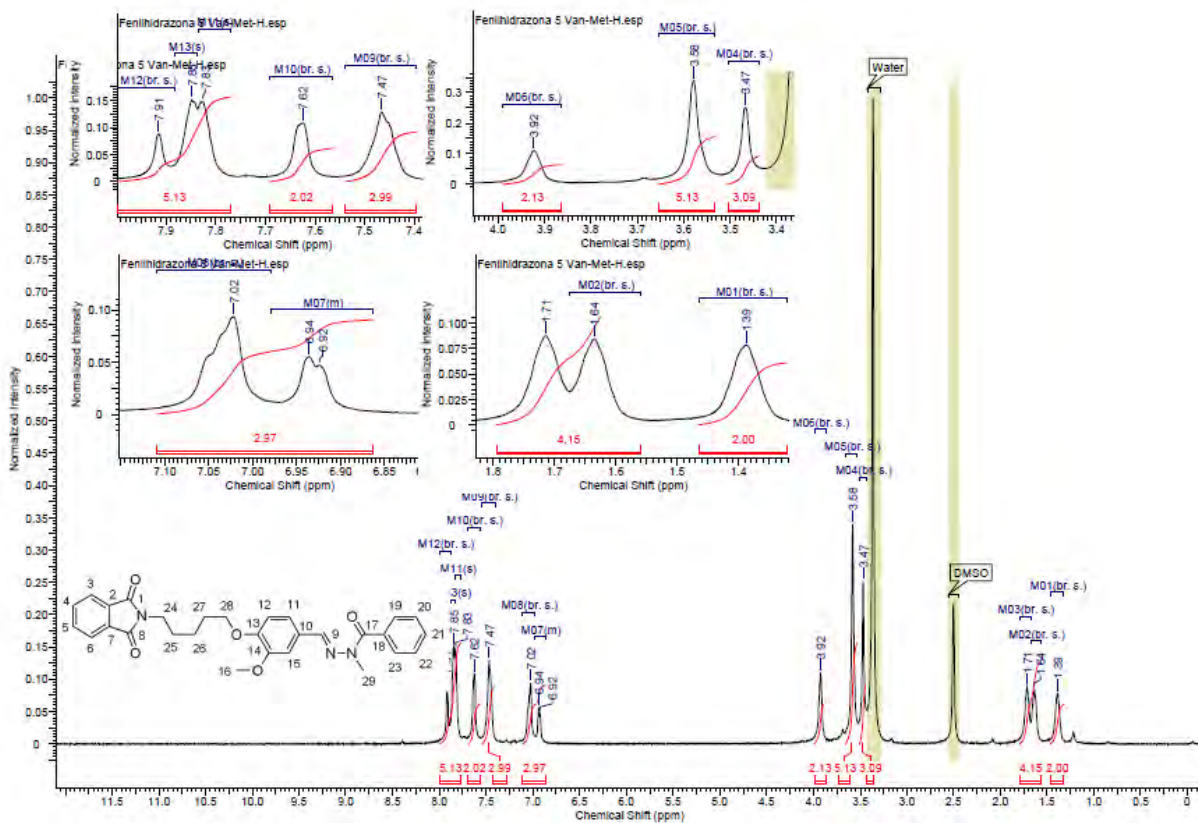
7.39) Espectro de RMN ¹H do produto 63d em DMSO à 500MHz.



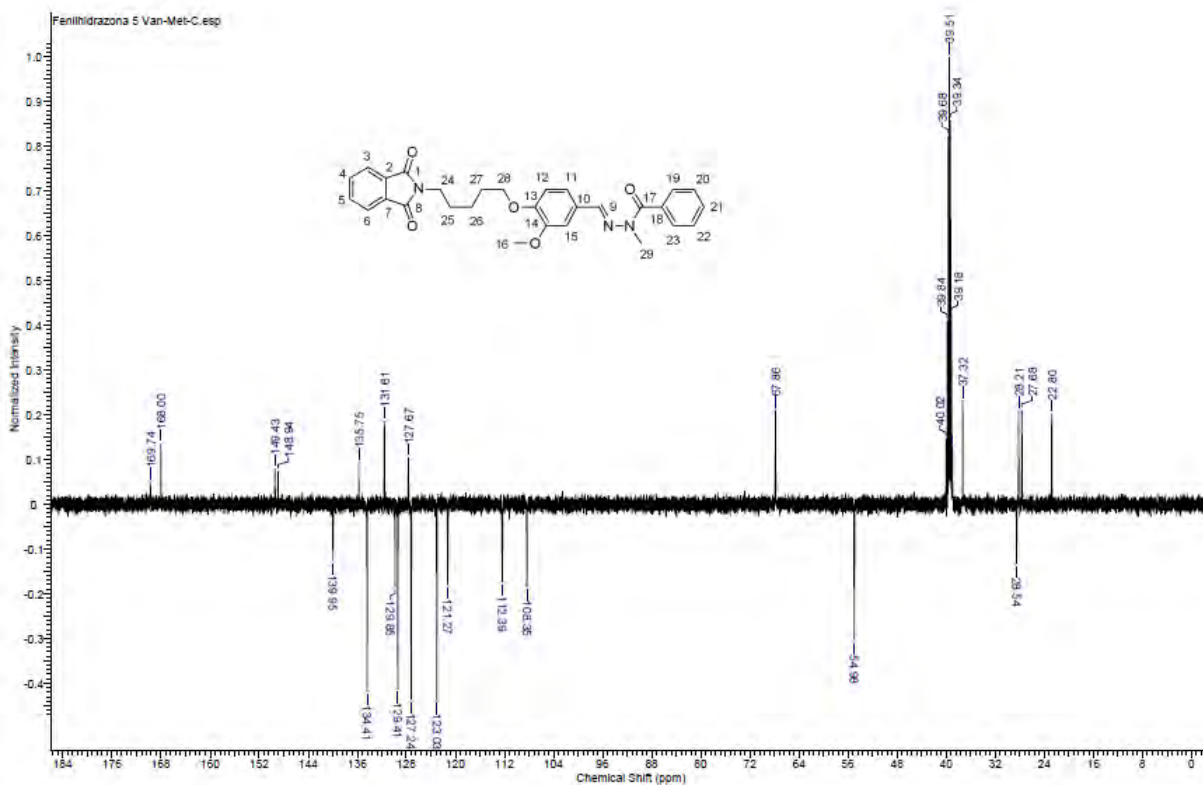
7.40) Espectro de RMN ¹³C do produto 63d em DMSO à 125MHz.



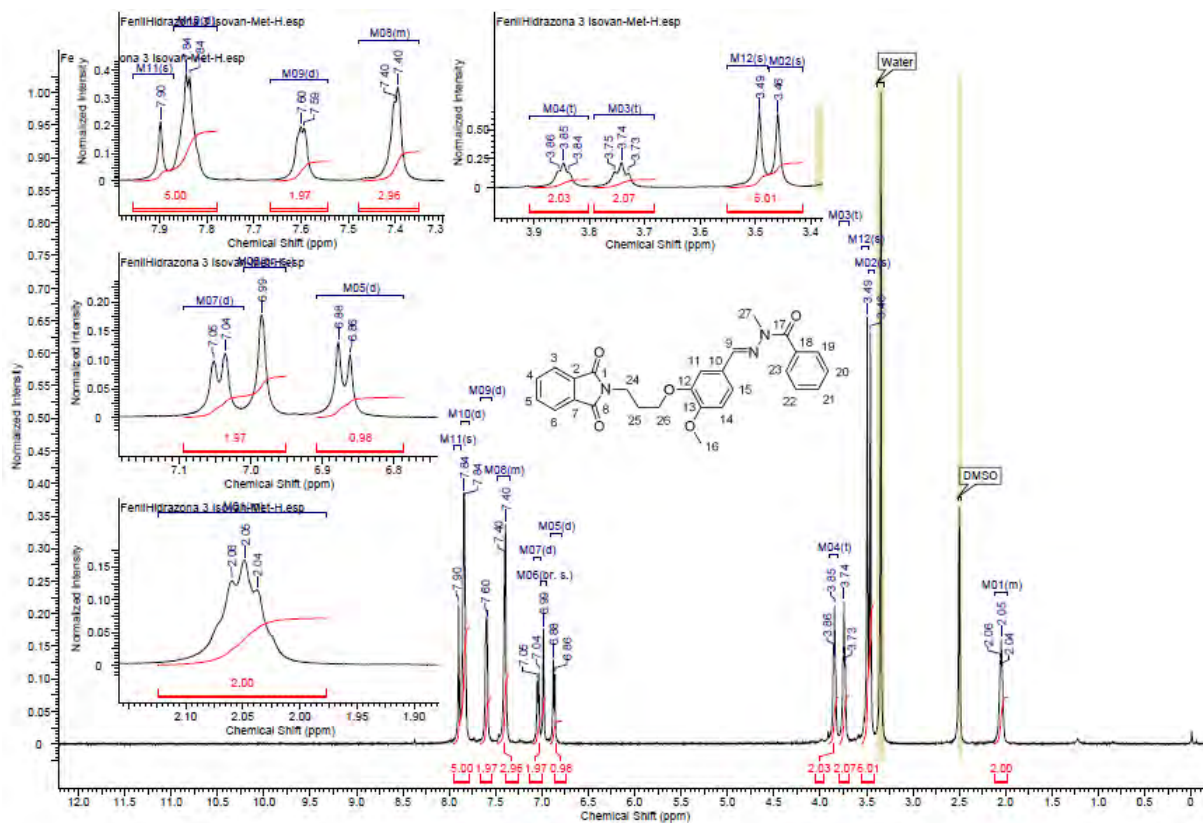
7.45) Espectro de RMN ¹H do produto 65c em DMSO à 500MHz.



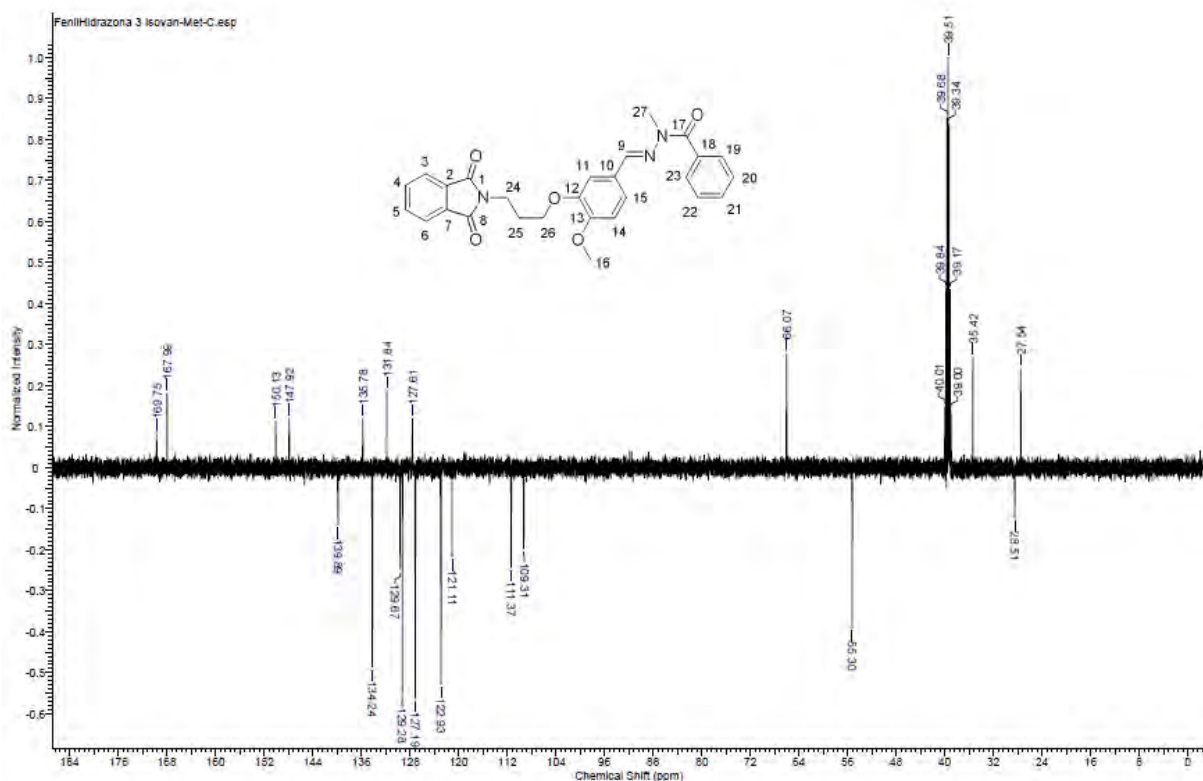
7.46) Espectro de RMN ¹³C do produto 65c em DMSO à 125MHz.



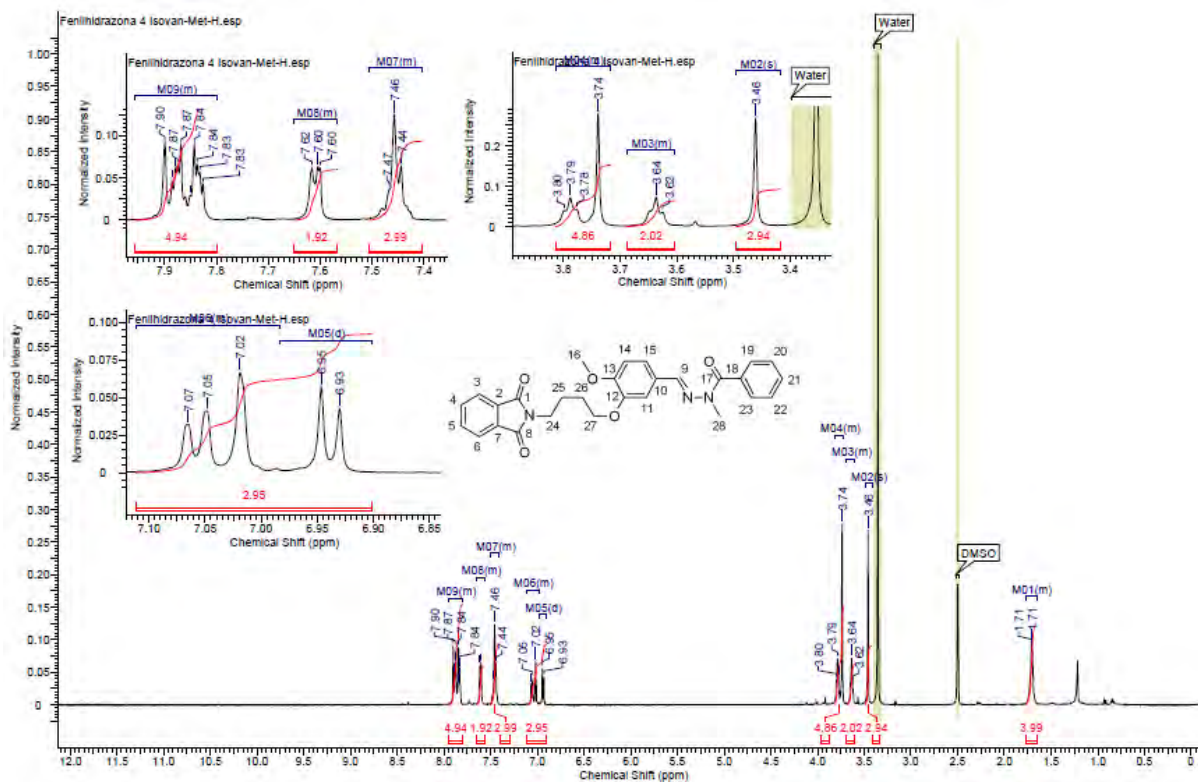
7.49) Espectro de RMN ¹H do produto 66a em DMSO à 500MHz.



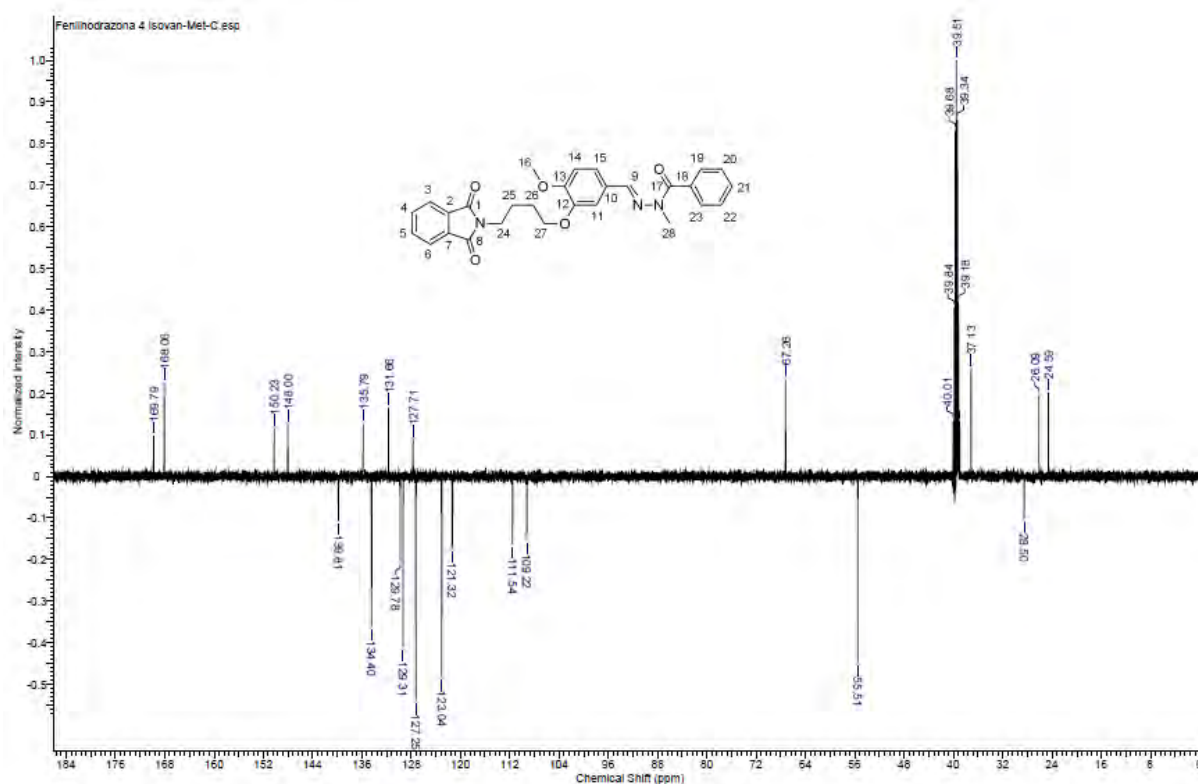
7.50) Espectro de RMN ¹³C do produto 66a em DMSO à 125MHz.



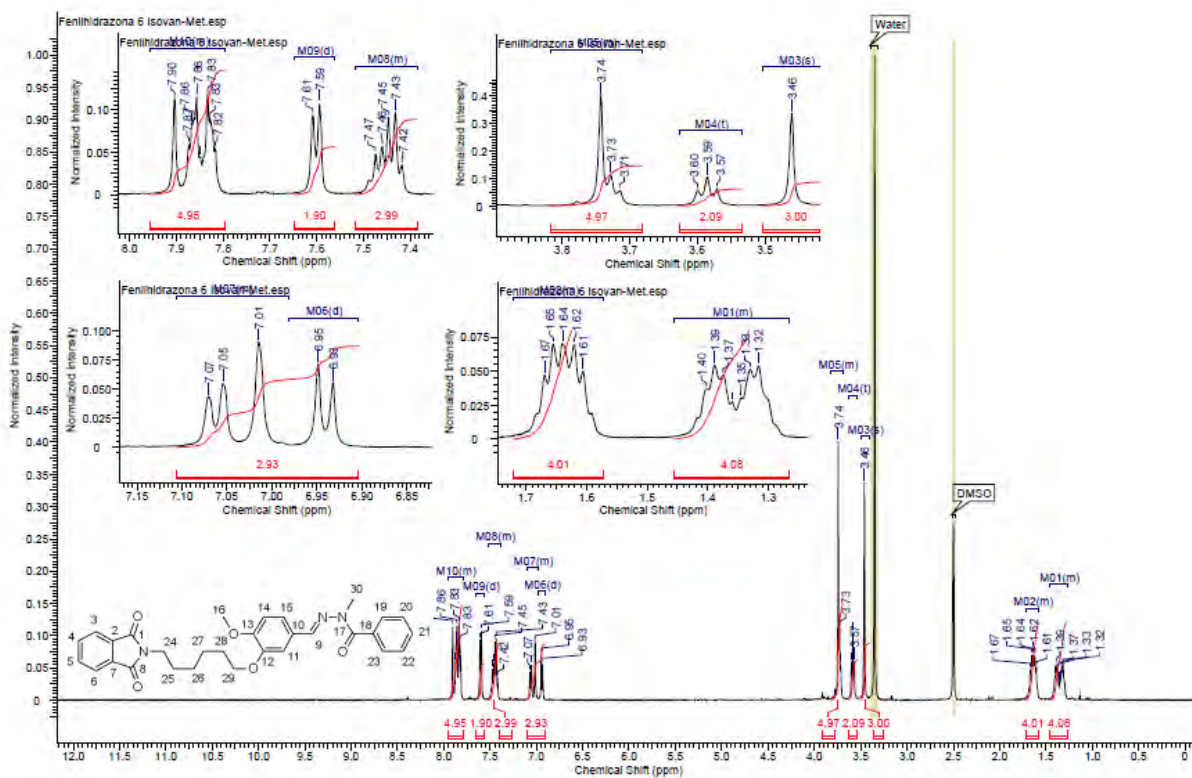
7.51) Espectro de RMN ¹H do produto 66b em DMSO à 500MHz.



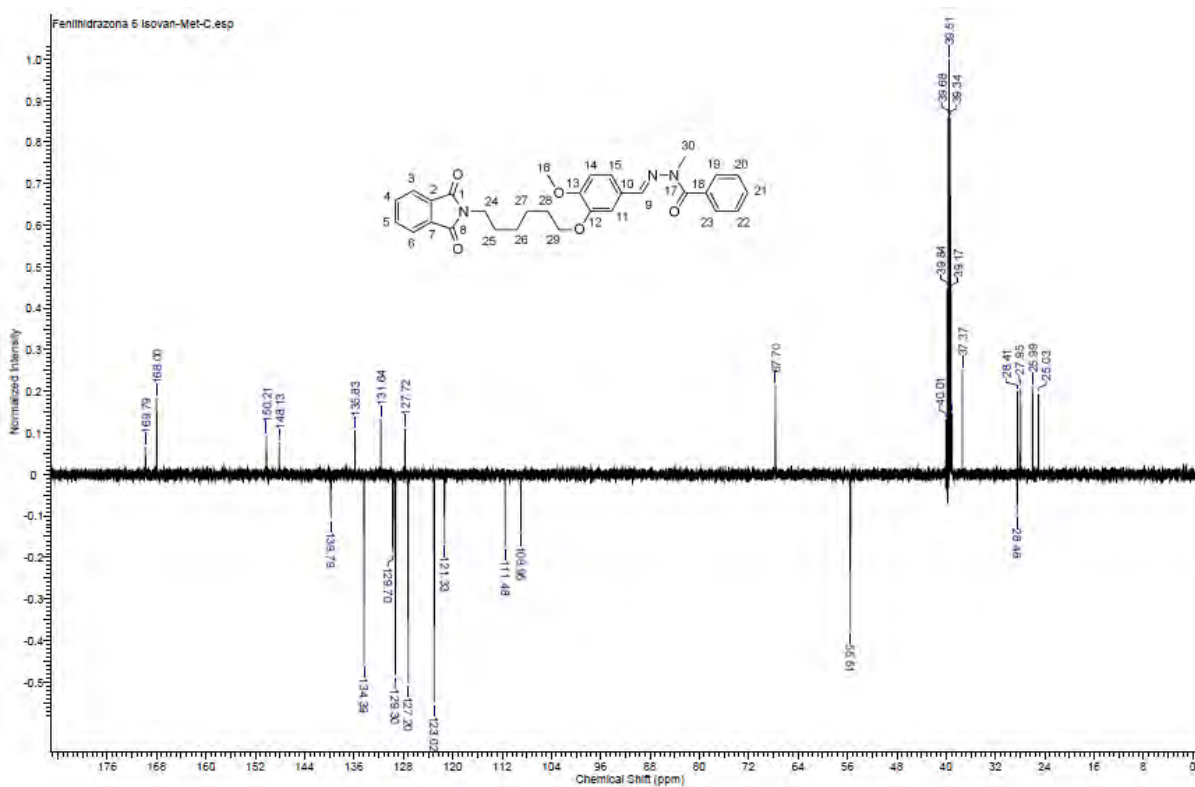
7.52) Espectro de RMN ¹³C do produto 66b em DMSO à 125MHz.



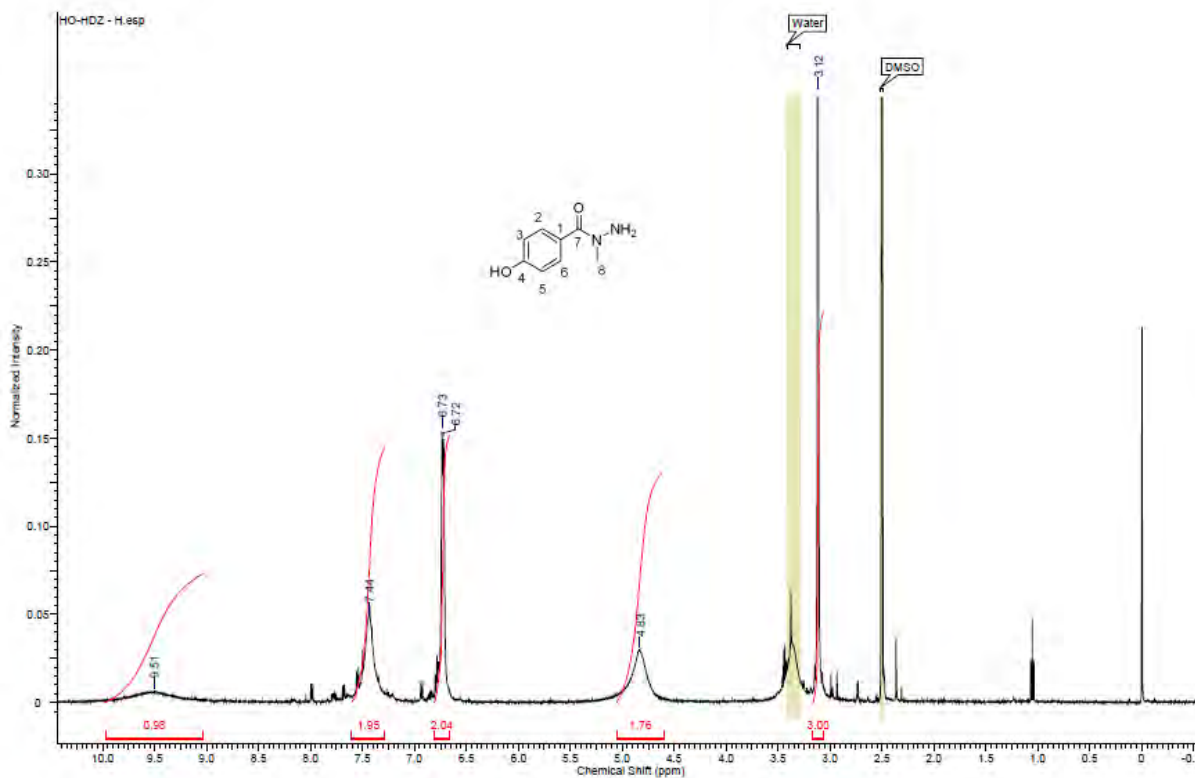
7.55) Espectro de RMN ¹H do produto 66d em DMSO à 500MHz.



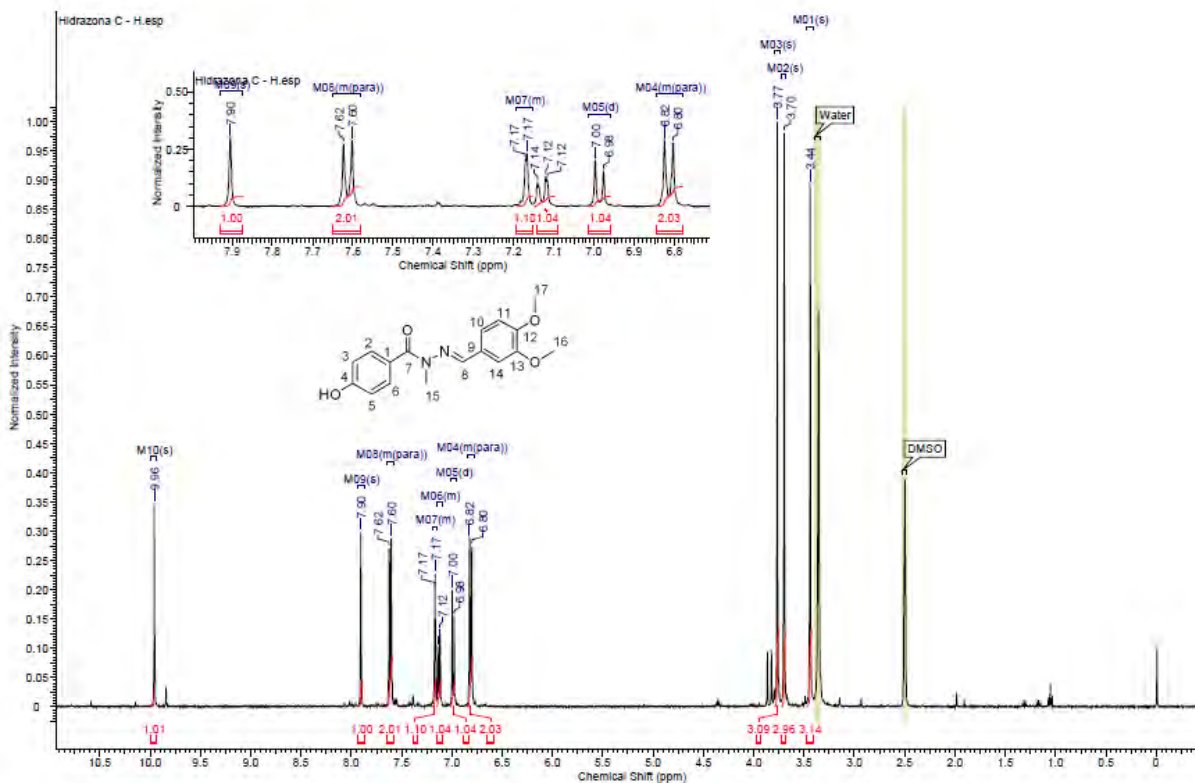
7.56) Espectro de RMN ¹³C do produto 66d em DMSO à 125MHz.



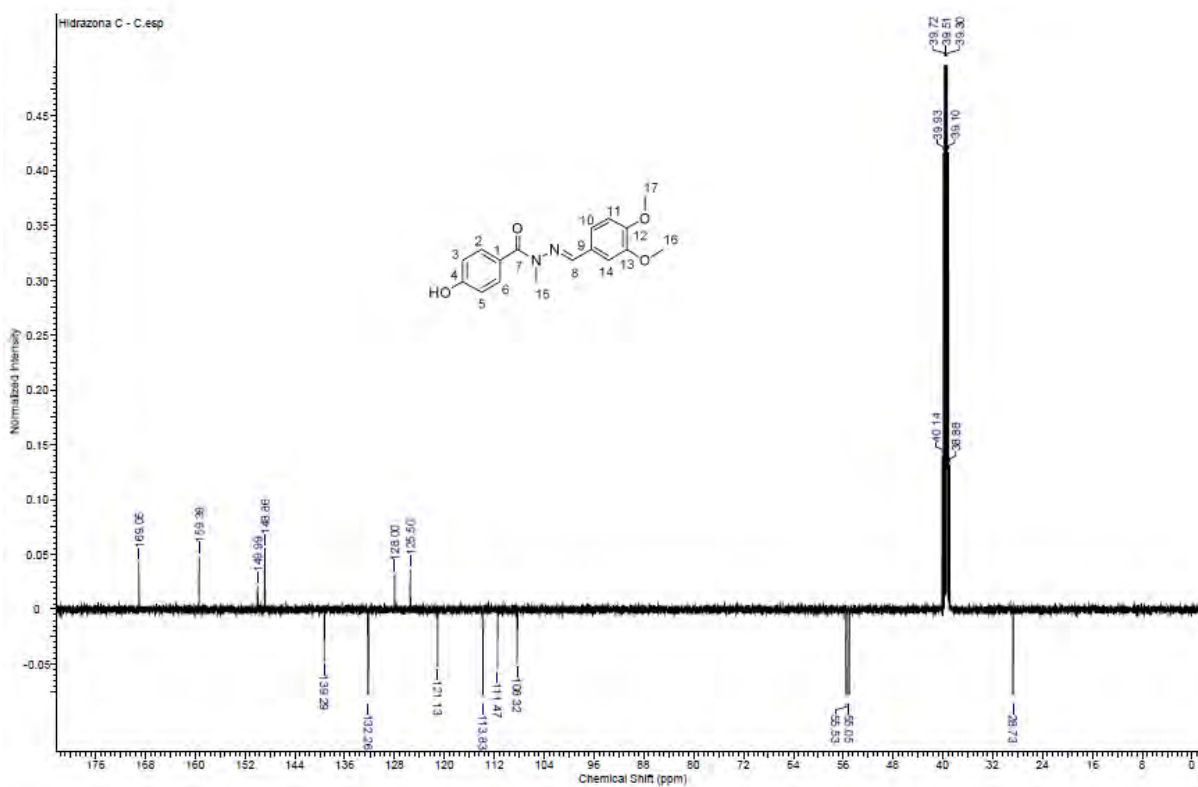
7.57) Espectro de RMN ¹H do produto 69 em DMSO à 500MHz.



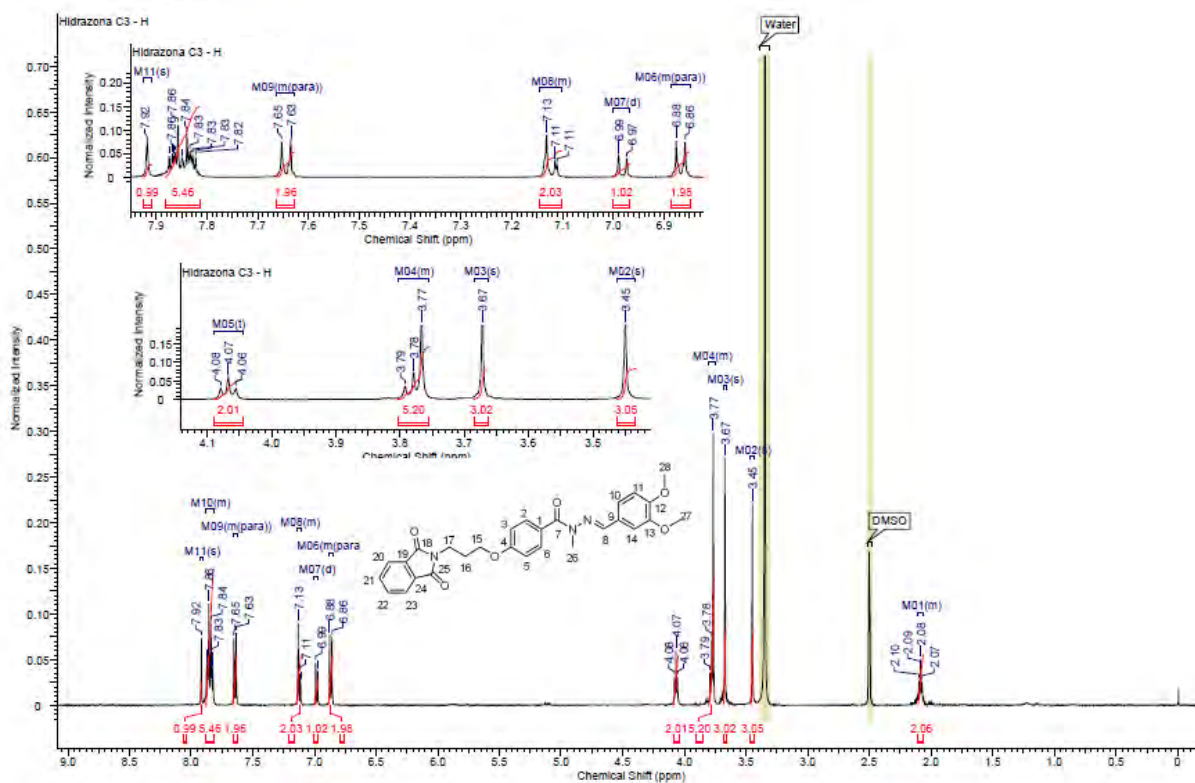
7.58) Espectro de RMN ¹H do produto 71 em DMSO à 400MHz.



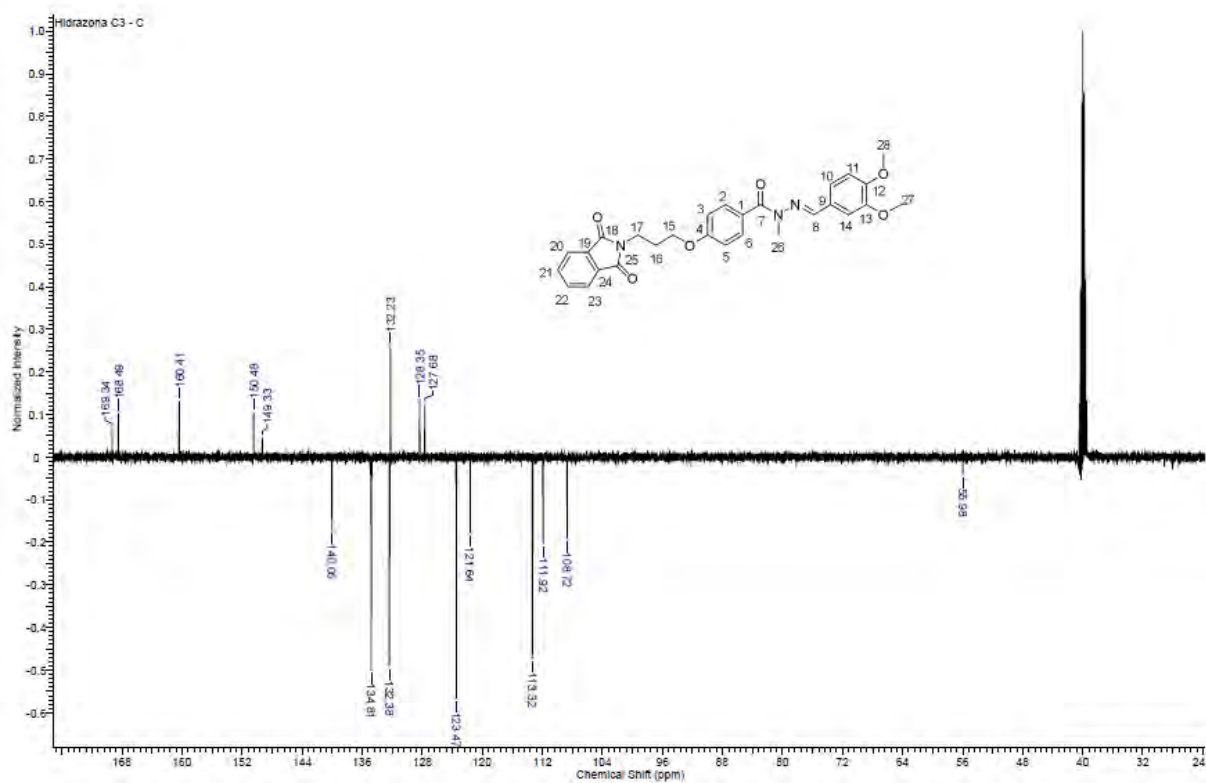
7.59) Espectro de RMN ^{13}C do produto 71 em DMSO à 100MHz.



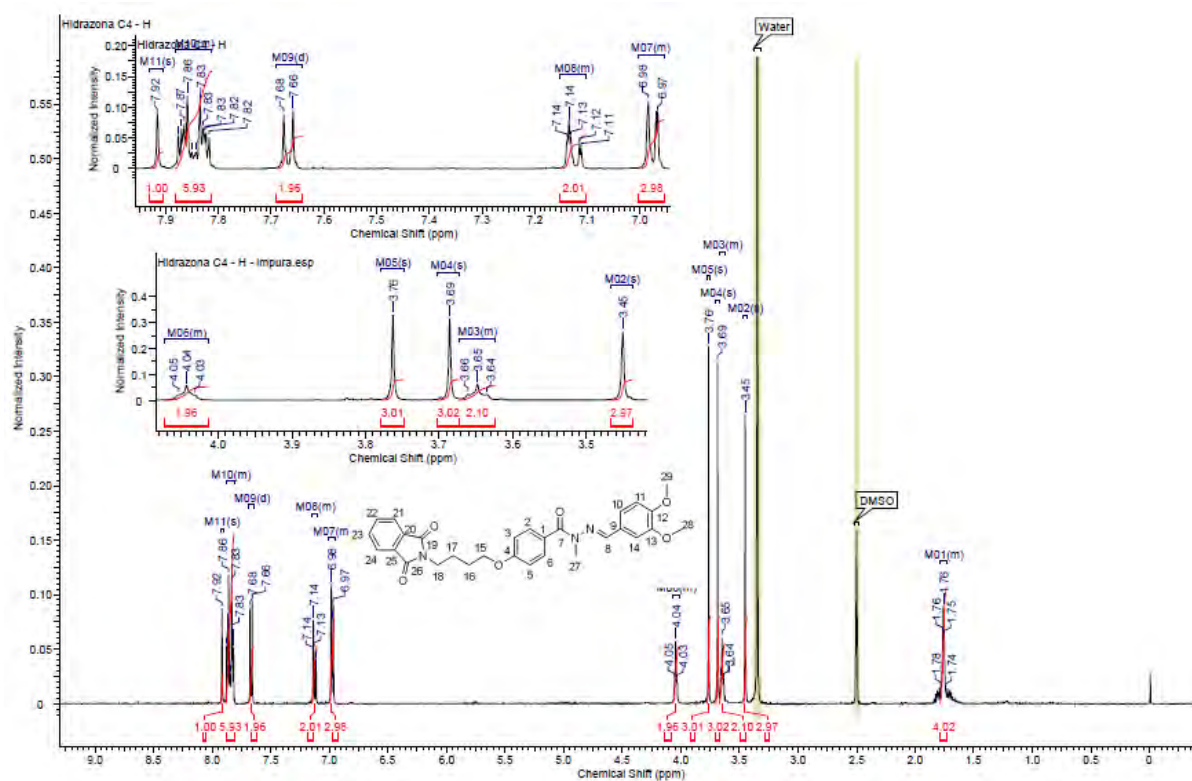
7.60) Espectro de RMN ^1H do produto 72a em DMSO à 500MHz.



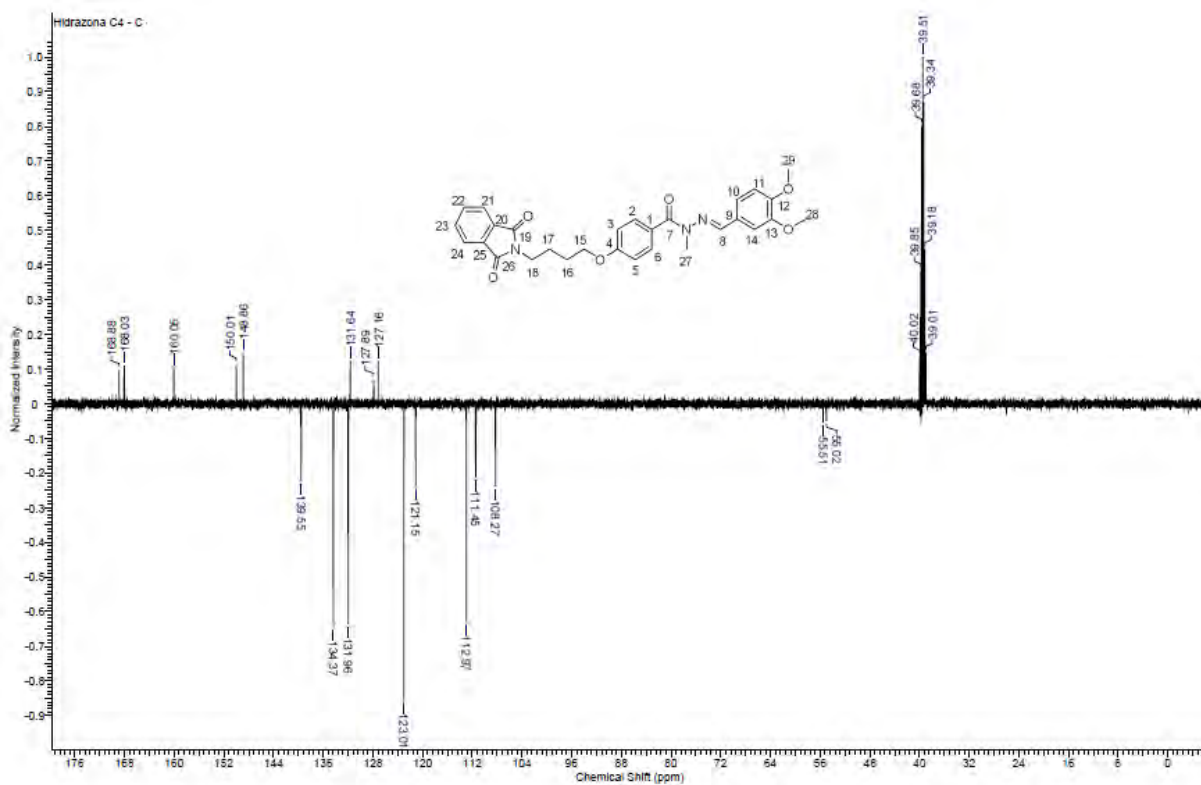
7.61) Espectro de RMN ^{13}C do produto 72a em DMSO à 125MHz.



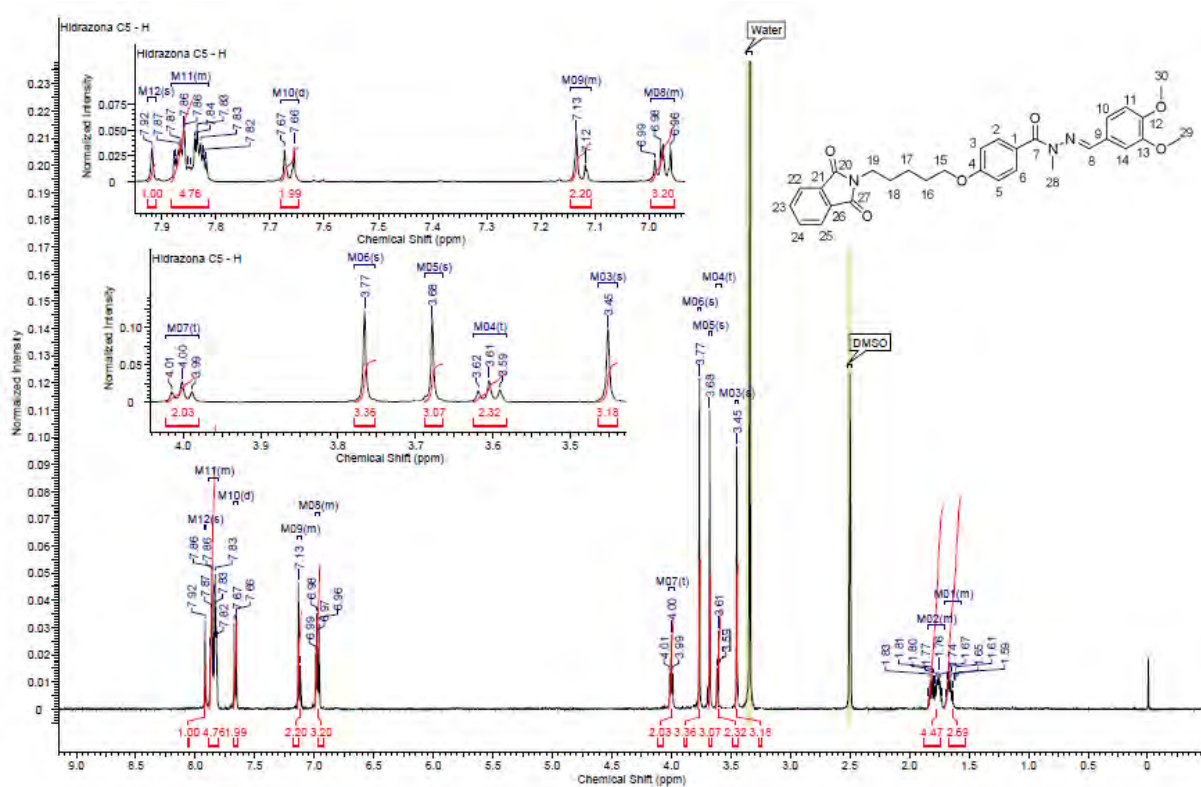
7.62) Espectro de RMN ^1H do produto 72b em DMSO à 500MHz.



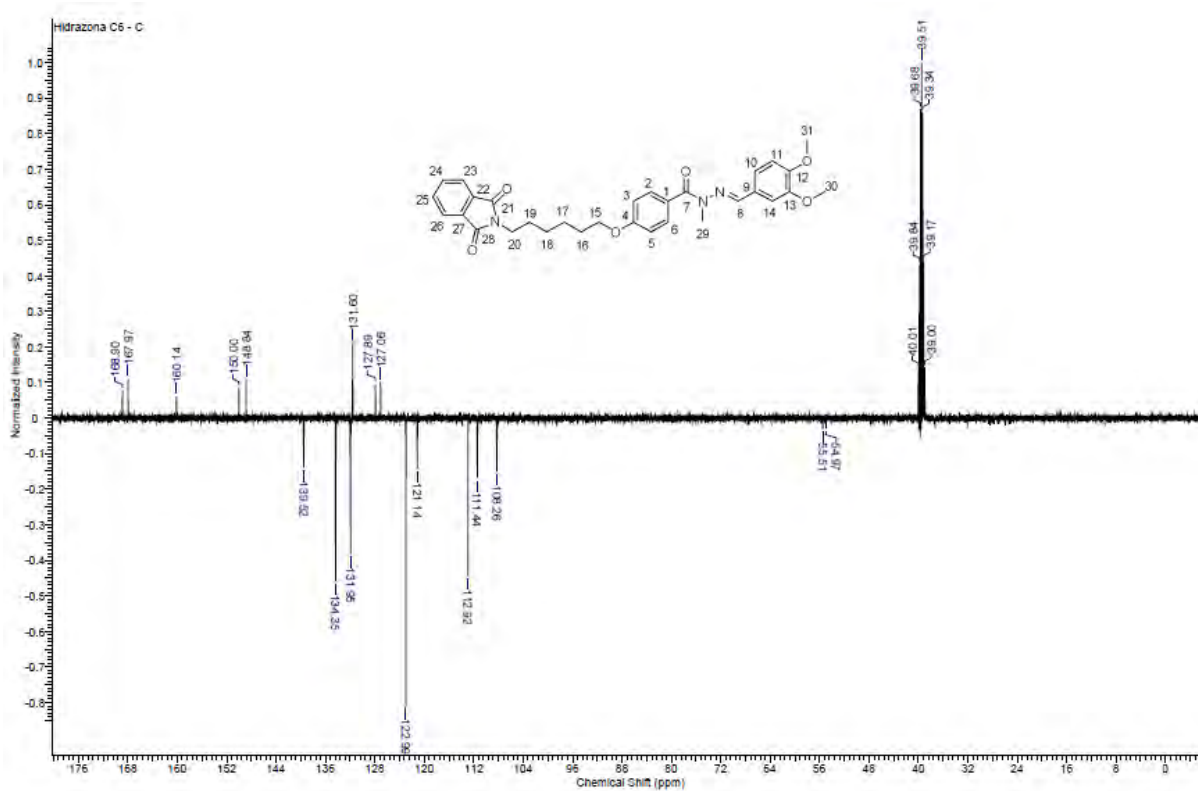
7.63) Espectro de RMN ^{13}C do produto 72b em DMSO à 125MHz.



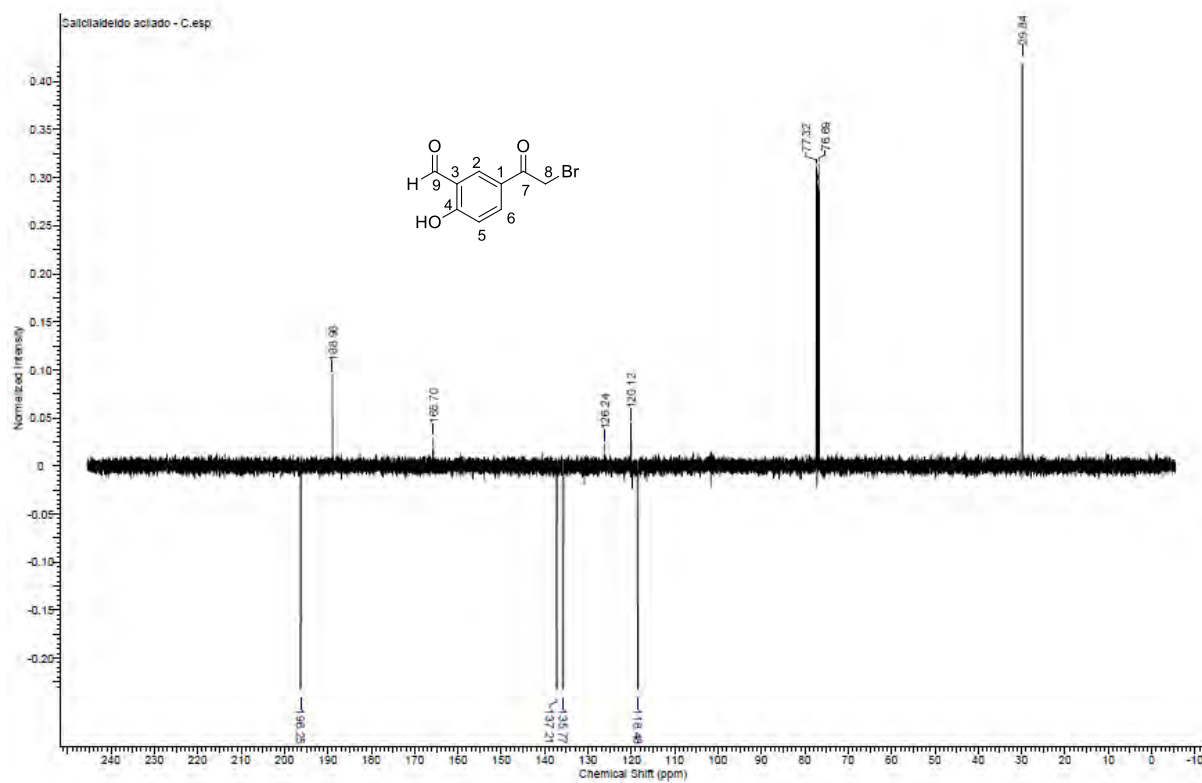
7.64) Espectro de RMN ^1H do produto 72c em DMSO à 500MHz.



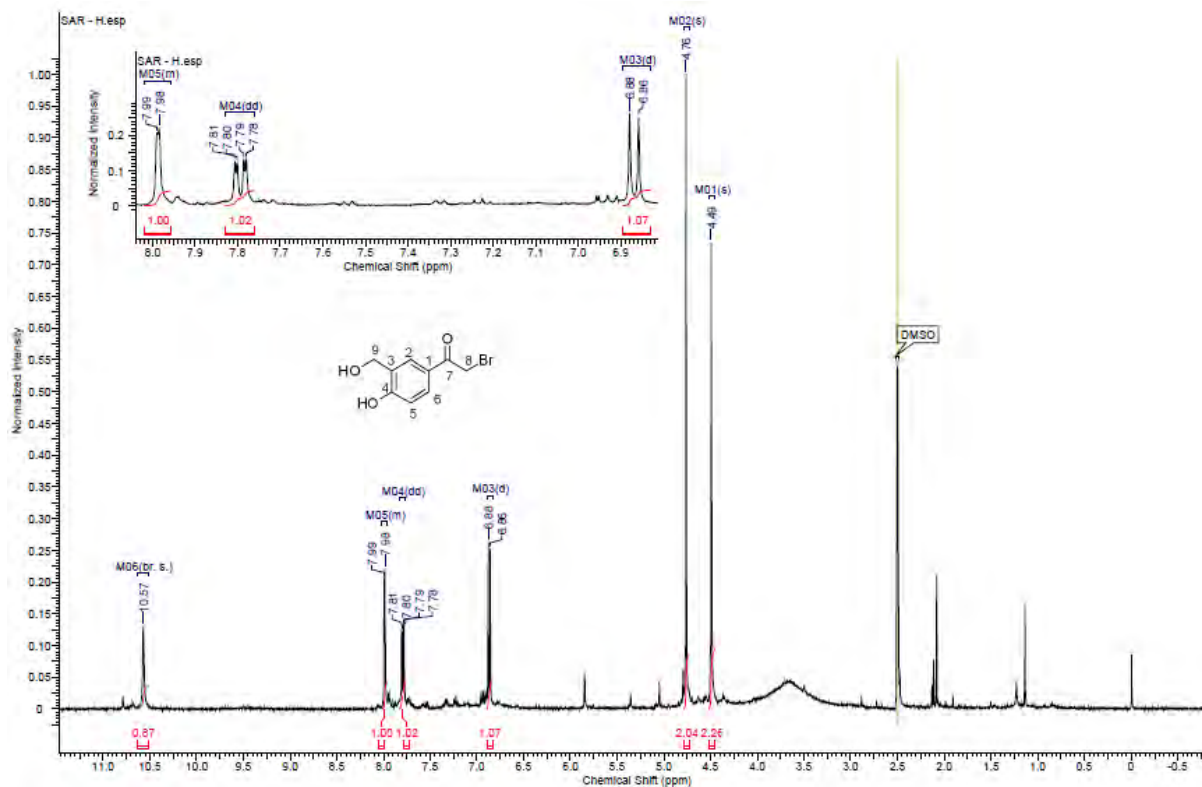
7.67) Espectro de RMN ^{13}C do produto 72d em DMSO à 125MHz.



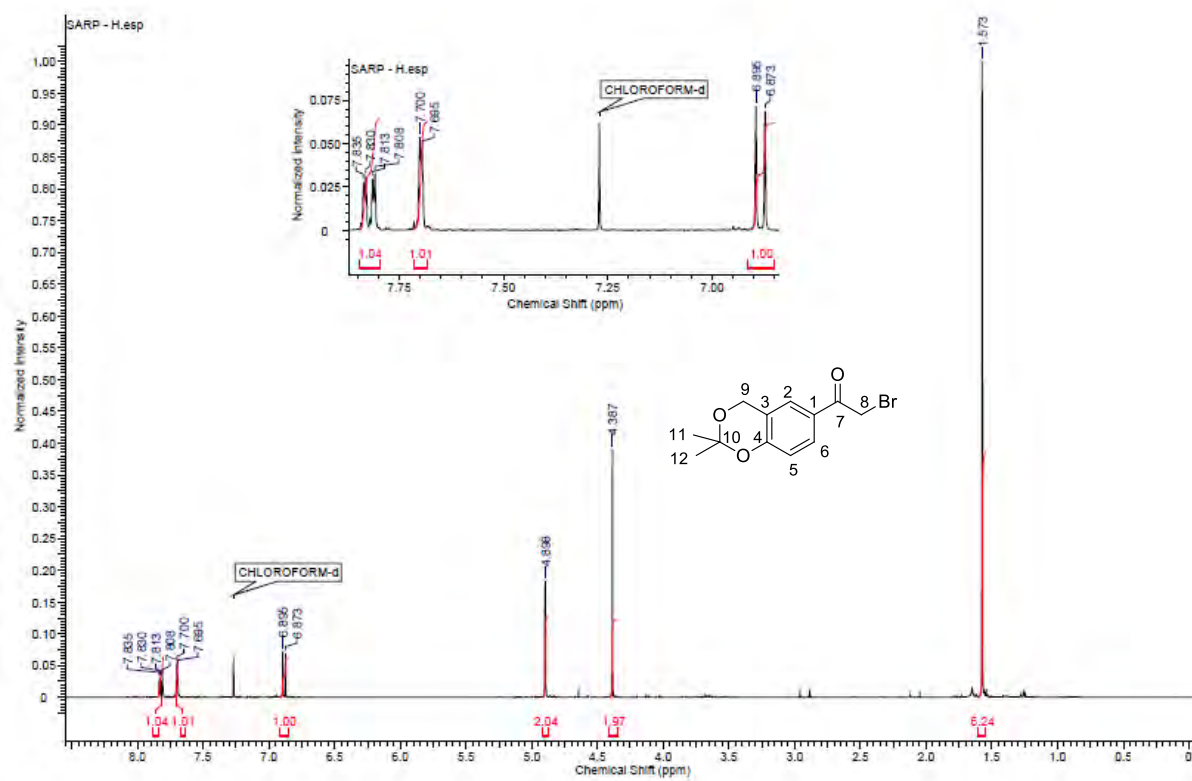
7.71) Espectro de RMN ^{13}C do produto 78 em CDCl_3 à 100MHz.



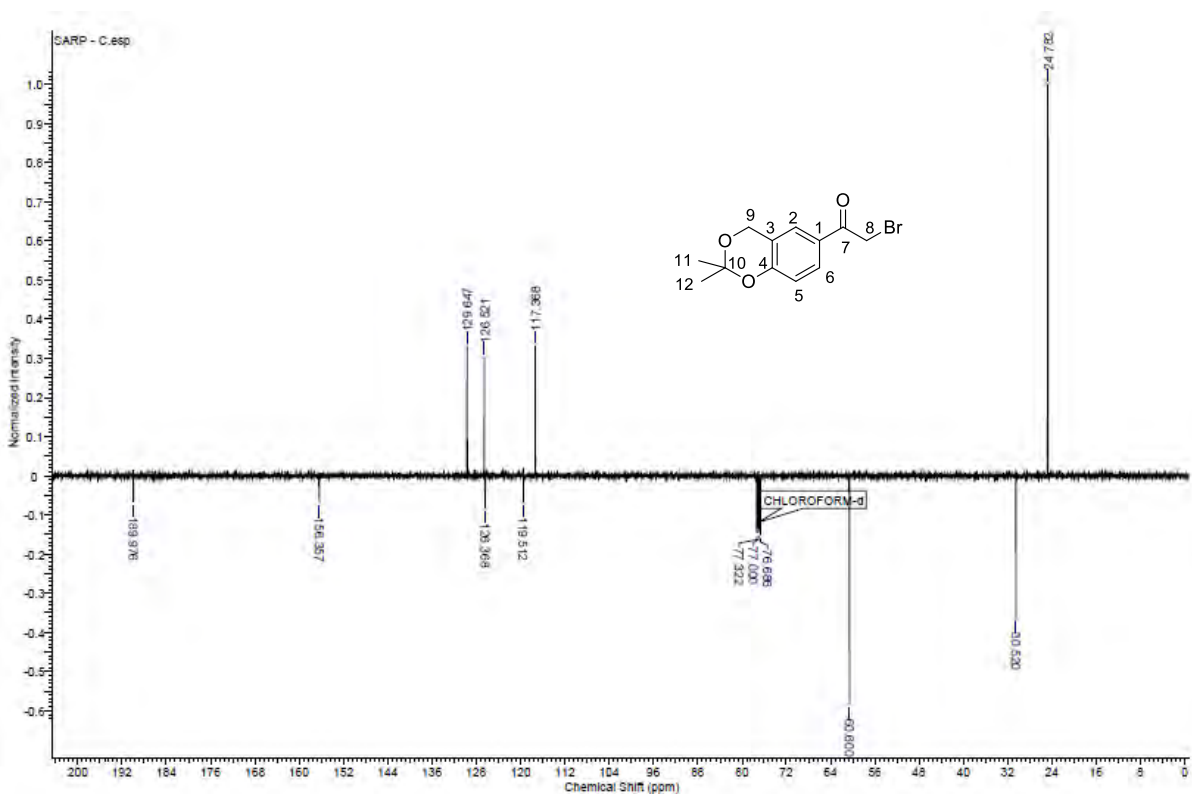
7.72) Espectro de RMN ^1H do produto 79 em CDCl_3 à 400MHz.



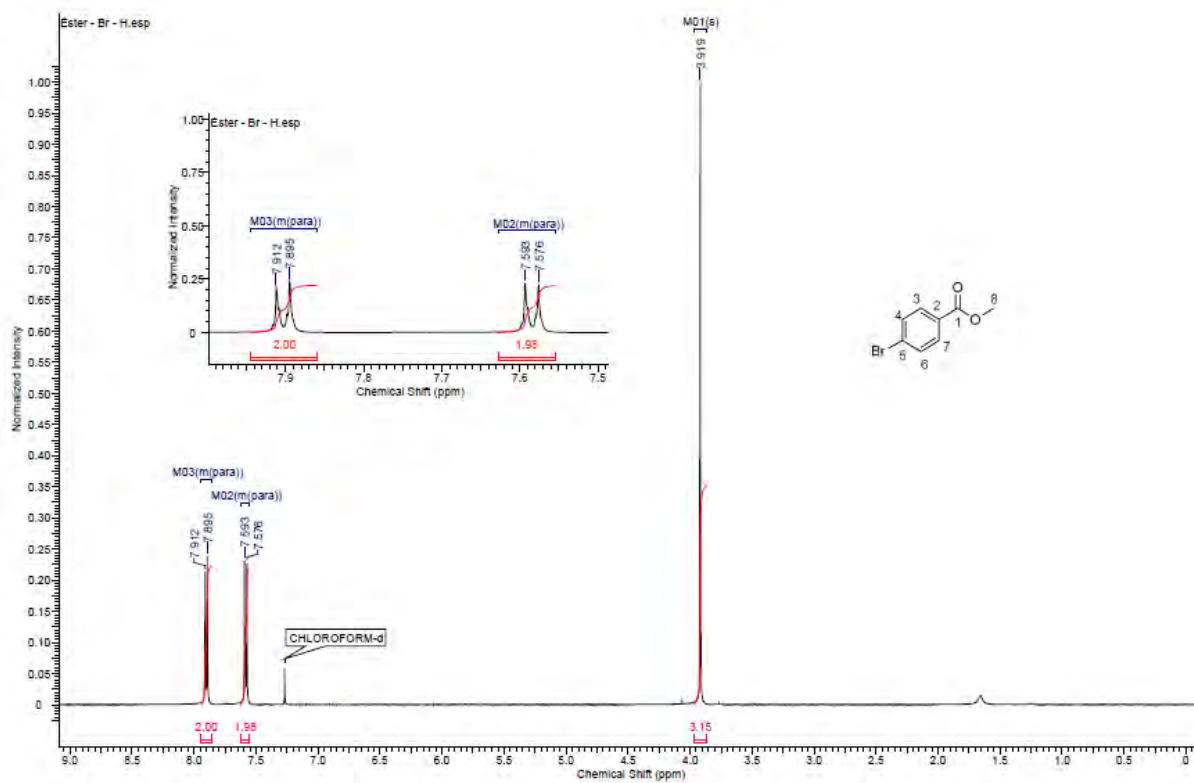
7.73) Espectro de RMN de ^1H do produto 81 em CDCl_3 à 400MHz.



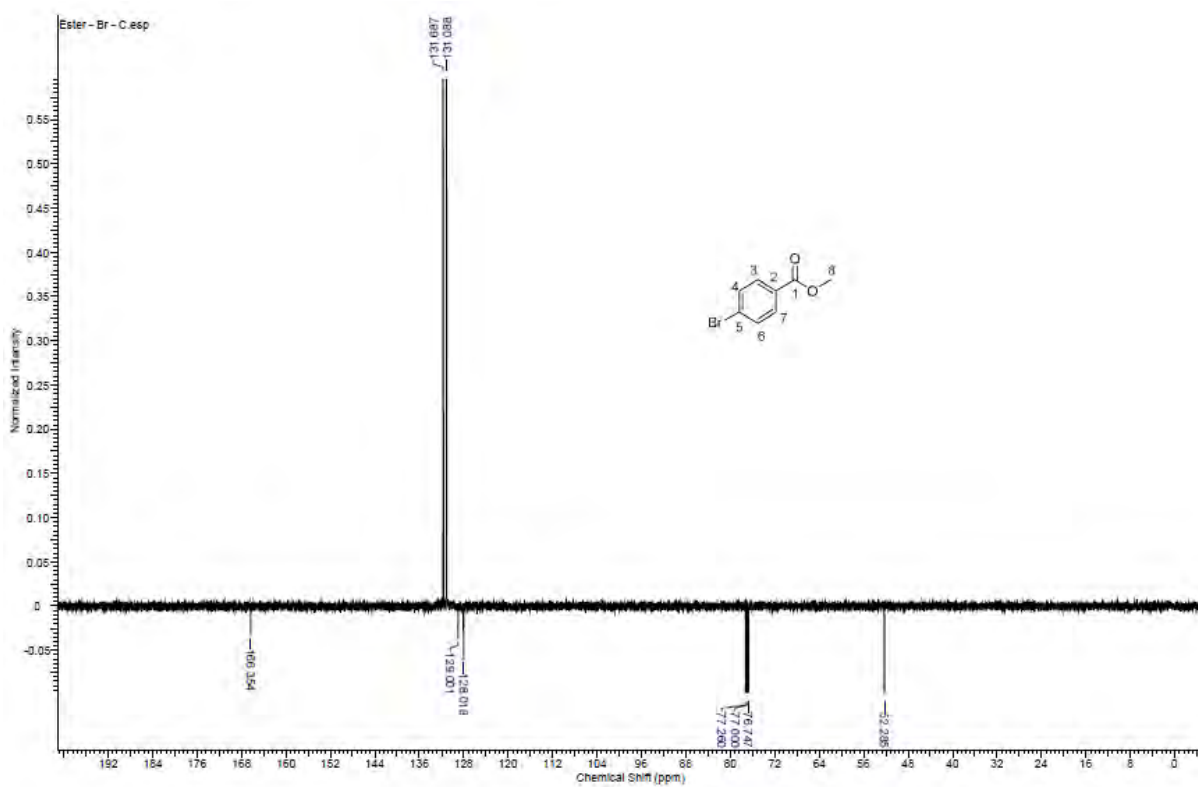
7.74) Espectro de RMN ^{13}C do produto 81 em CDCl_3 à 100MHz.



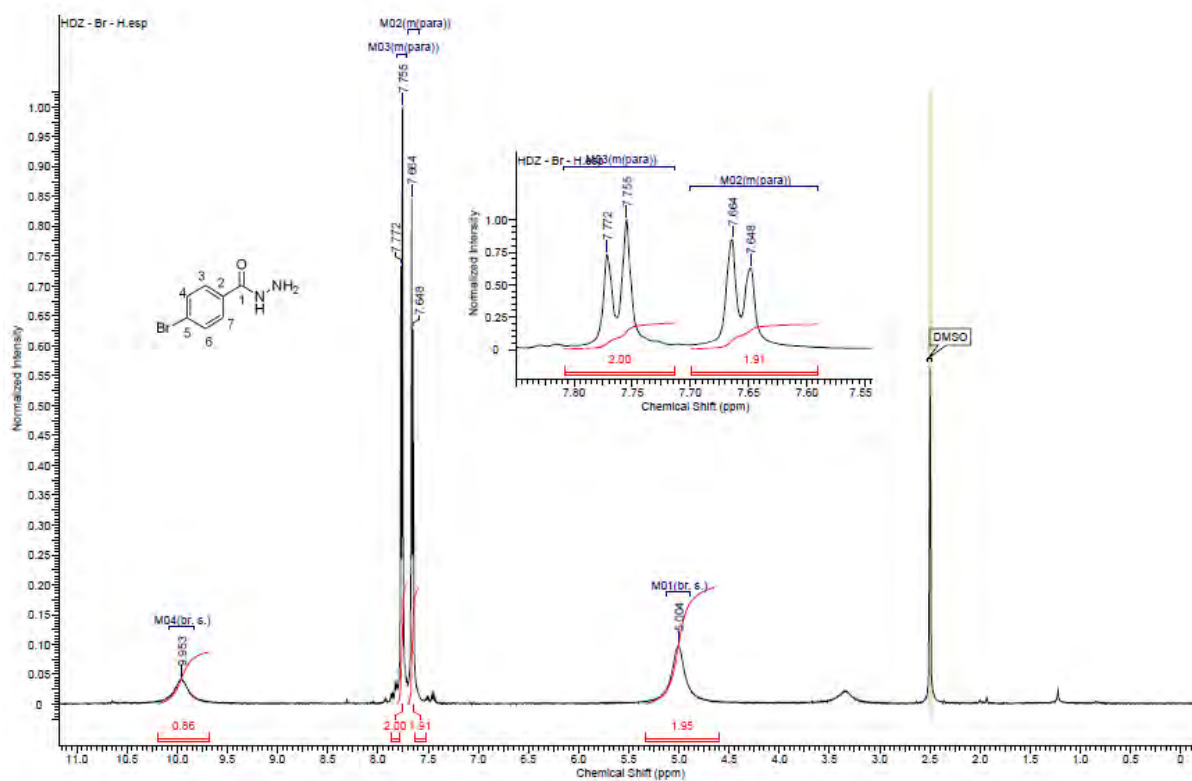
7.75) Espectro de RMN ^1H do produto 83 em CDCl_3 à 500MHz.



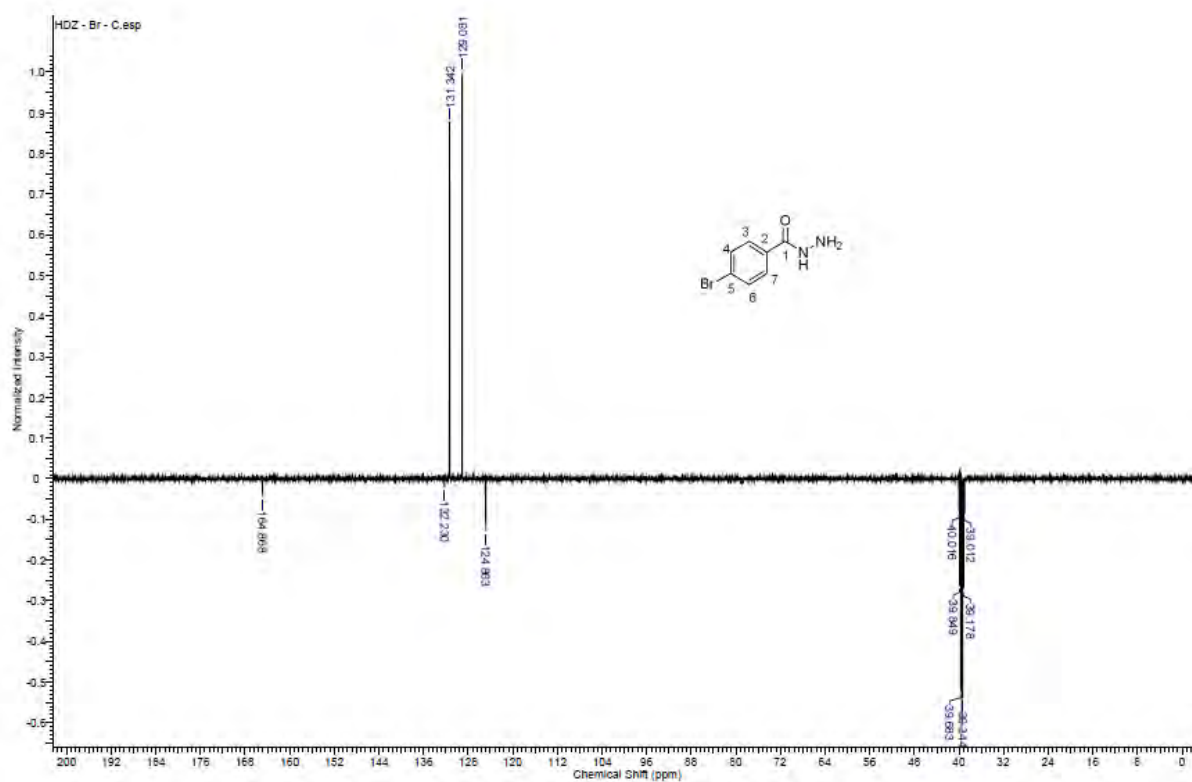
7.76) Espectro de RMN ^{13}C do produto 83 em CDCl_3 à 125MHz.



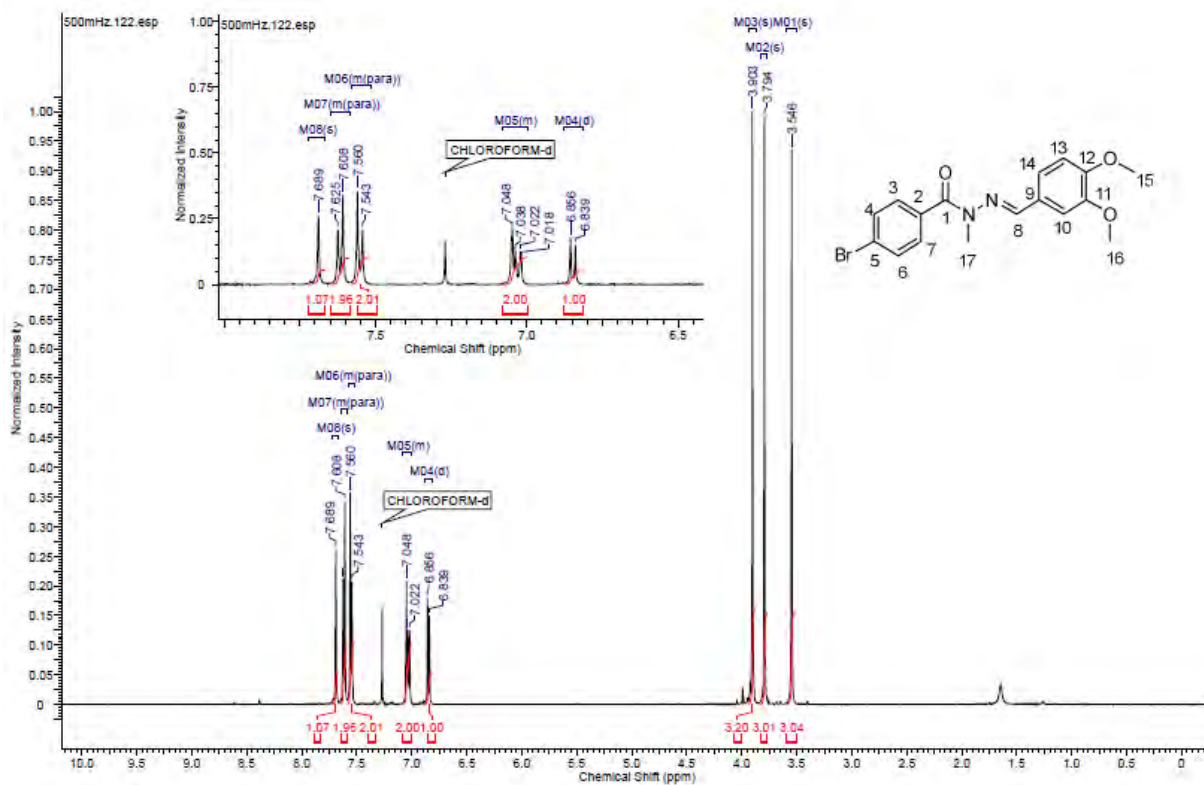
7.77) Espectro de RMN ^1H do produto 84 em DMSO à 500MHz.



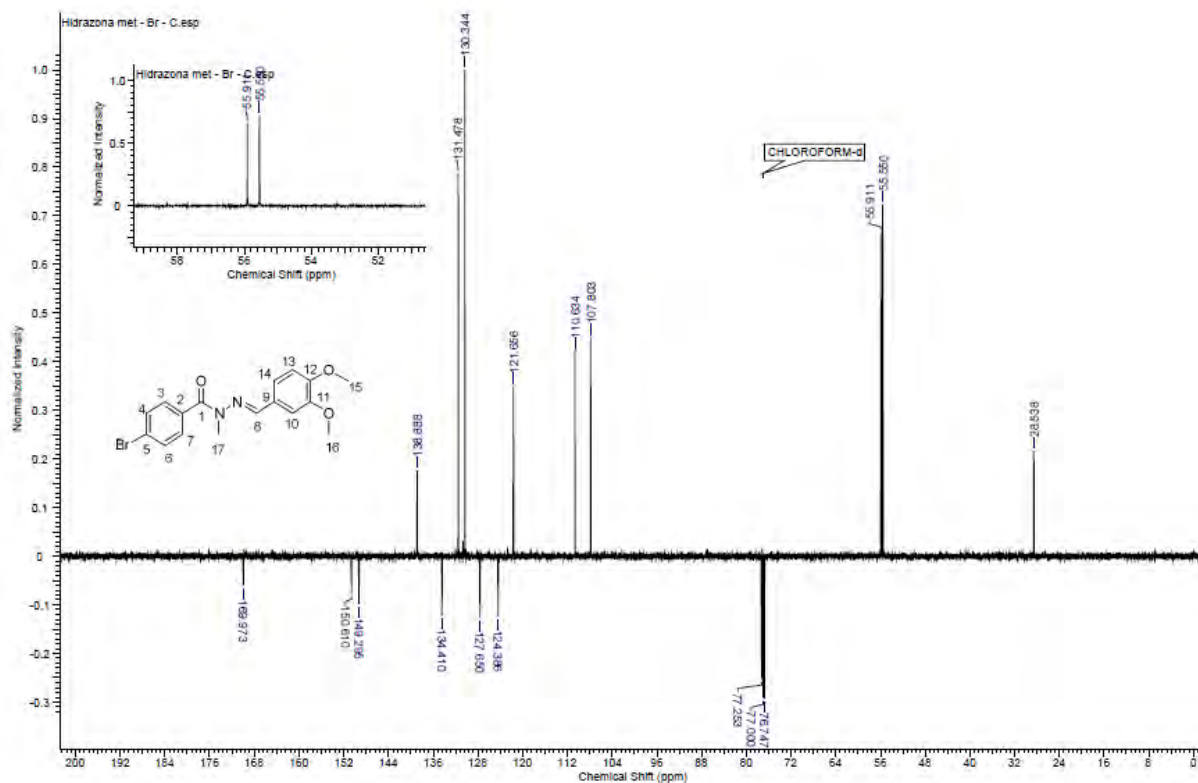
7.78) Espectro de RMN ^{13}C do produto 84 em DMSO à 125MHz.



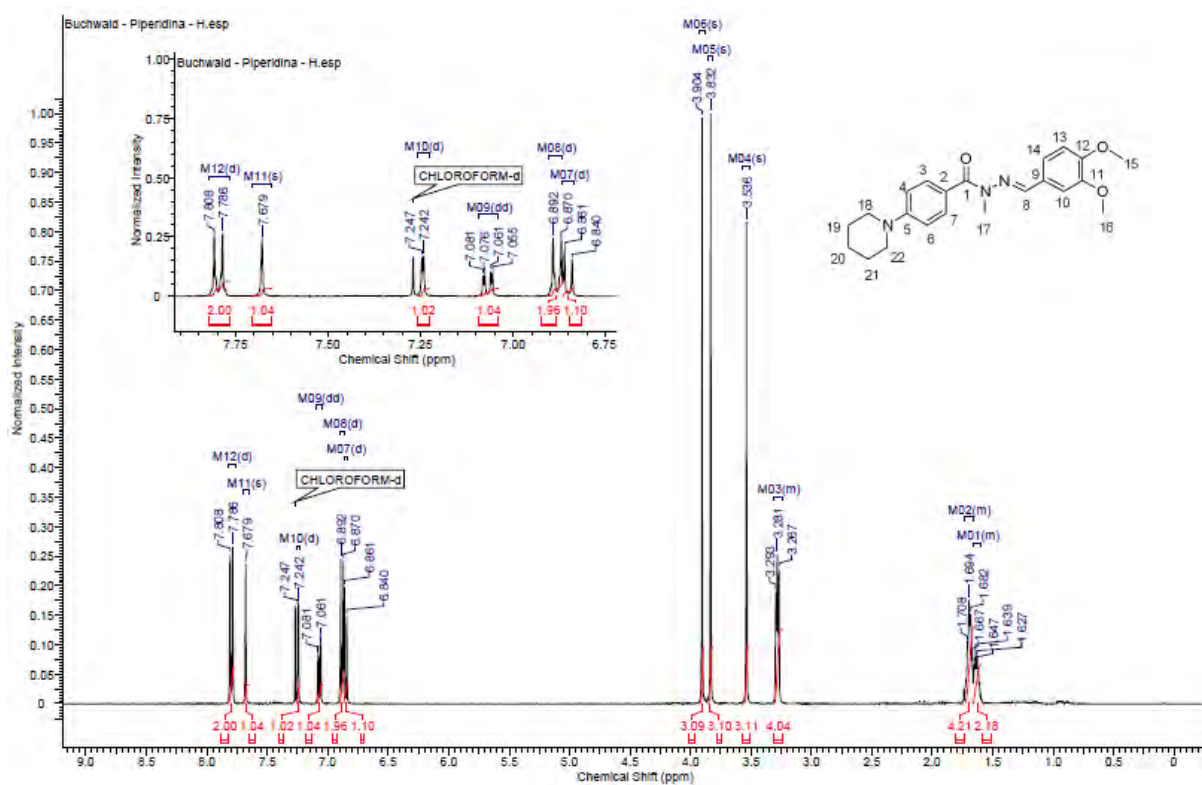
7.81) Espectro de RMN ¹H do produto 86 em CDCl₃ à 500MHz.



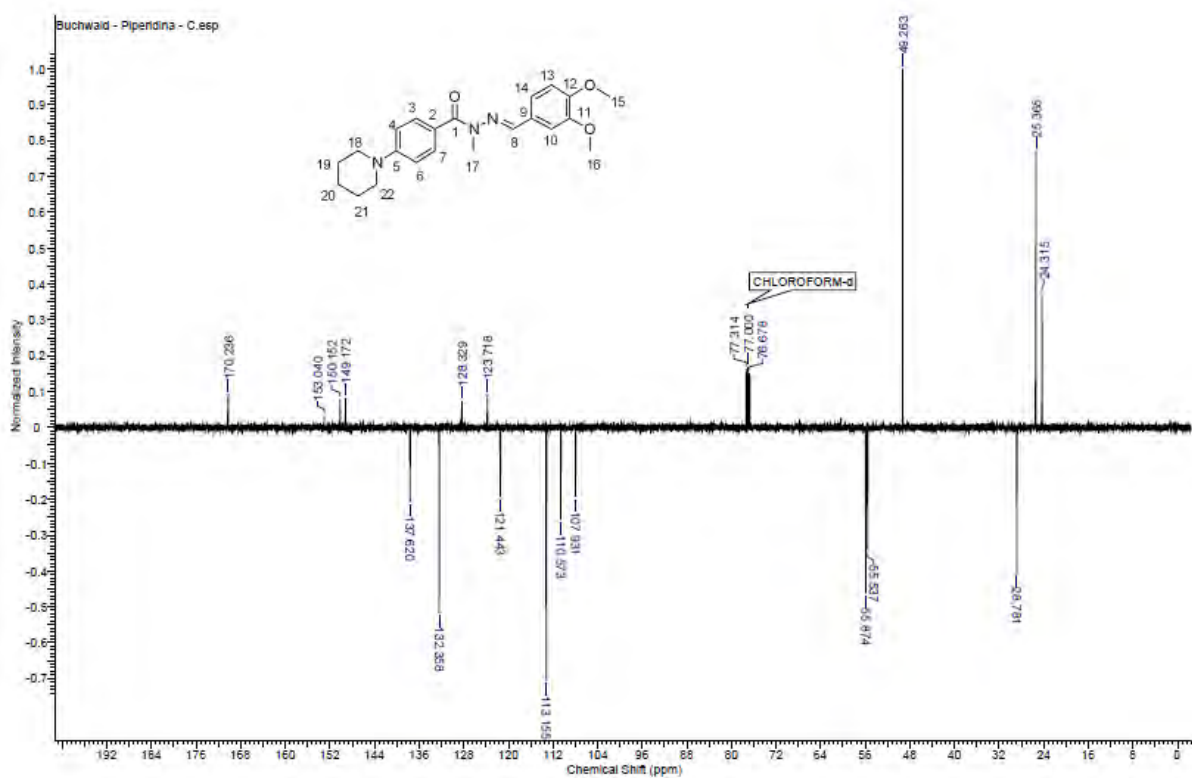
7.82) Espectro de RMN ¹³C do produto 86 em CDCl₃ à 125MHz.



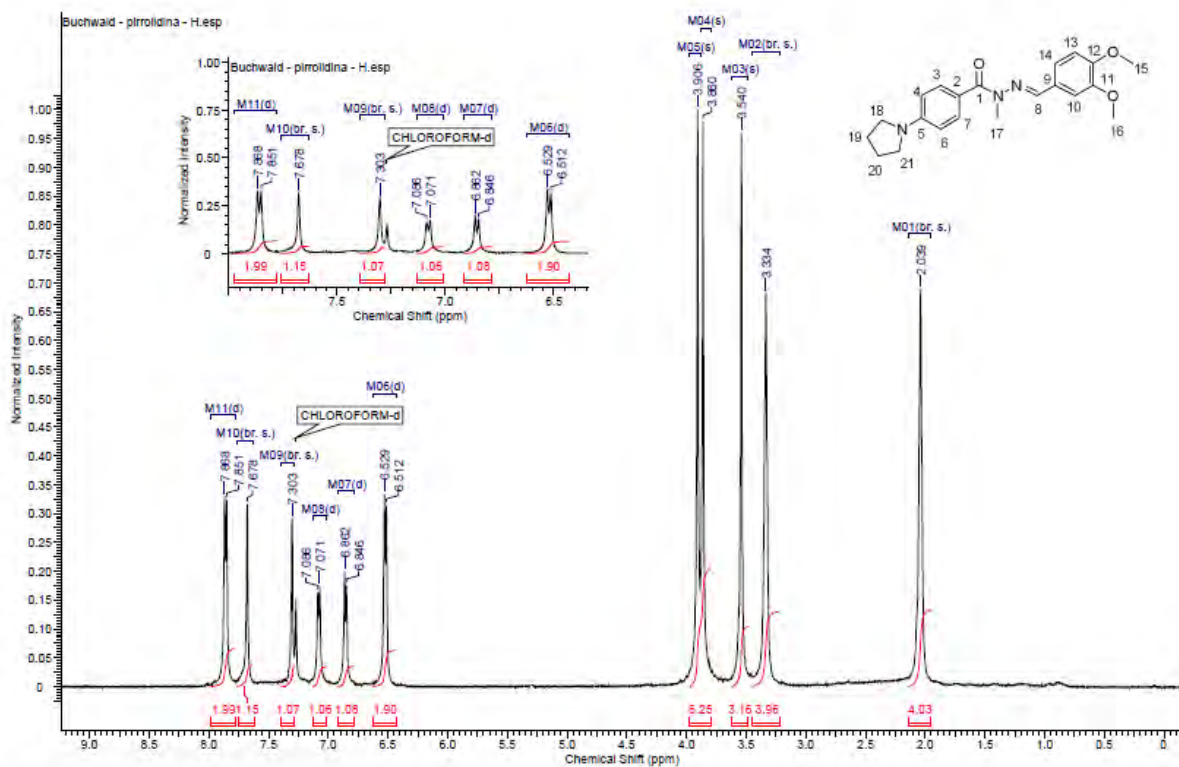
7.83) Espectro de RMN ^1H do produto 88a em CDCl_3 à 400MHz.



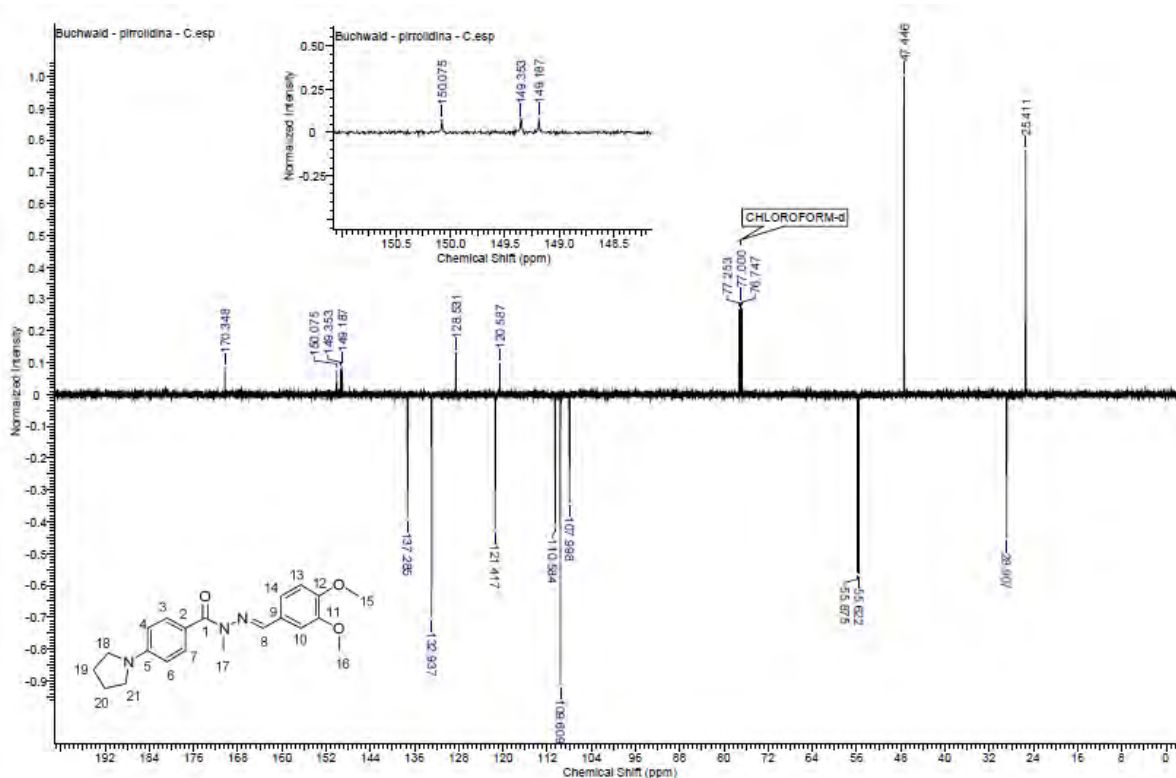
7.84) Espectro de RMN ^{13}C do produto 88a em CDCl_3 à 100MHz.



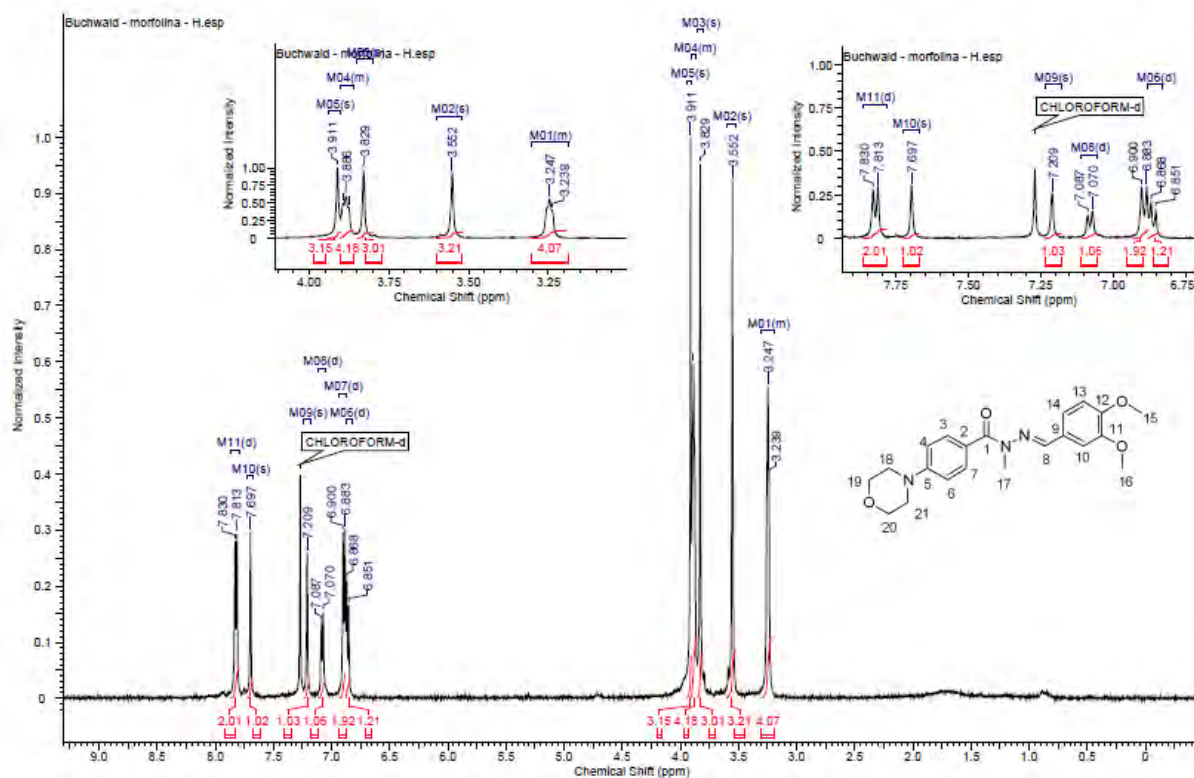
7.85) Espectro de RMN ^1H do produto 88b em CDCl_3 à 500MHz.



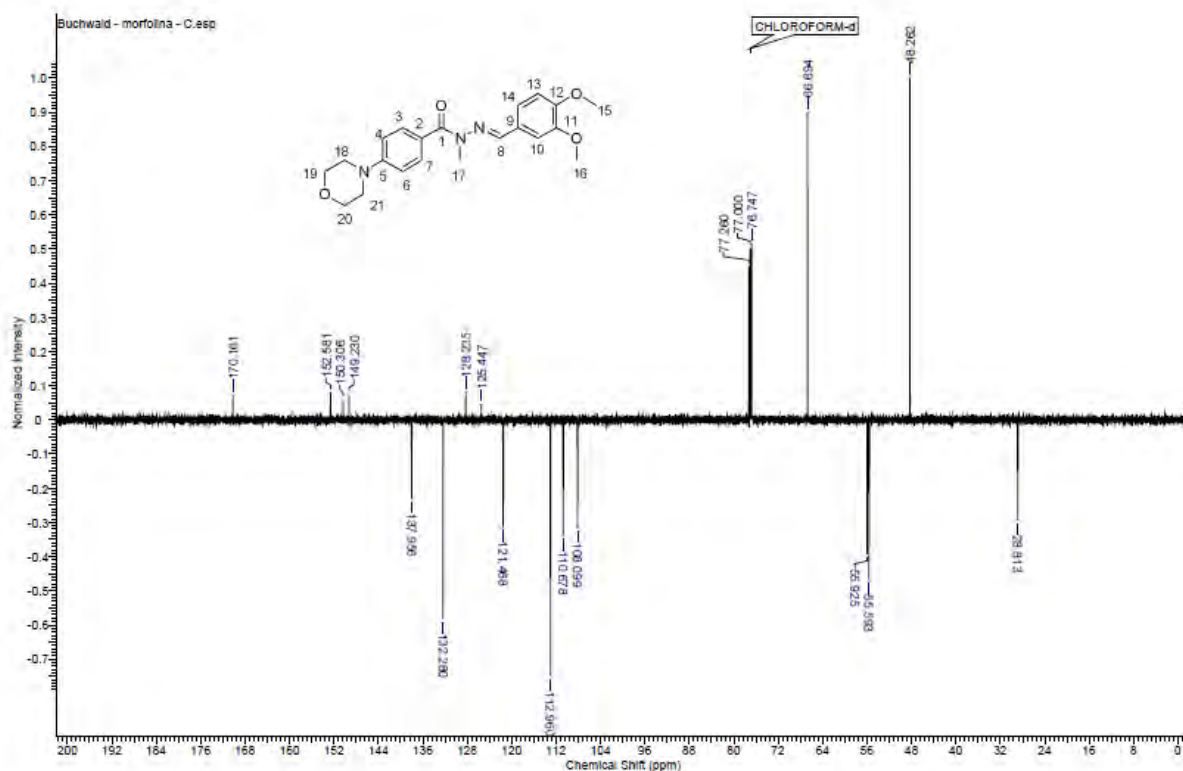
7.86) Espectro de RMN ^{13}C do produto 88b em CDCl_3 à 125MHz.



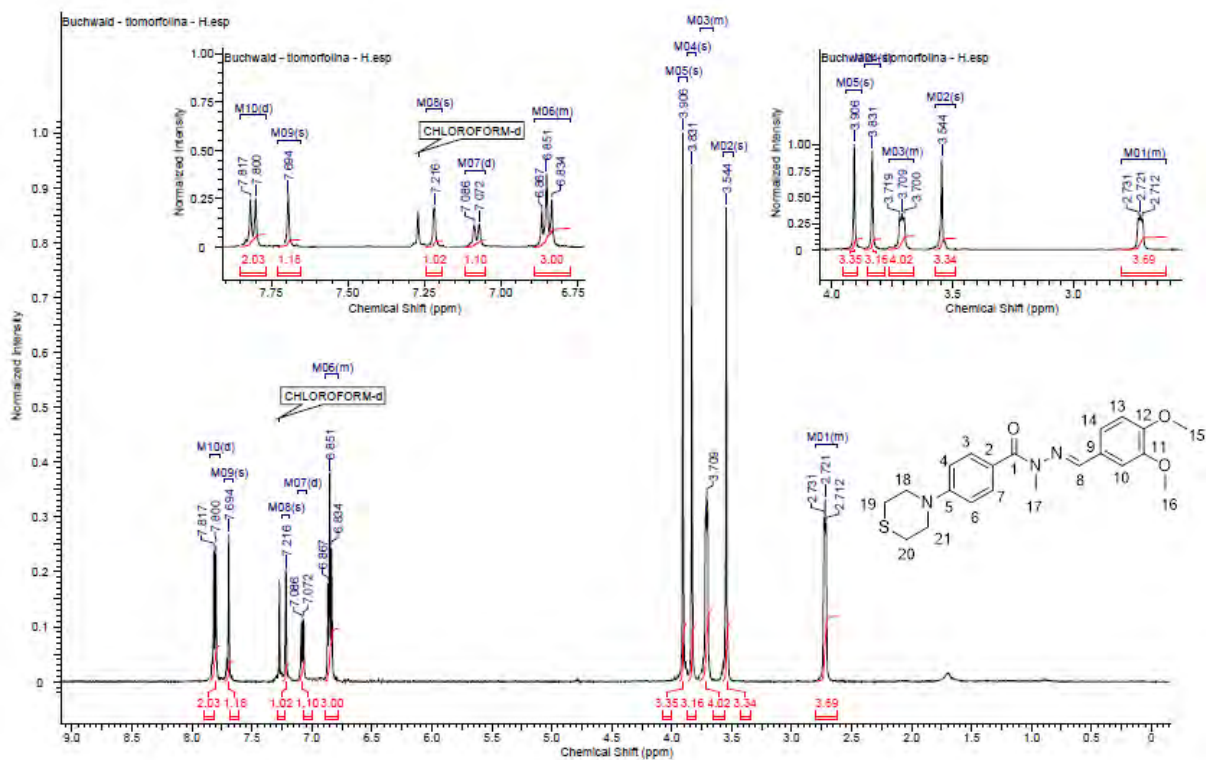
7.87) Espectro de RMN ^1H do produto 88c em CDCl_3 à 500MHz.



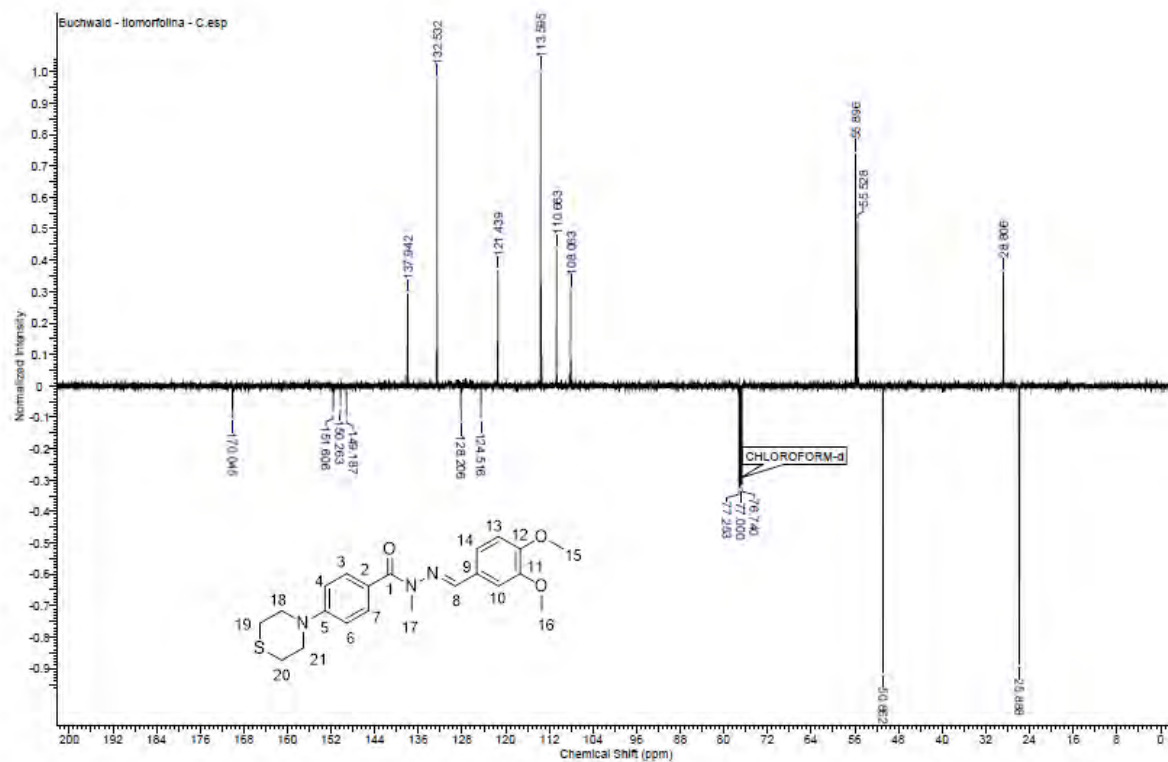
7.88) Espectro de RMN ^{13}C do produto 88c em CDCl_3 à 125MHz.



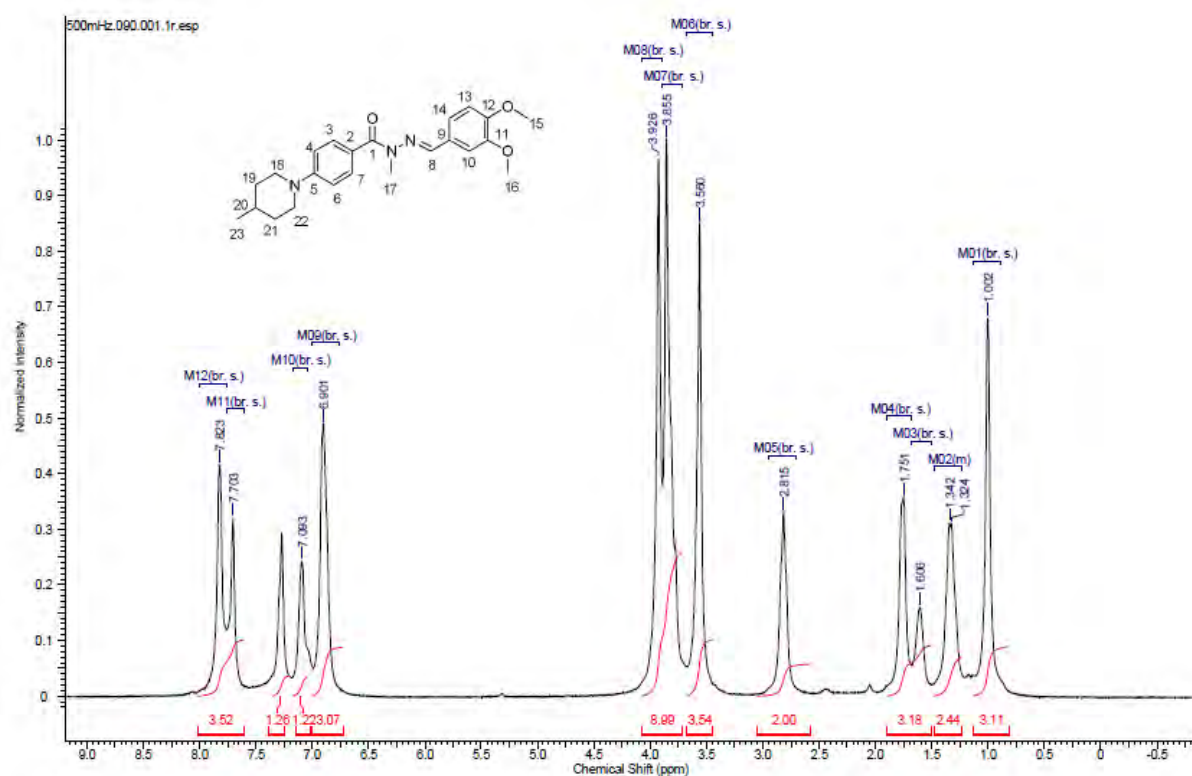
7.89) Espectro de RMN ^1H do produto 88d em CDCl_3 à 500MHz.



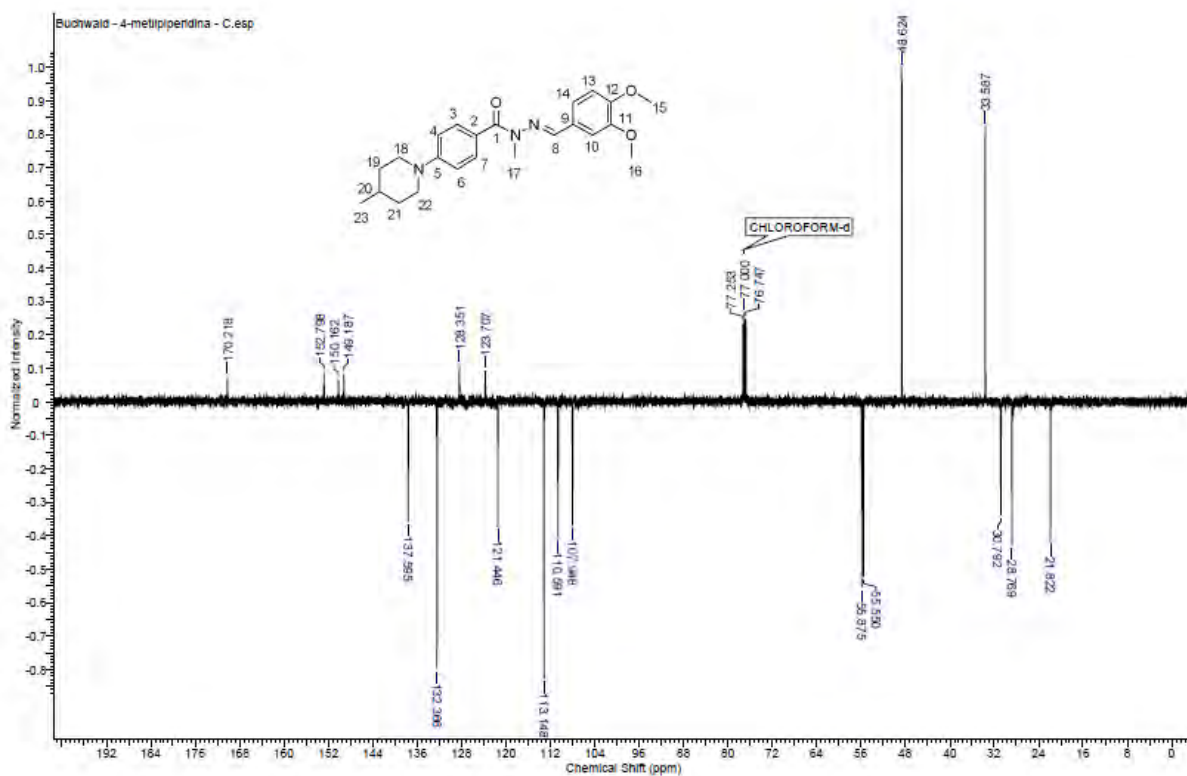
7.90) Espectro de RMN ^{13}C do produto 88d em CDCl_3 à 125MHz.



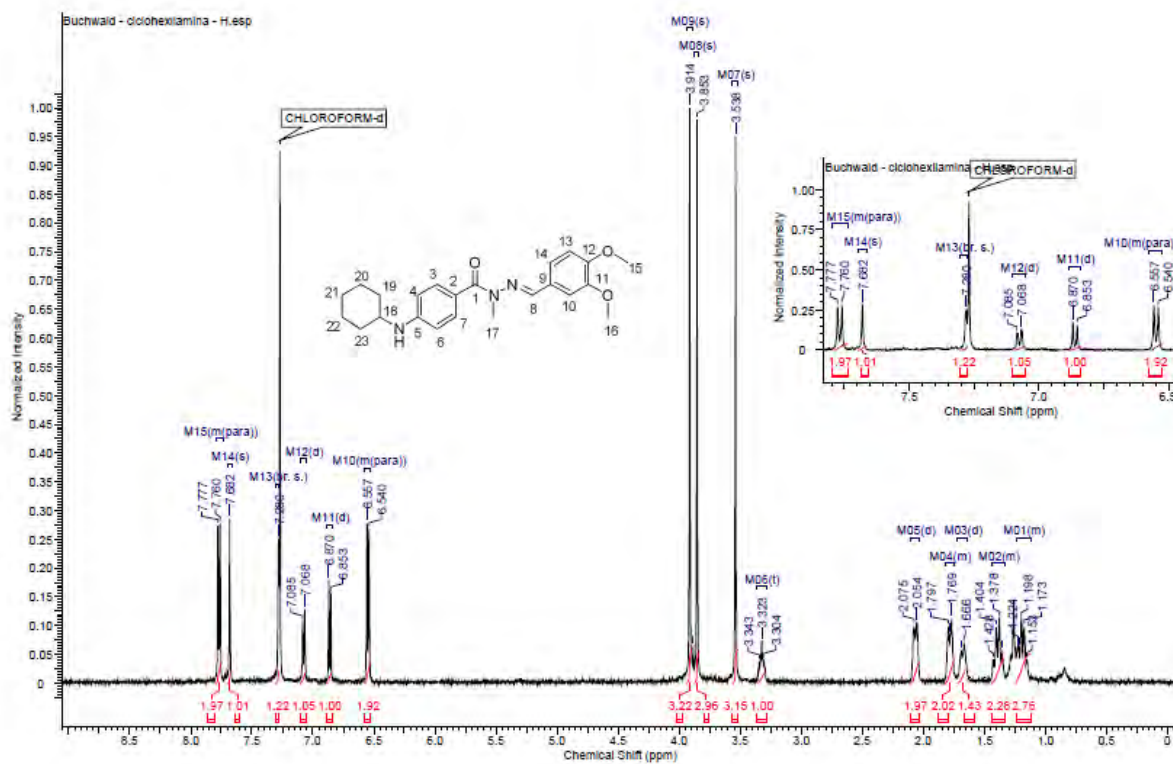
7.91) Espectro de RMN ^1H do produto 88e em CDCl_3 à 500MHz.



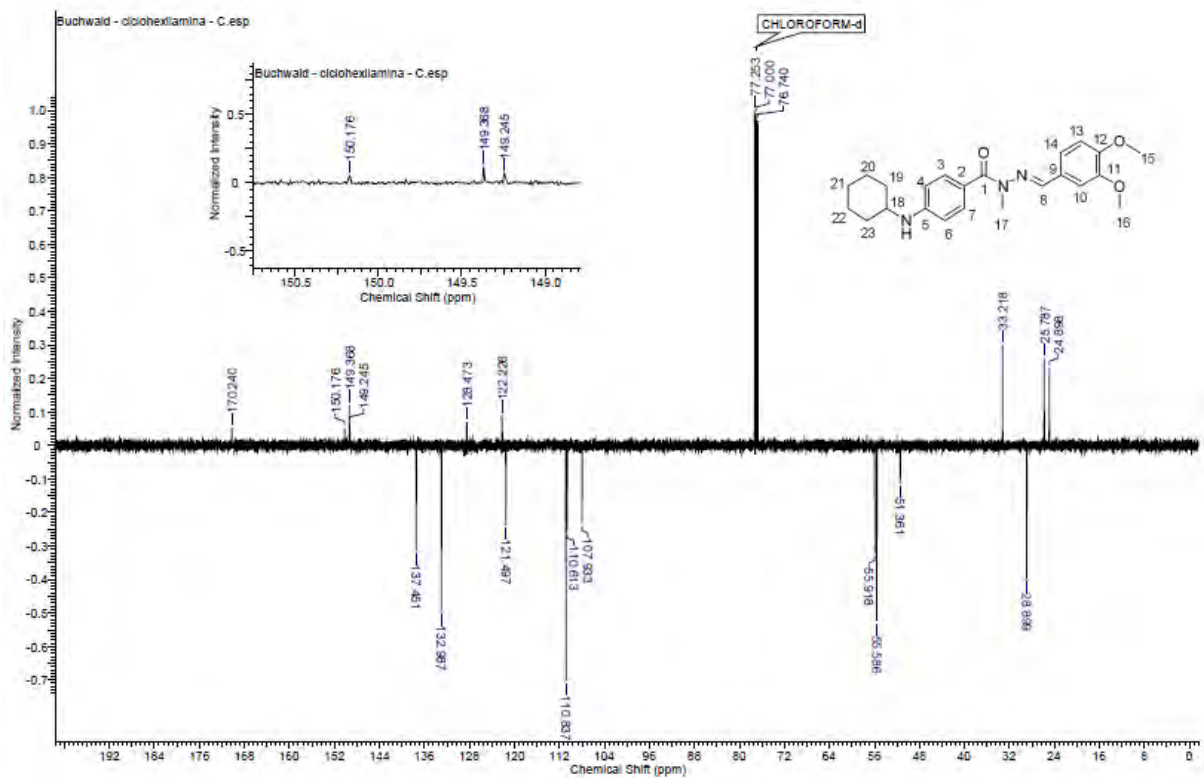
7.92) Espectro de RMN ^{13}C do produto 88e em CDCl_3 à 125MHz.



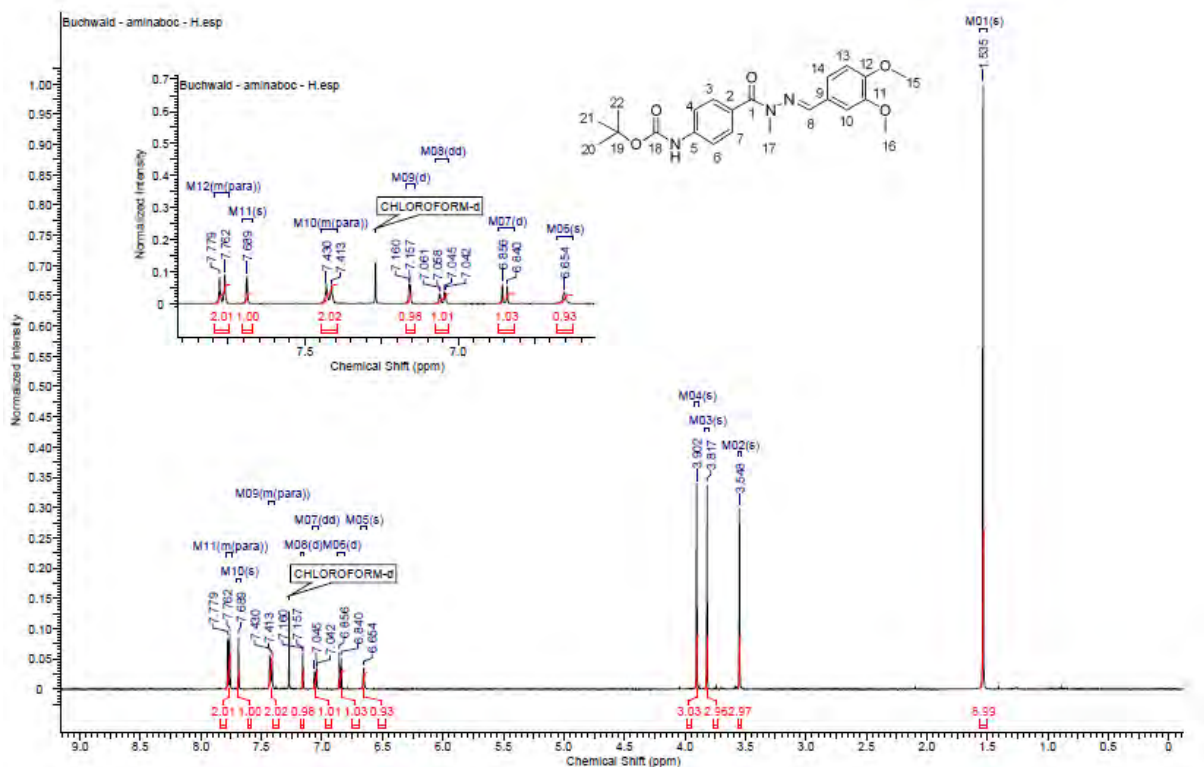
7.93) Espectro de RMN ^1H do produto 88f em CDCl_3 à 500MHz.



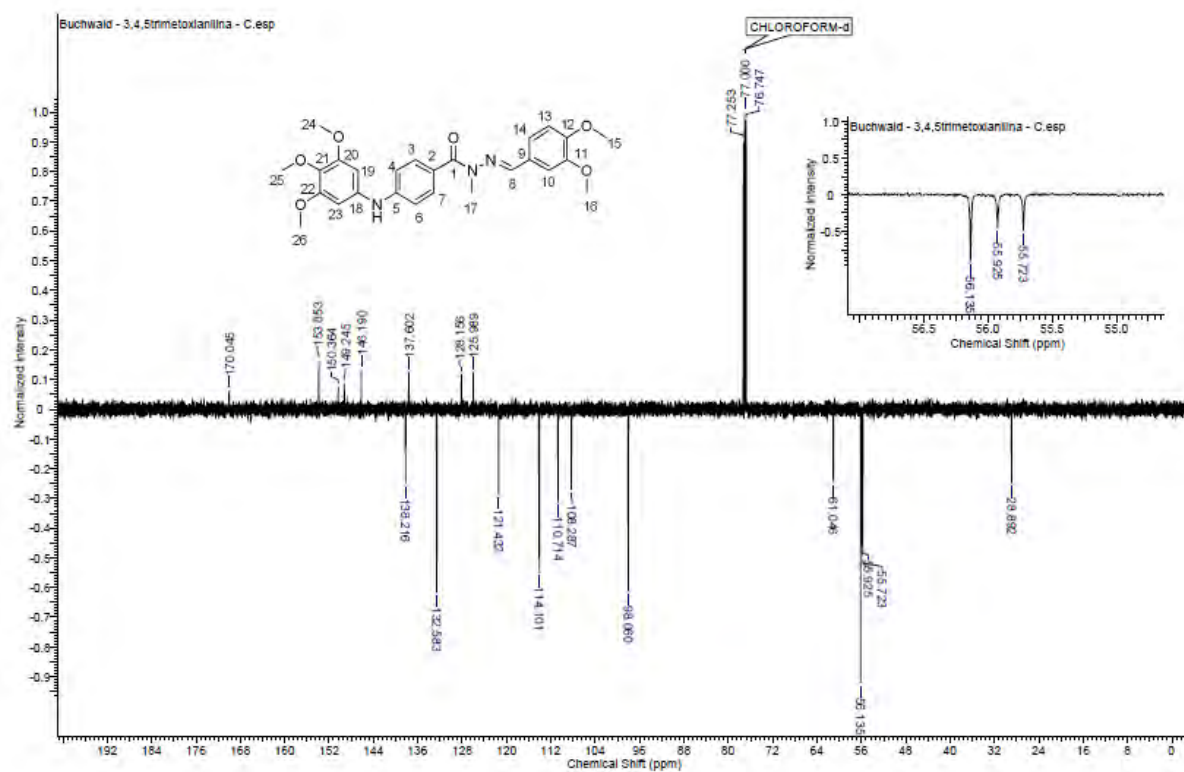
7.94) Espectro de RMN ^{13}C do produto 88f em CDCl_3 à 125MHz.



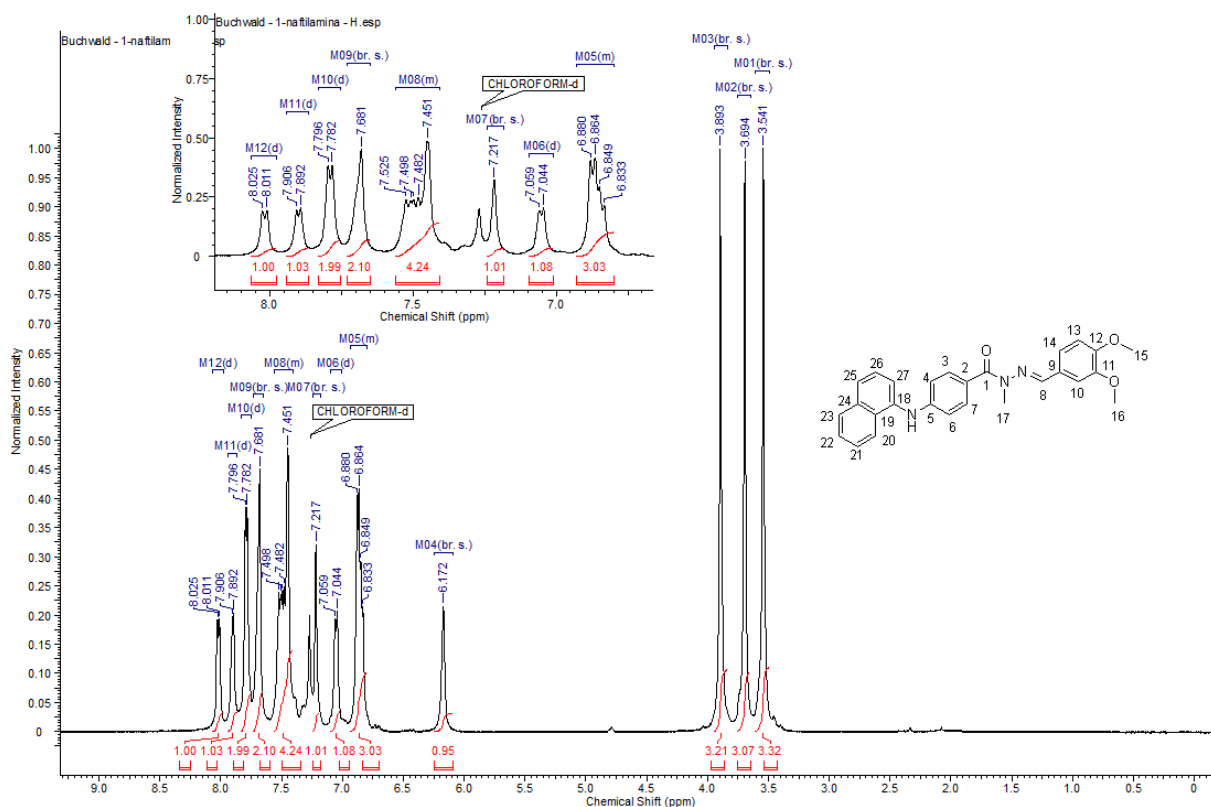
7.95) Espectro de RMN ^1H do produto 88g em CDCl_3 à 500MHz.



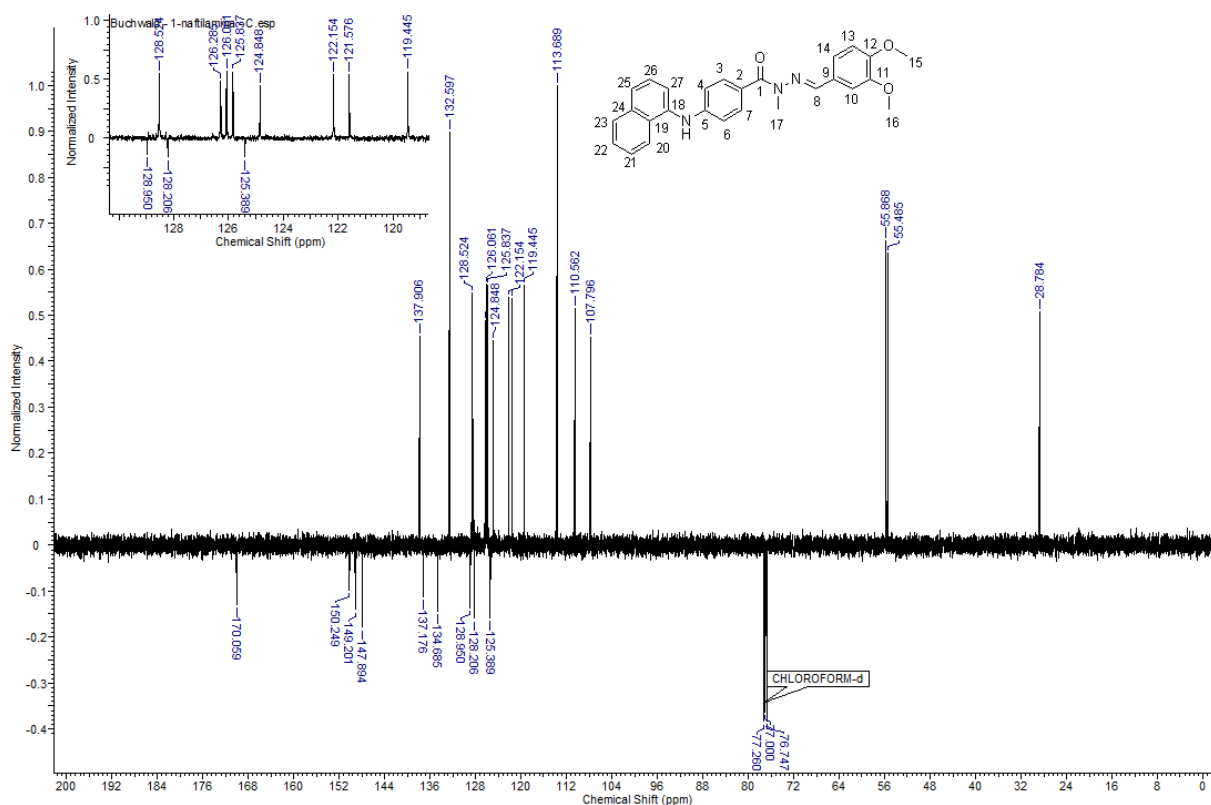
7.106) Espectro de RMN ^{13}C do produto 88l em CDCl_3 à 125MHz.



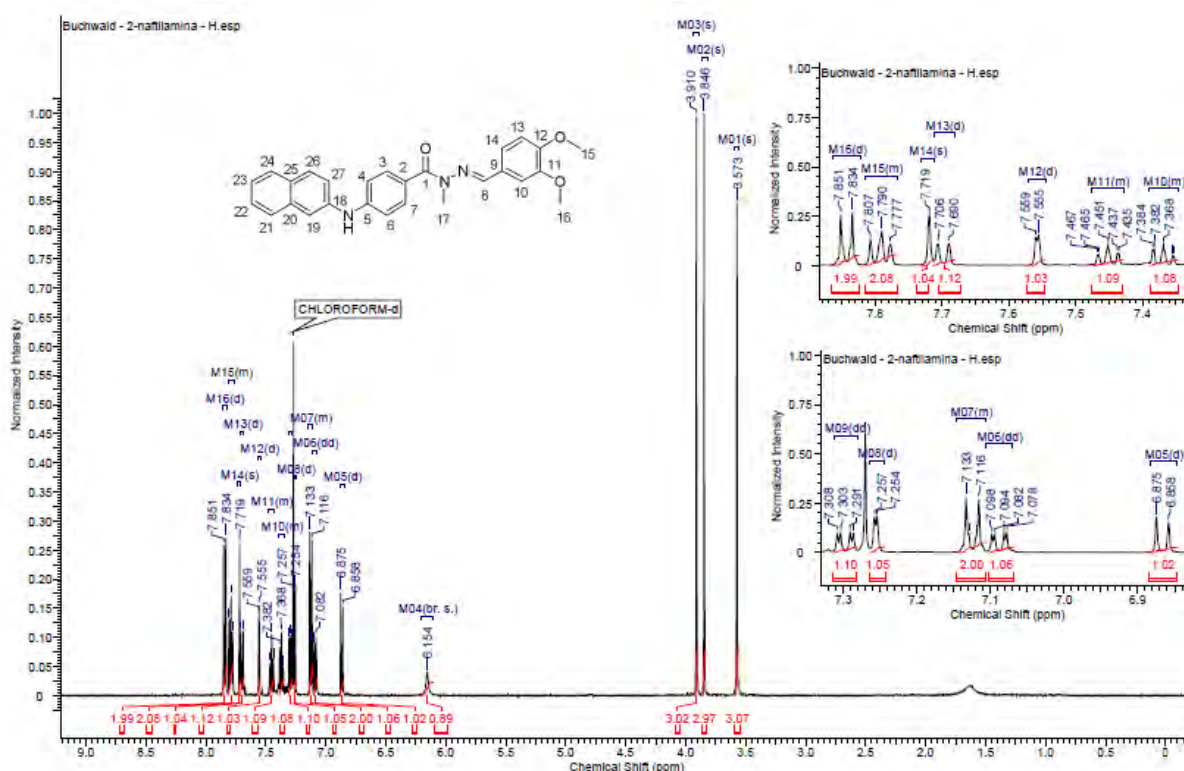
7.107) Espectro de RMN ^1H do produto 88m em CDCl_3 à 500MHz.



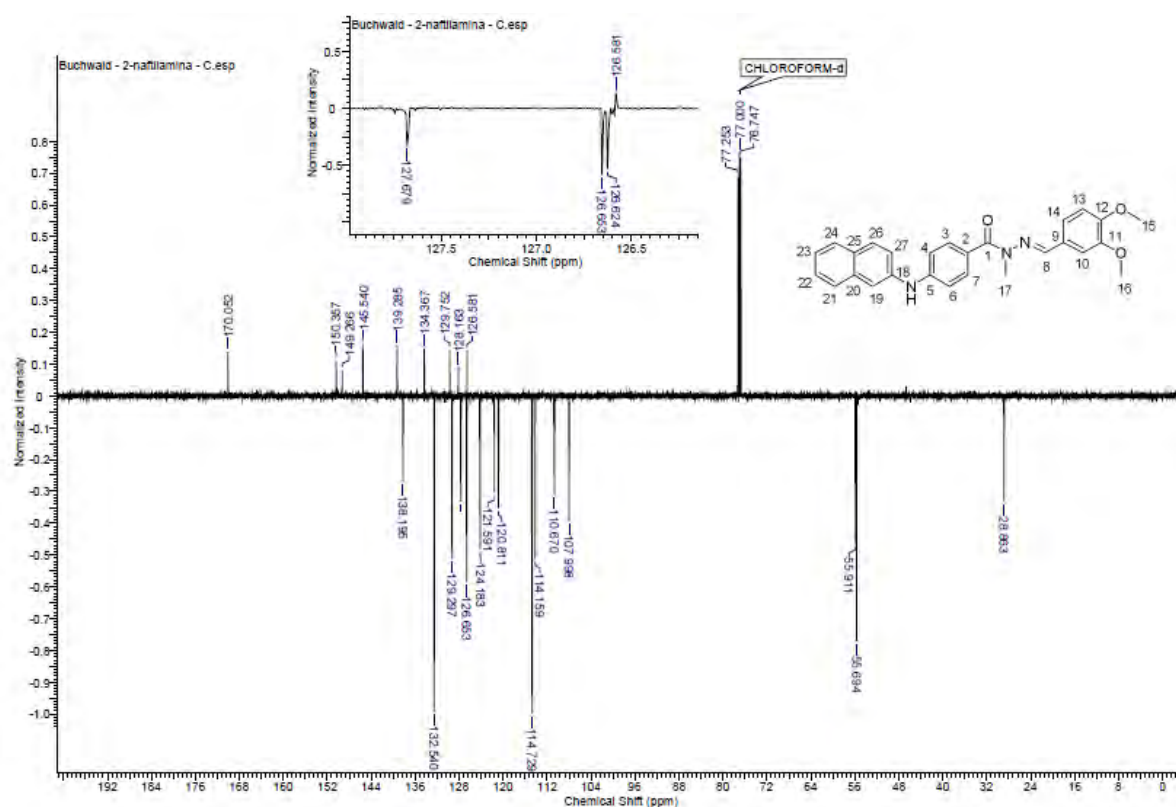
7.108) Espectro de RMN ^{13}C do produto 88m em CDCl_3 à 125MHz.



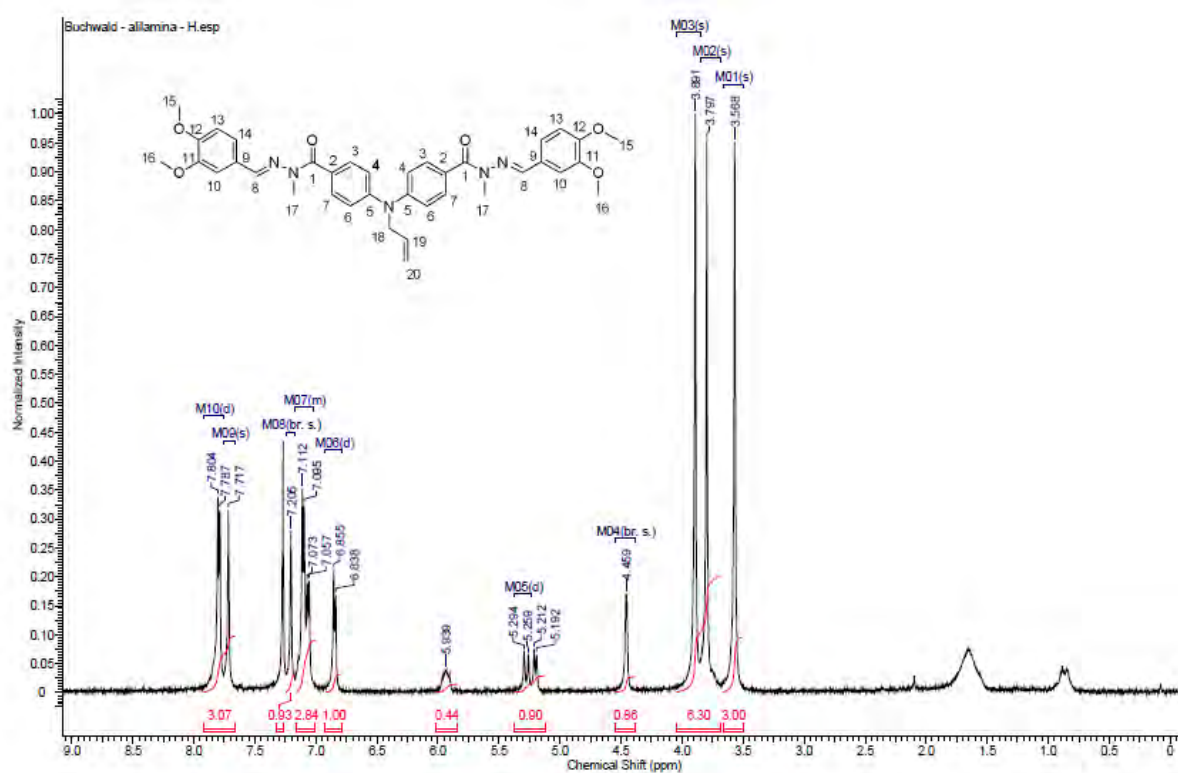
7.109) Espectro de RMN ^1H do produto 88n em CDCl_3 à 500MHz.



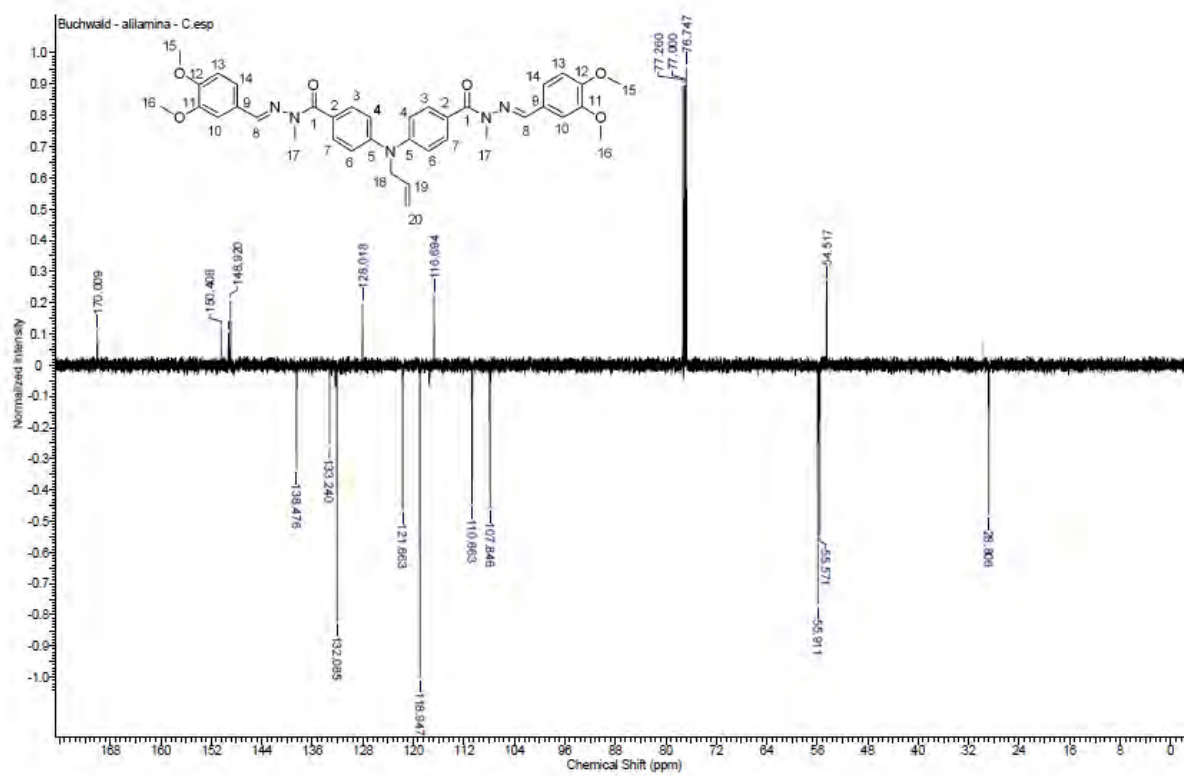
7.110) Espectro de RMN ^{13}C do produto 88n em CDCl_3 à 125MHz.



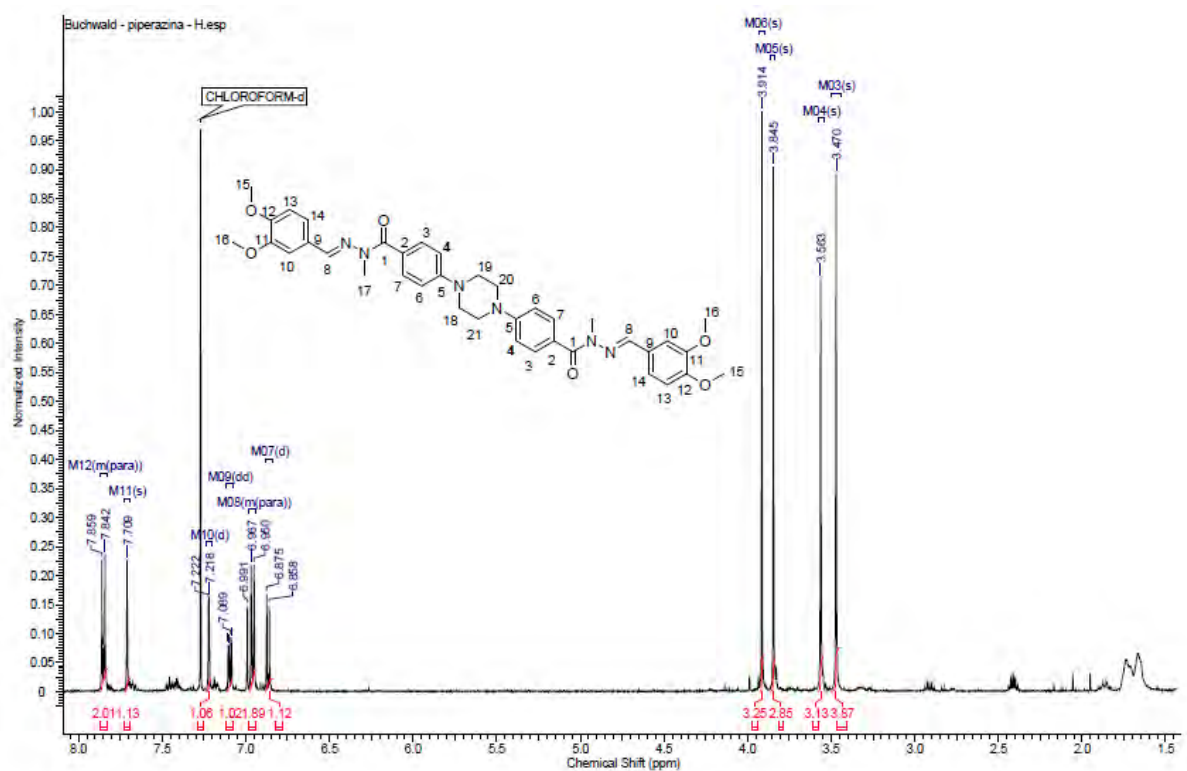
7.111) Espectro de RMN ^1H do produto 88o em CDCl_3 à 500MHz.



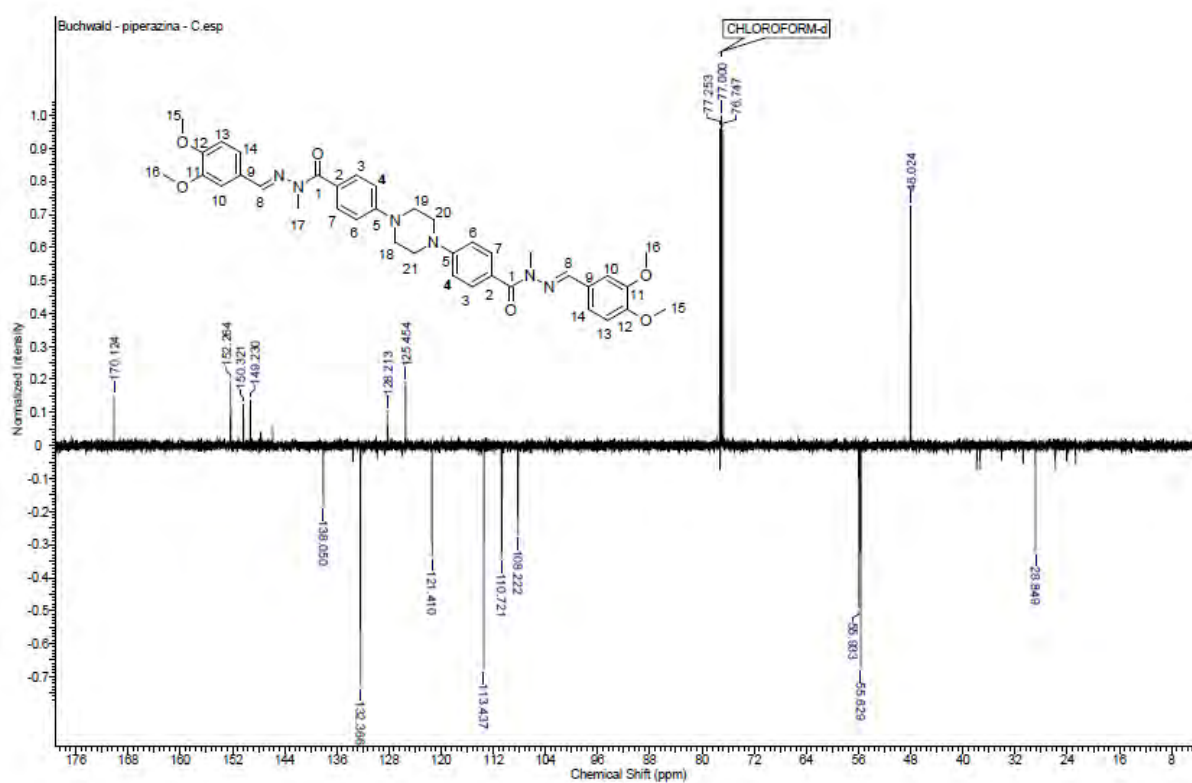
7.112) Espectro de RMN ^{13}C do produto 88o em CDCl_3 à 125MHz.



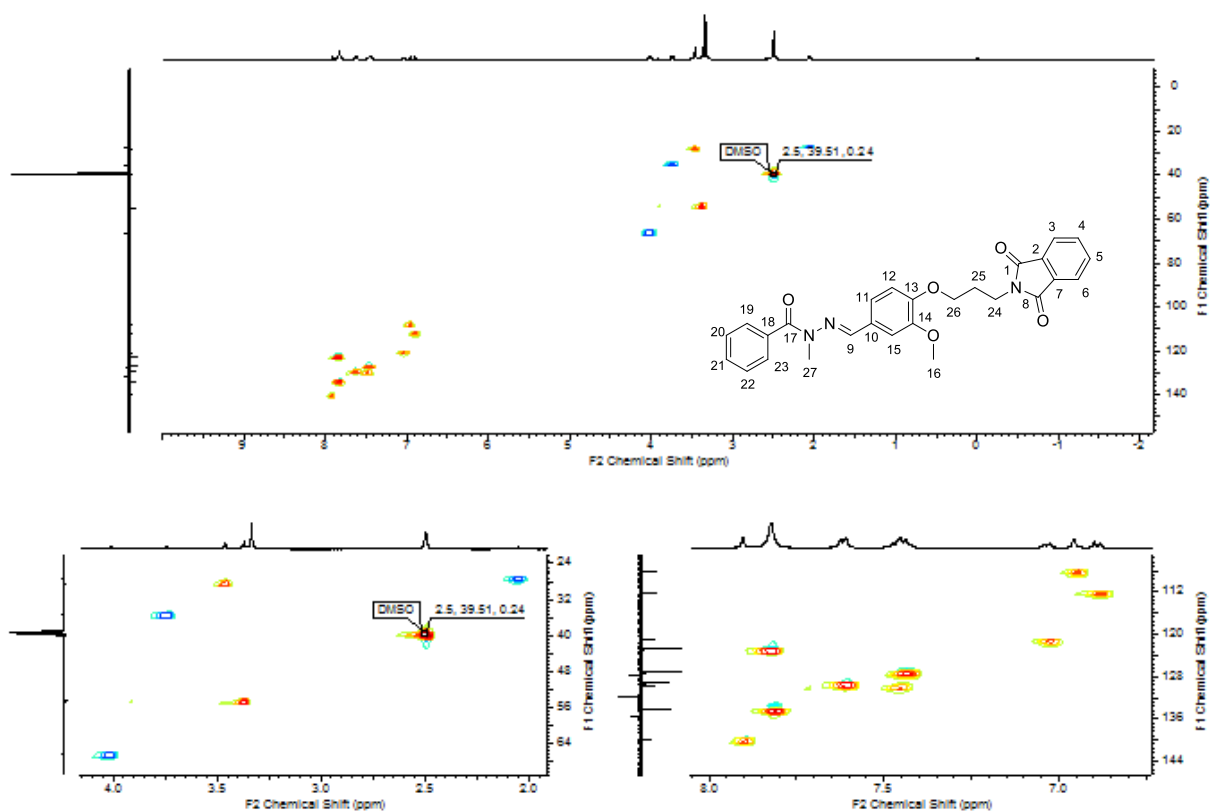
7.113) Espectro de RMN ^1H do produto 88p em CDCl_3 à 500MHz.



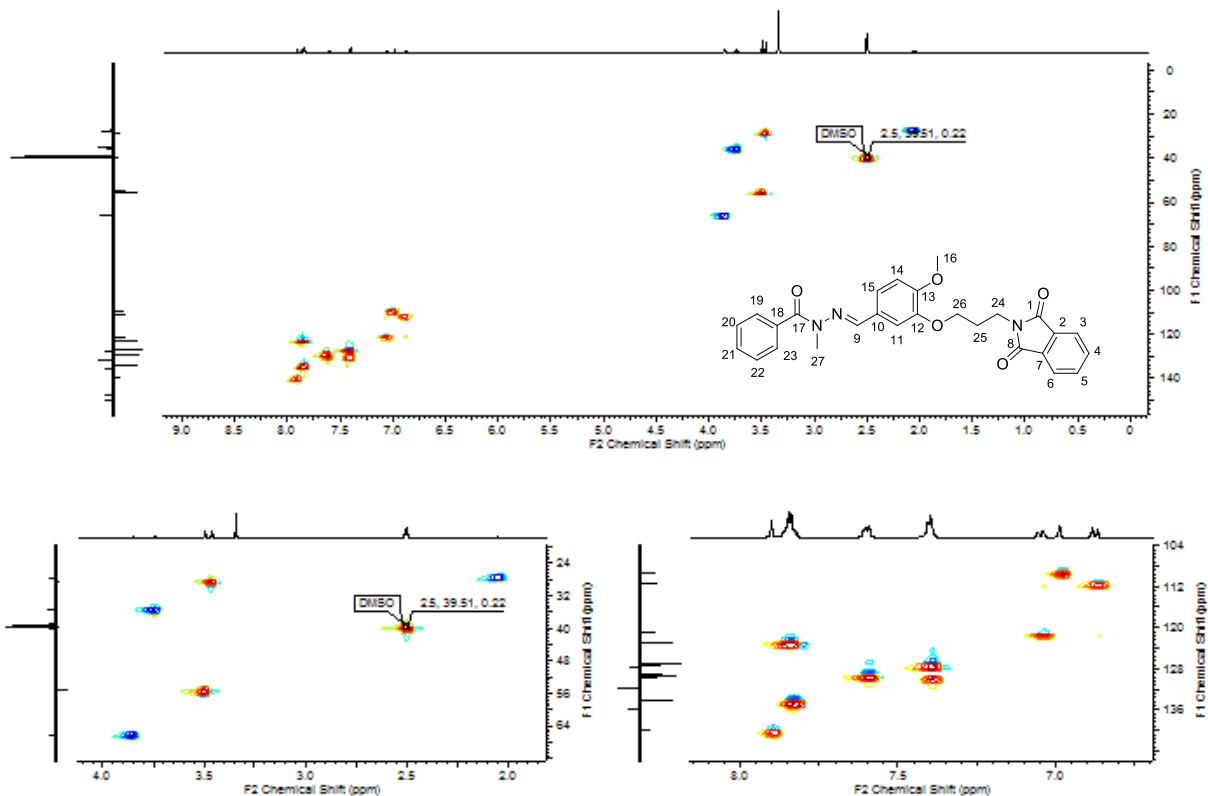
7.114) Espectro de RMN ^{13}C do produto 88p em CDCl_3 à 125MHz.



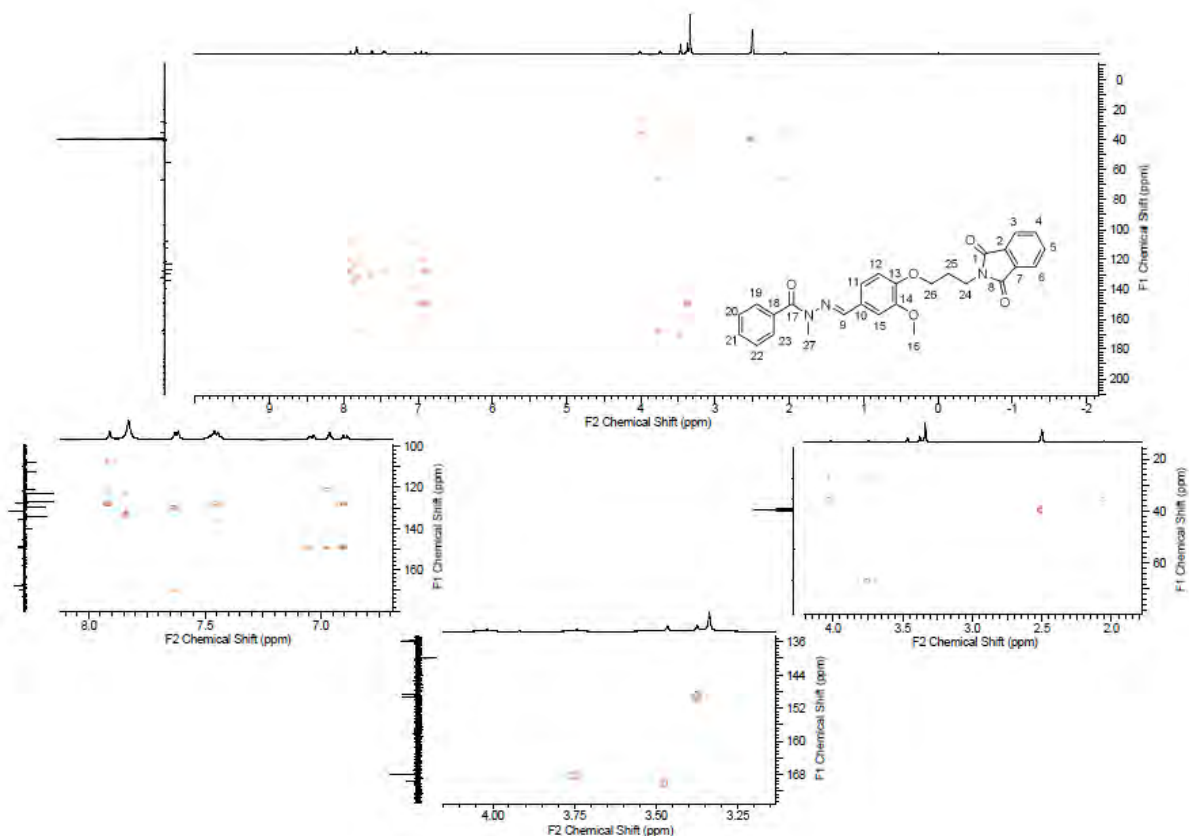
7.115) Espectro de RMN HSQC do produto 65a em DMSO à 500MHz e 125MHz.



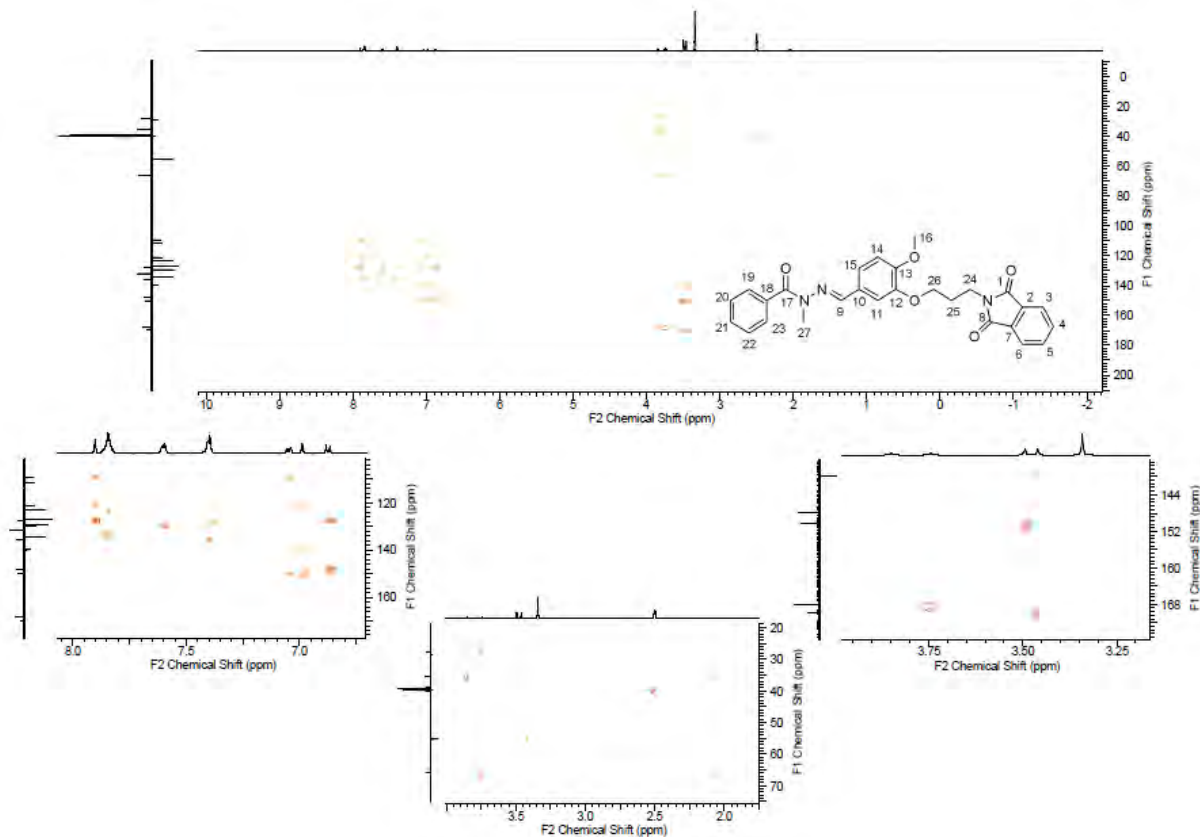
7.116) Espectro de RMN HSQC do produto 66a em DMSO à 500MHz e 125MHz.



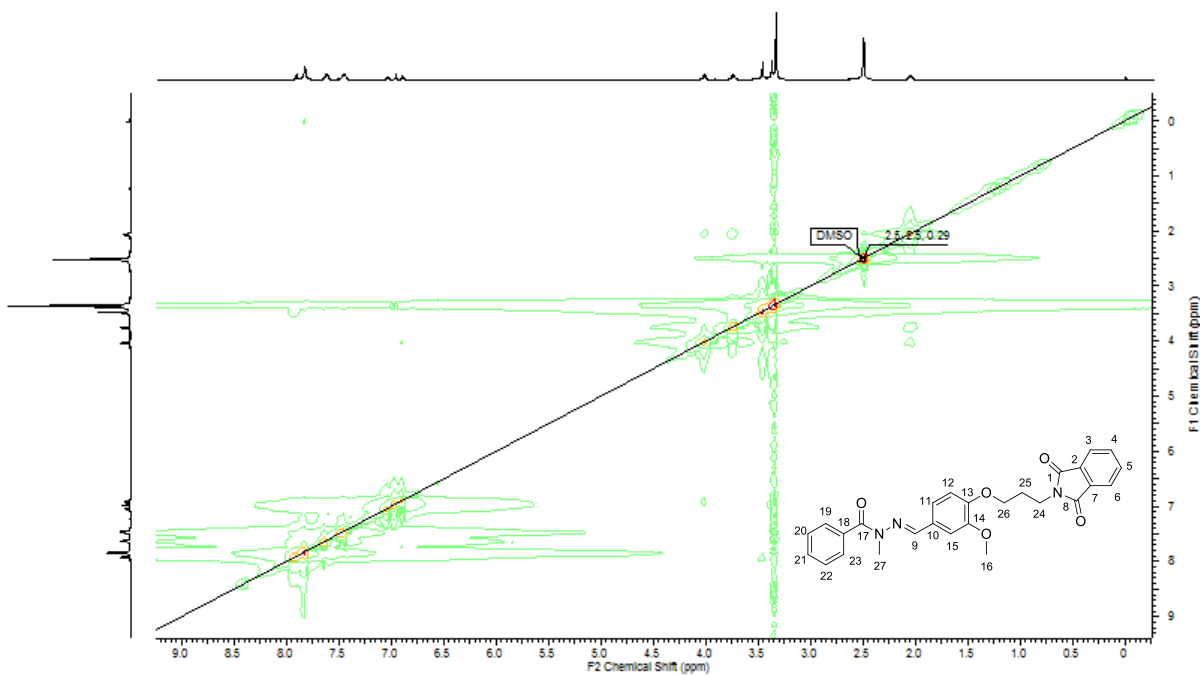
7.117) Espectro de RMN HMBC do produto 65a em DMSO à 500MHz e 125MHz.



7.118) Espectro de RMN HMBC do produto 66a em DMSO à 500MHz e 125MHz.



7.119) Espectro de RMN NOESY do produto 65a em DMSO` à 500MHz.



7.120) Espectro de RMN NOESY do produto 66a em DMSO à 500MHz.

