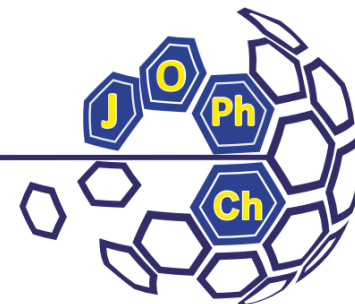


Supporting Information

<https://doi.org/10.24959/ophcj.26.357365>

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Preparation of Partially Saturated Furo[3,2-*c*]- and Furo[2,3-*c*]annulated *N*-Heterocycles

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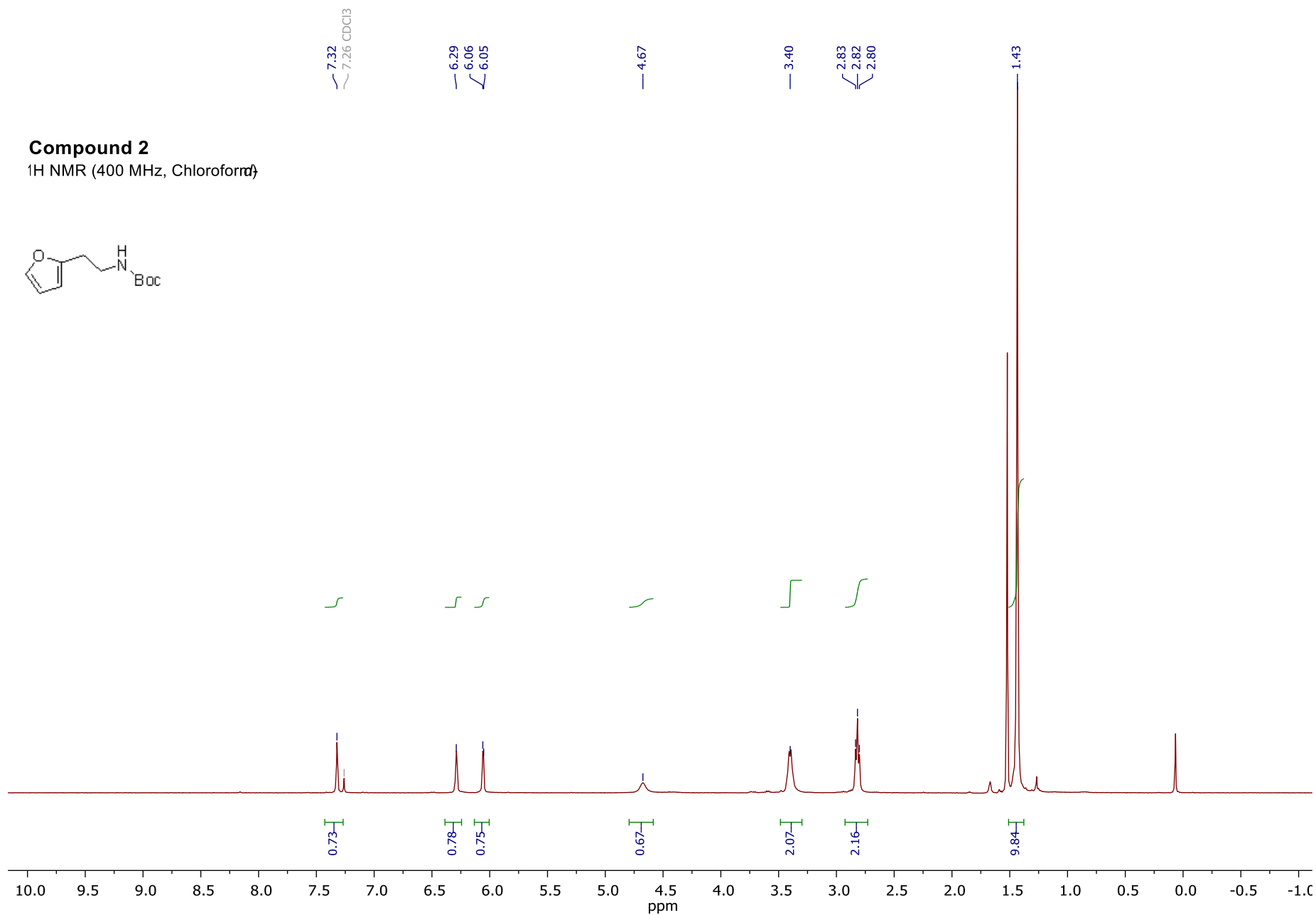
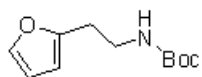
²*Enamine Ltd., 78 Winston Churchill str., 02094 Kyiv, Ukraine*

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Copies of ^1H and ^{13}C NMR spectra of the synthesized compounds

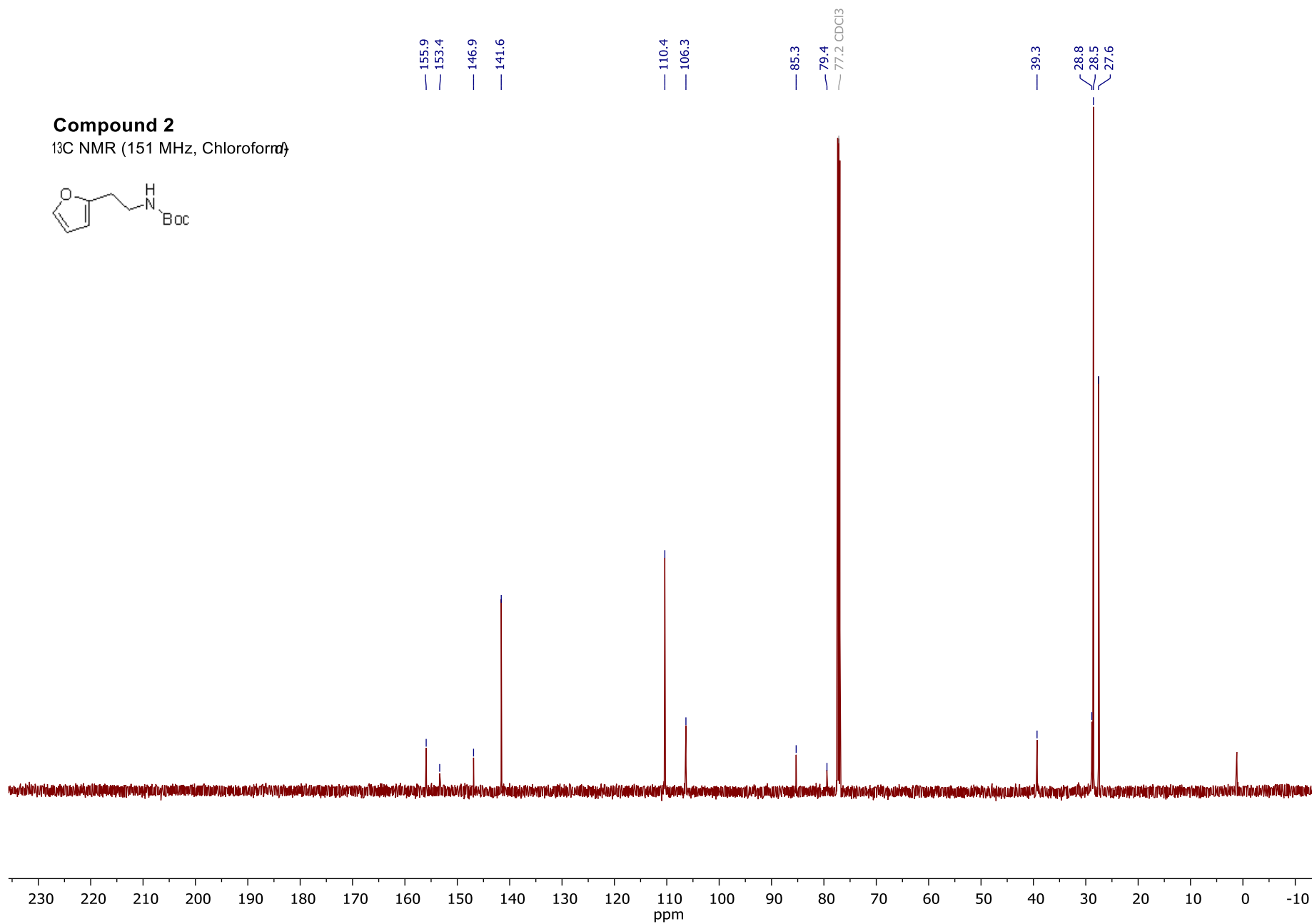
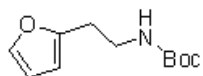
Compound 2

¹H NMR (400 MHz, Chloroform-d)



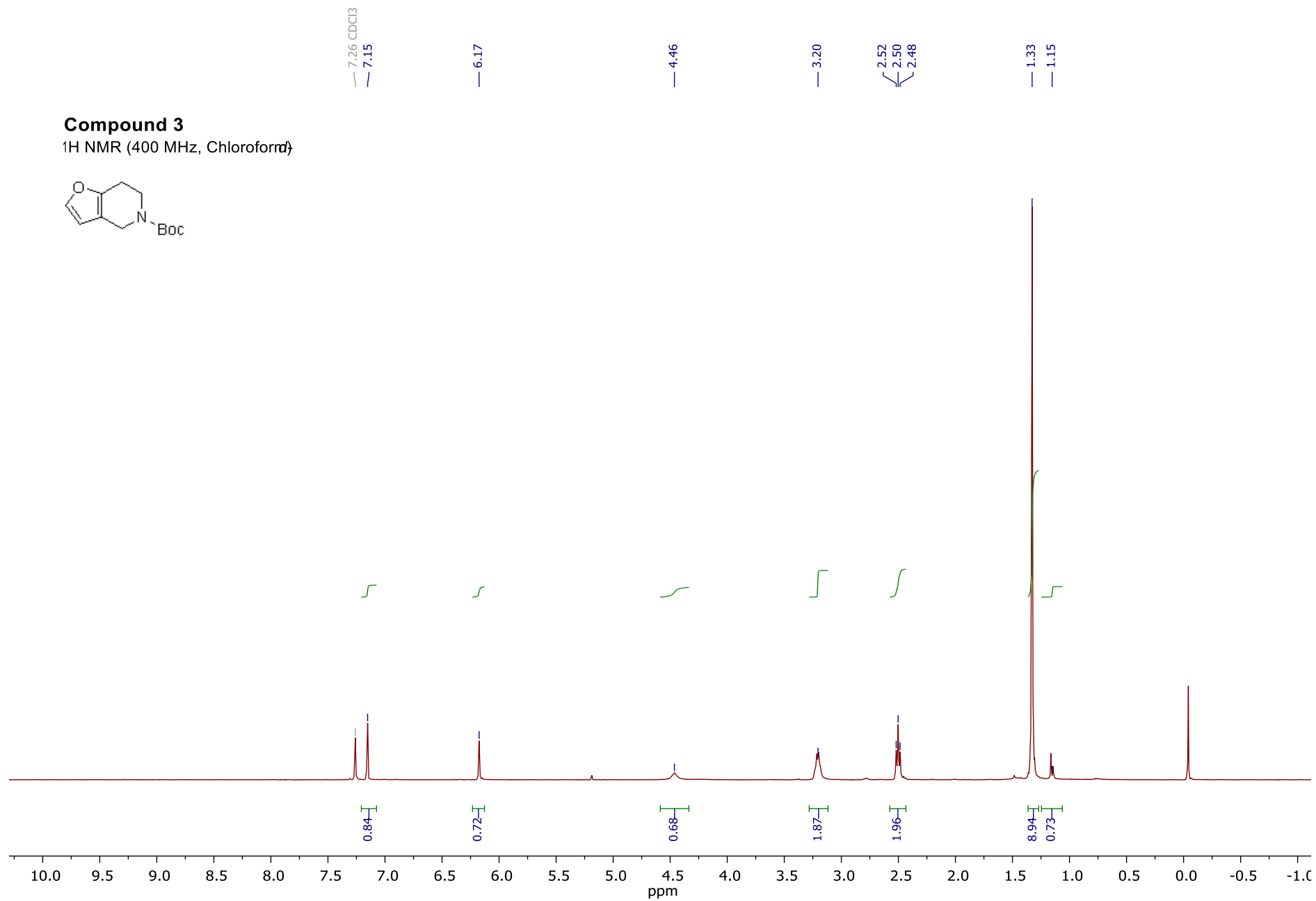
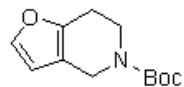
Compound 2

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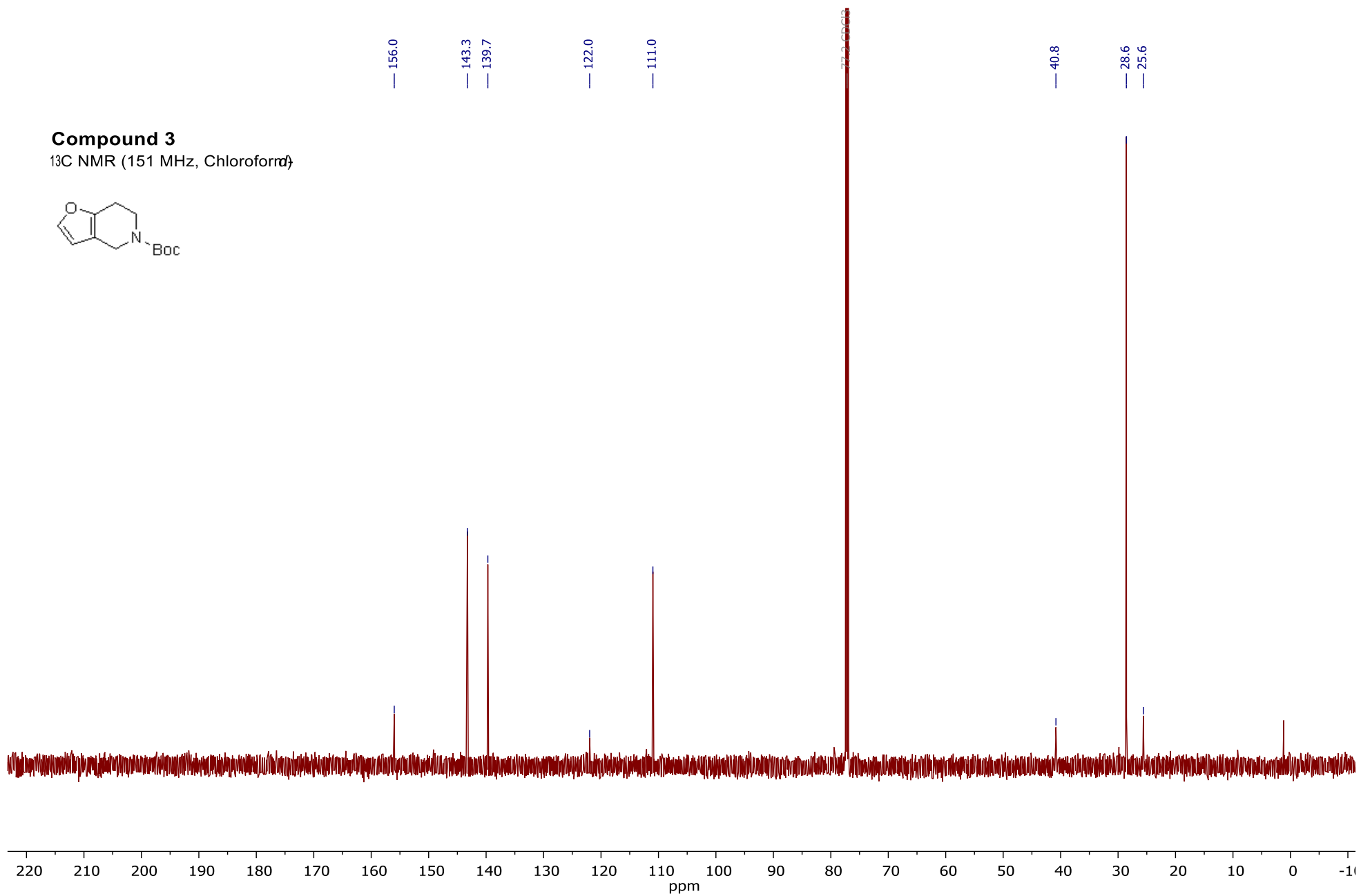
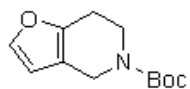
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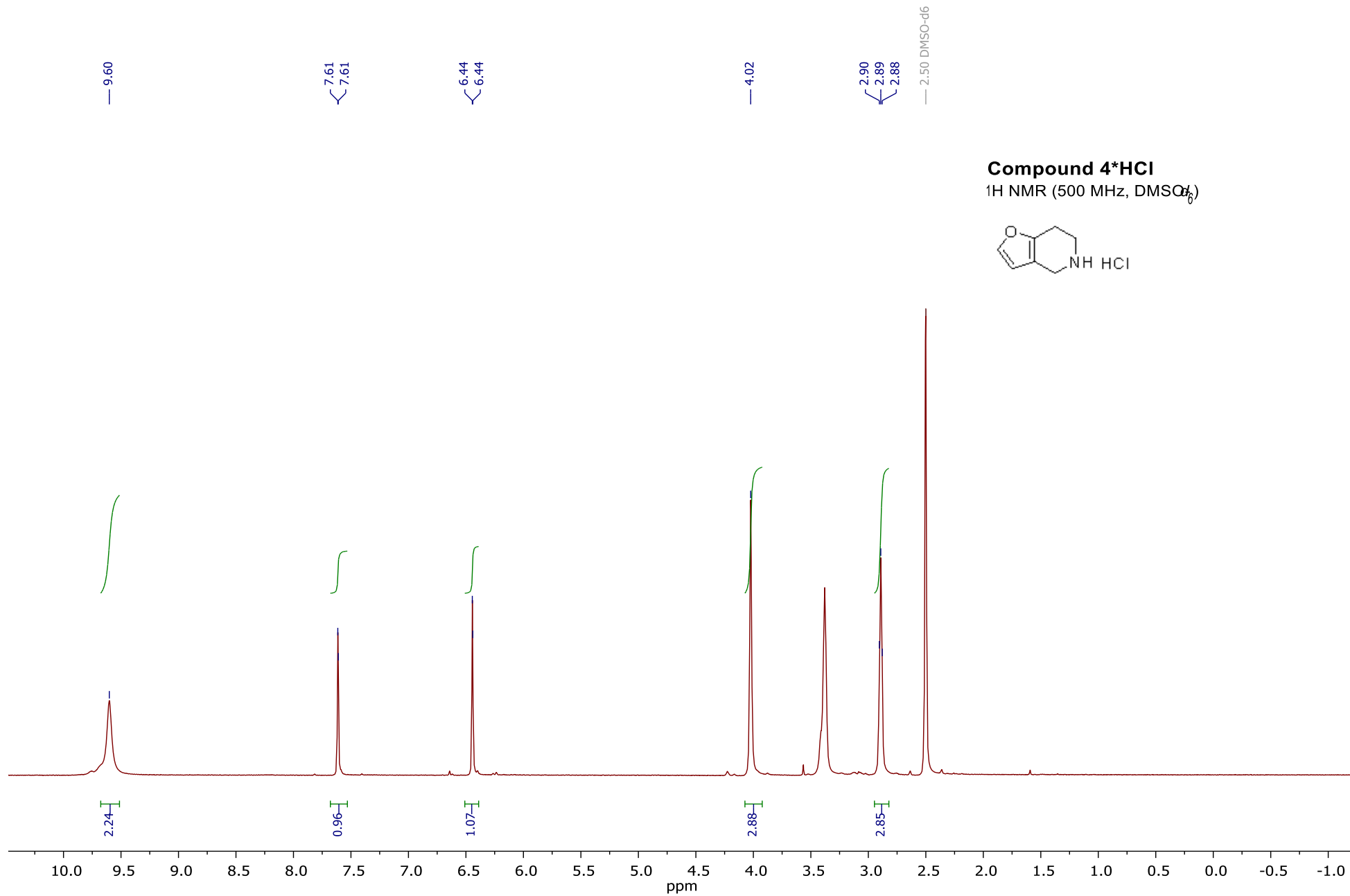
¹H NMR (400 MHz, Chloroform-d)



Compound 3

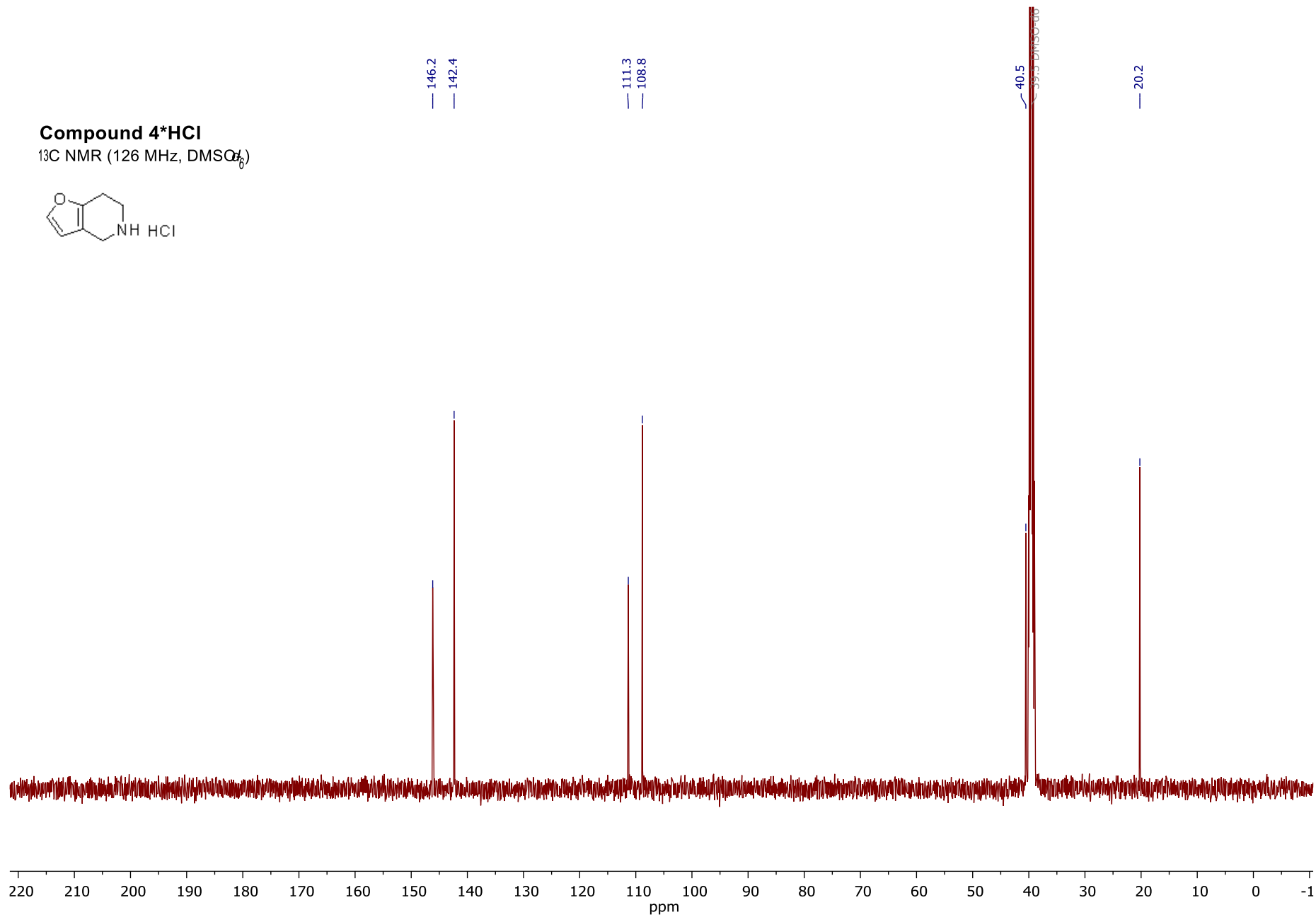
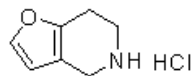
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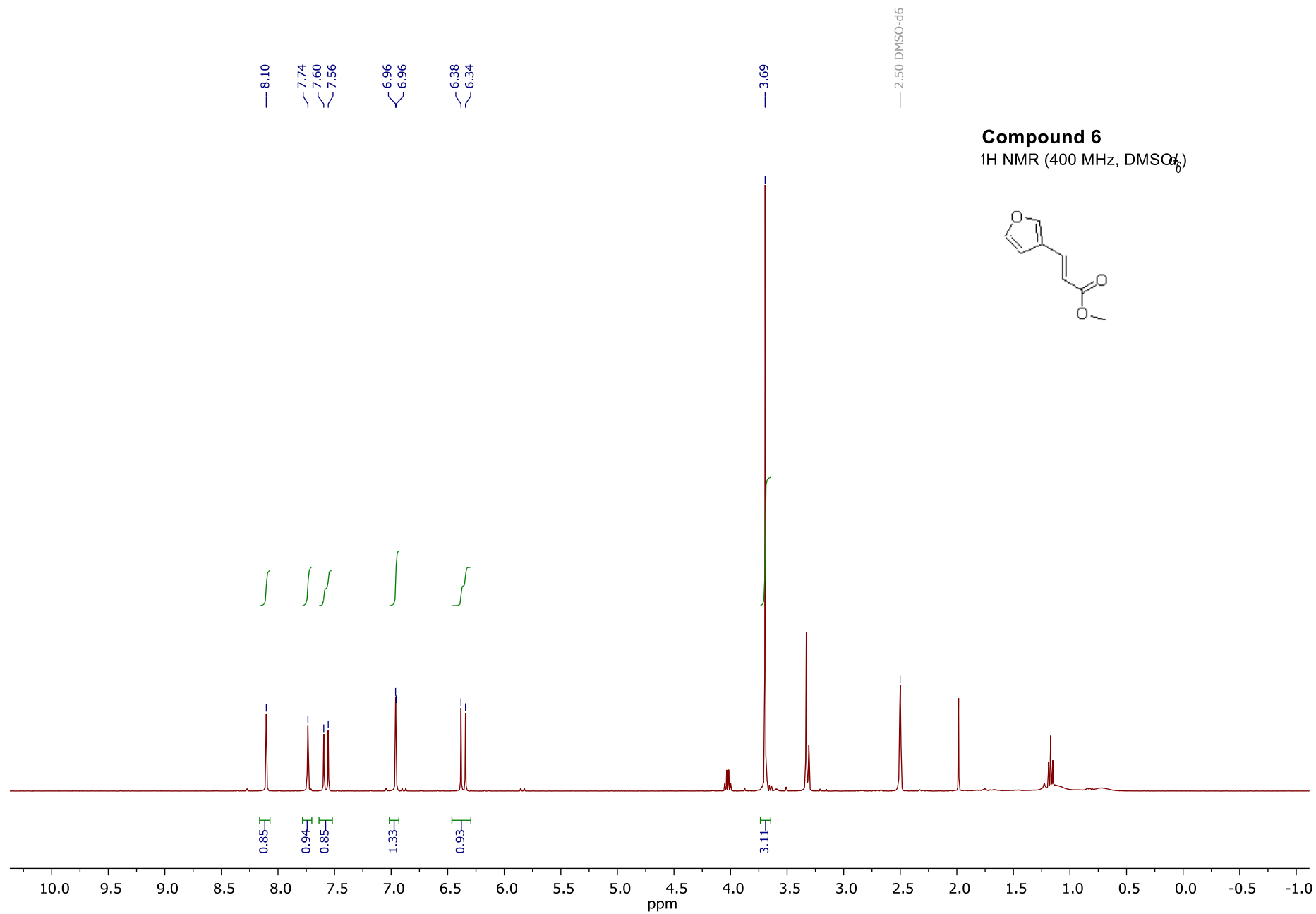




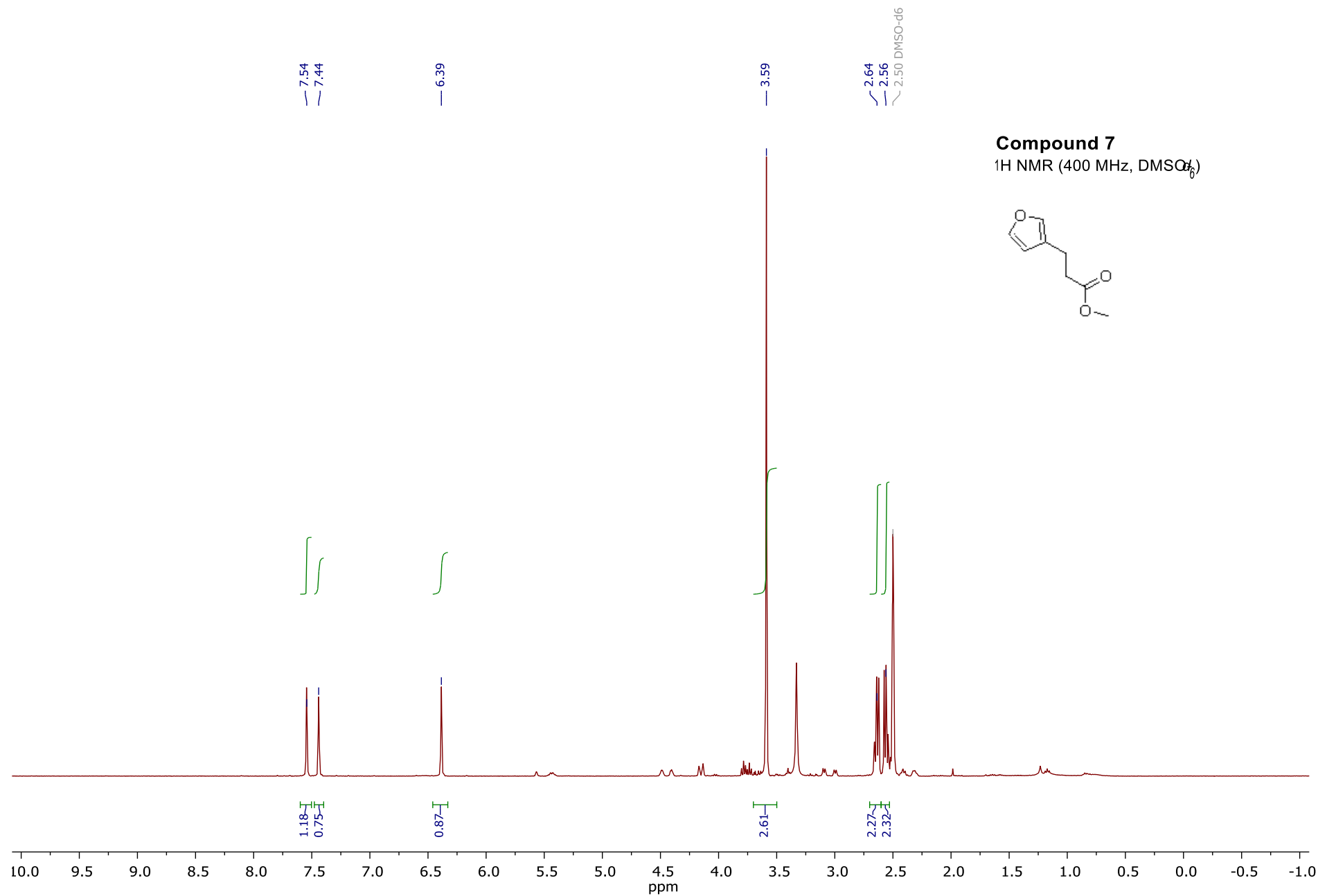
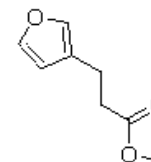
Compound 4*HCl

¹³C NMR (126 MHz, DMSO-d₆)



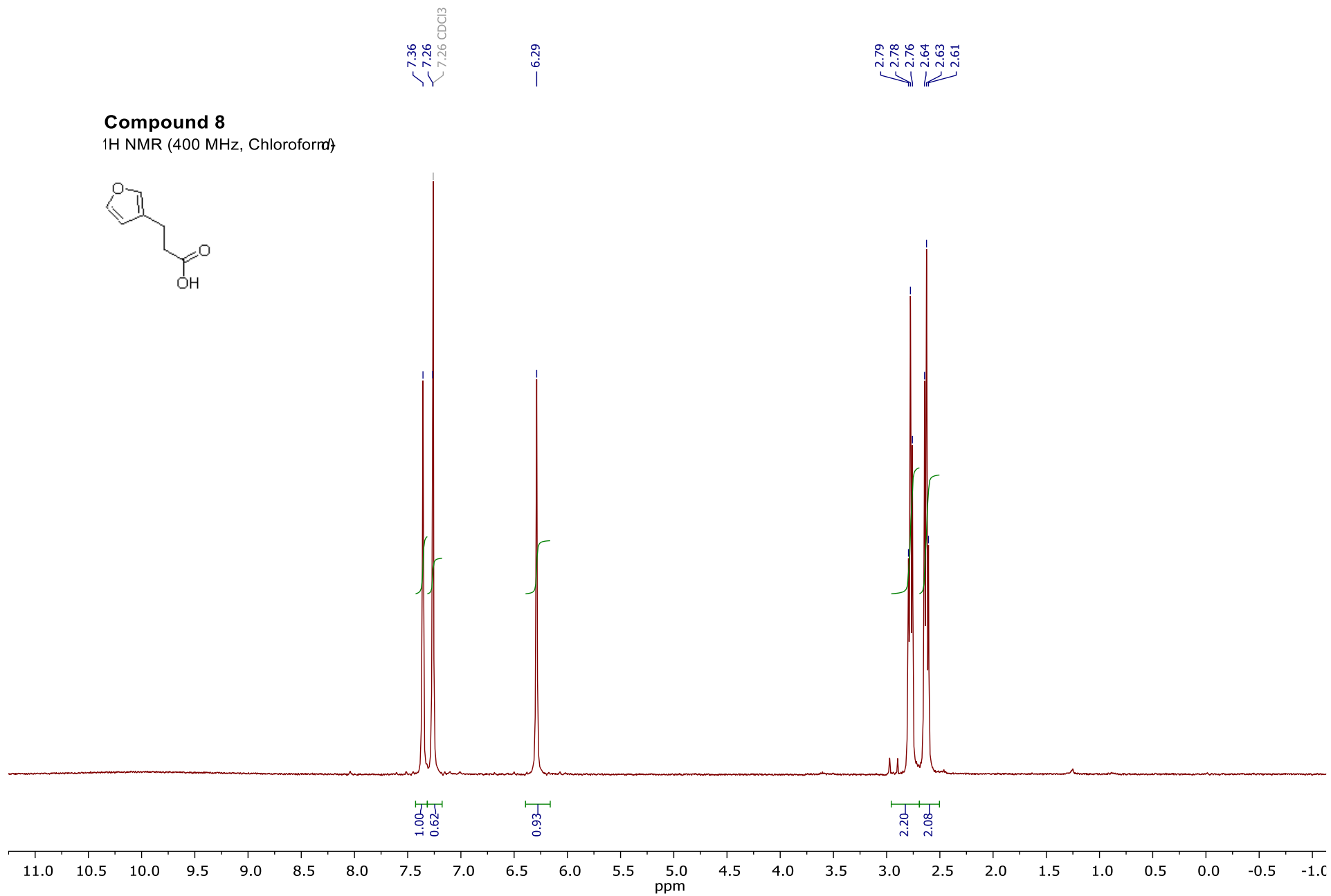
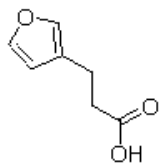


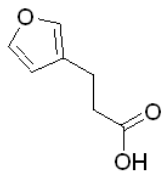
Compound 7
1H NMR (400 MHz, DMSO-d₆)



Compound 8

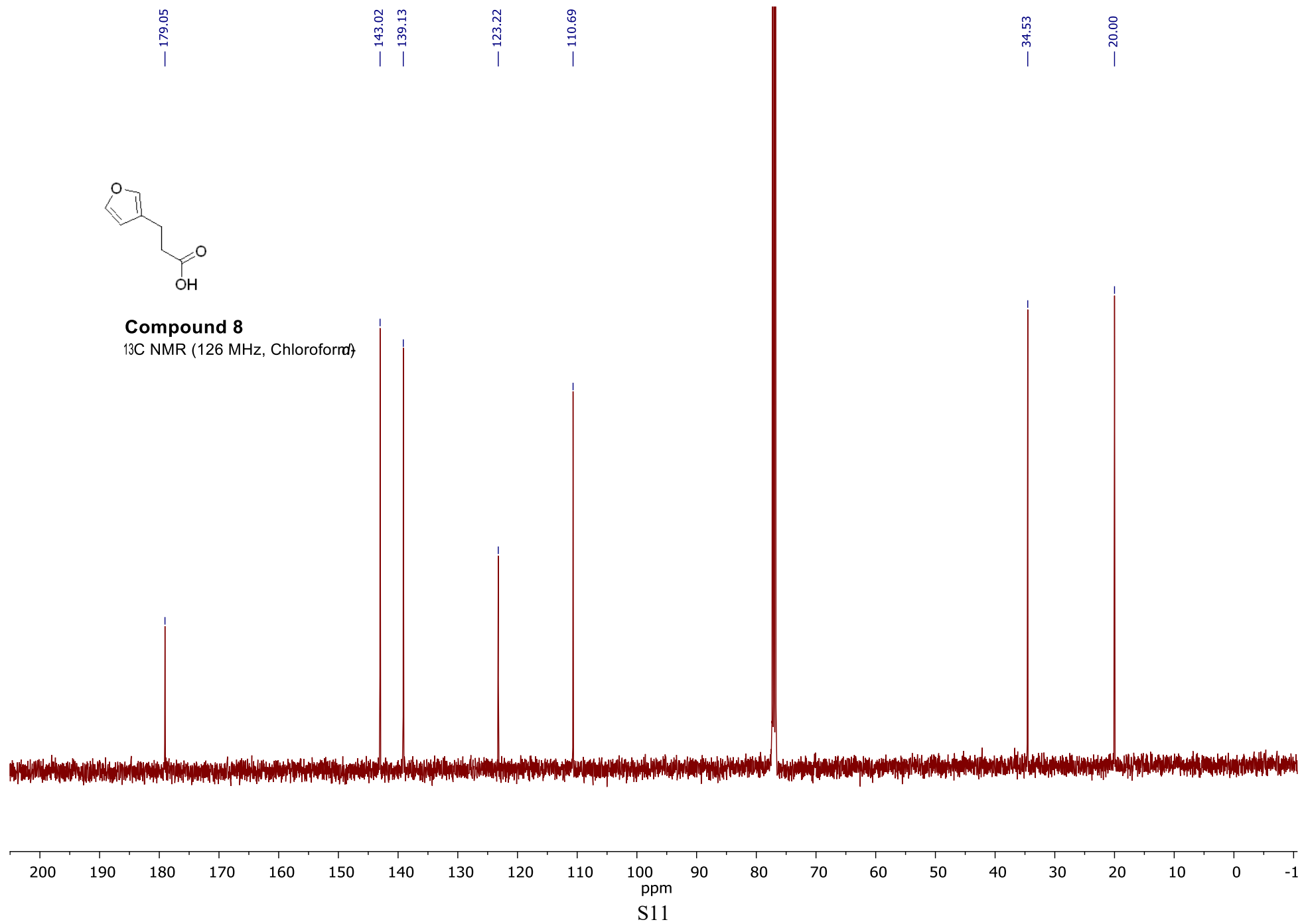
¹H NMR (400 MHz, Chloroform-d)

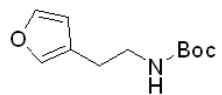




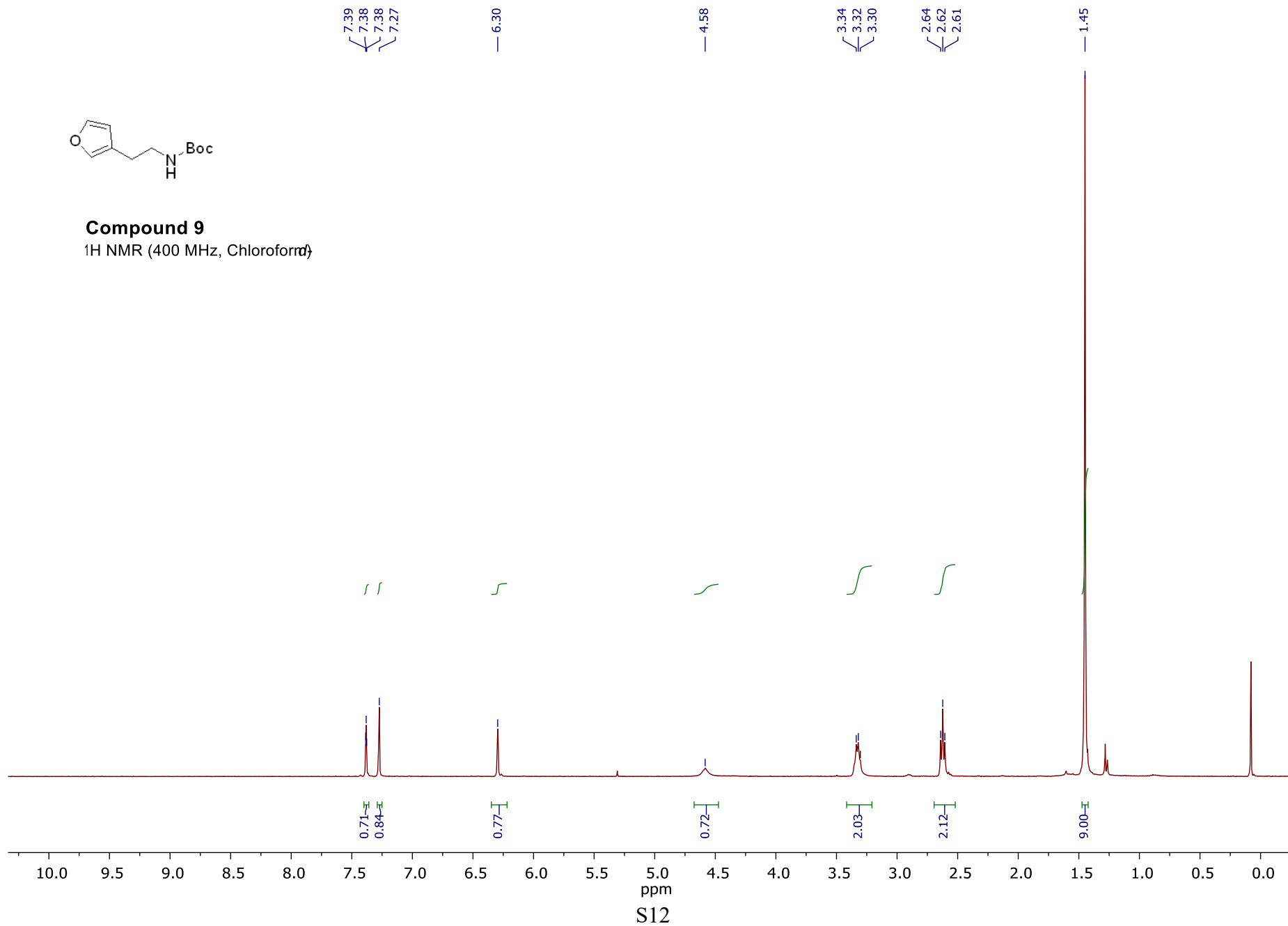
Compound 8

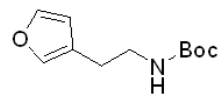
¹³C NMR (126 MHz, Chloroform-d)





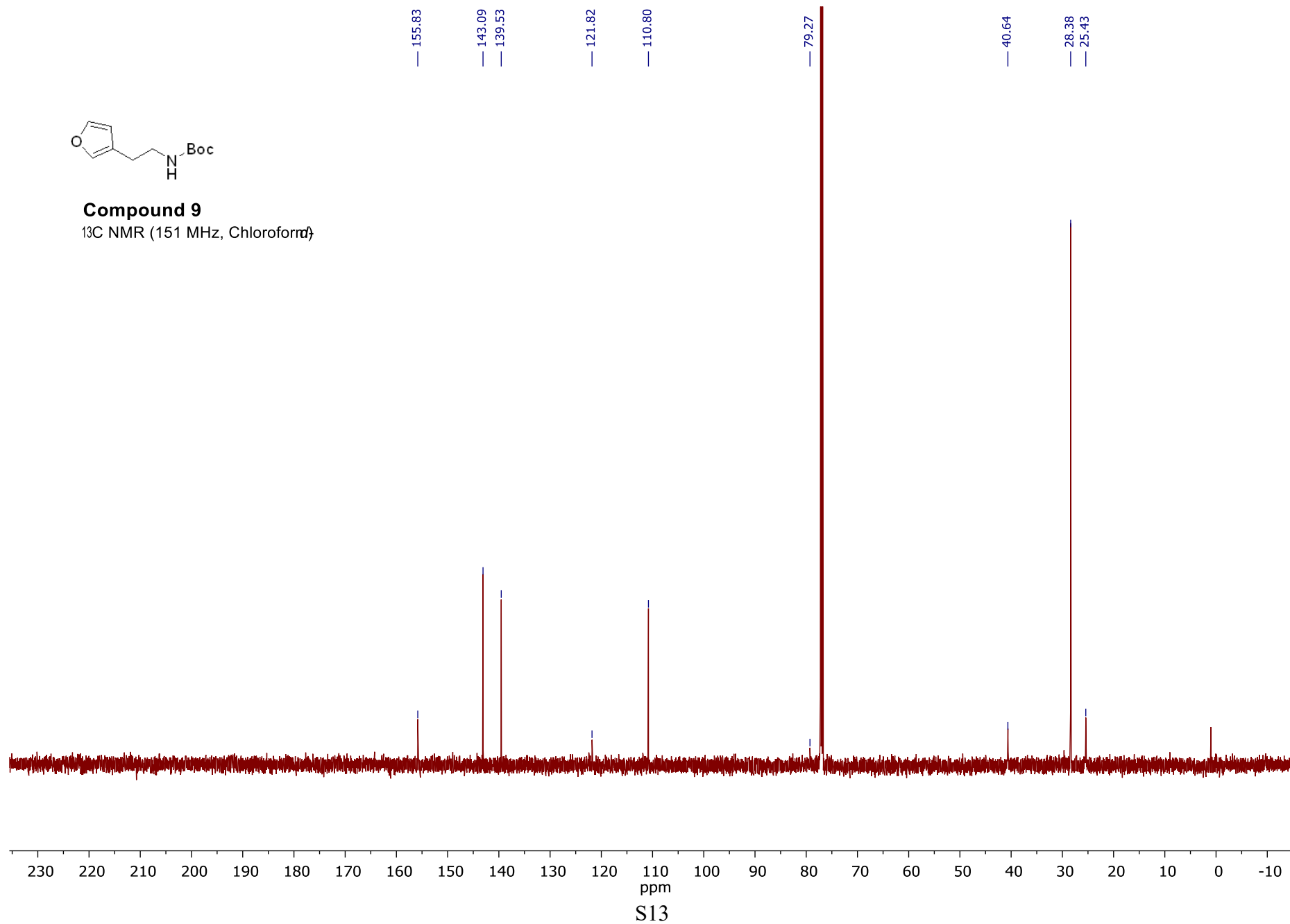
Compound 9
1H NMR (400 MHz, Chloroform-d)



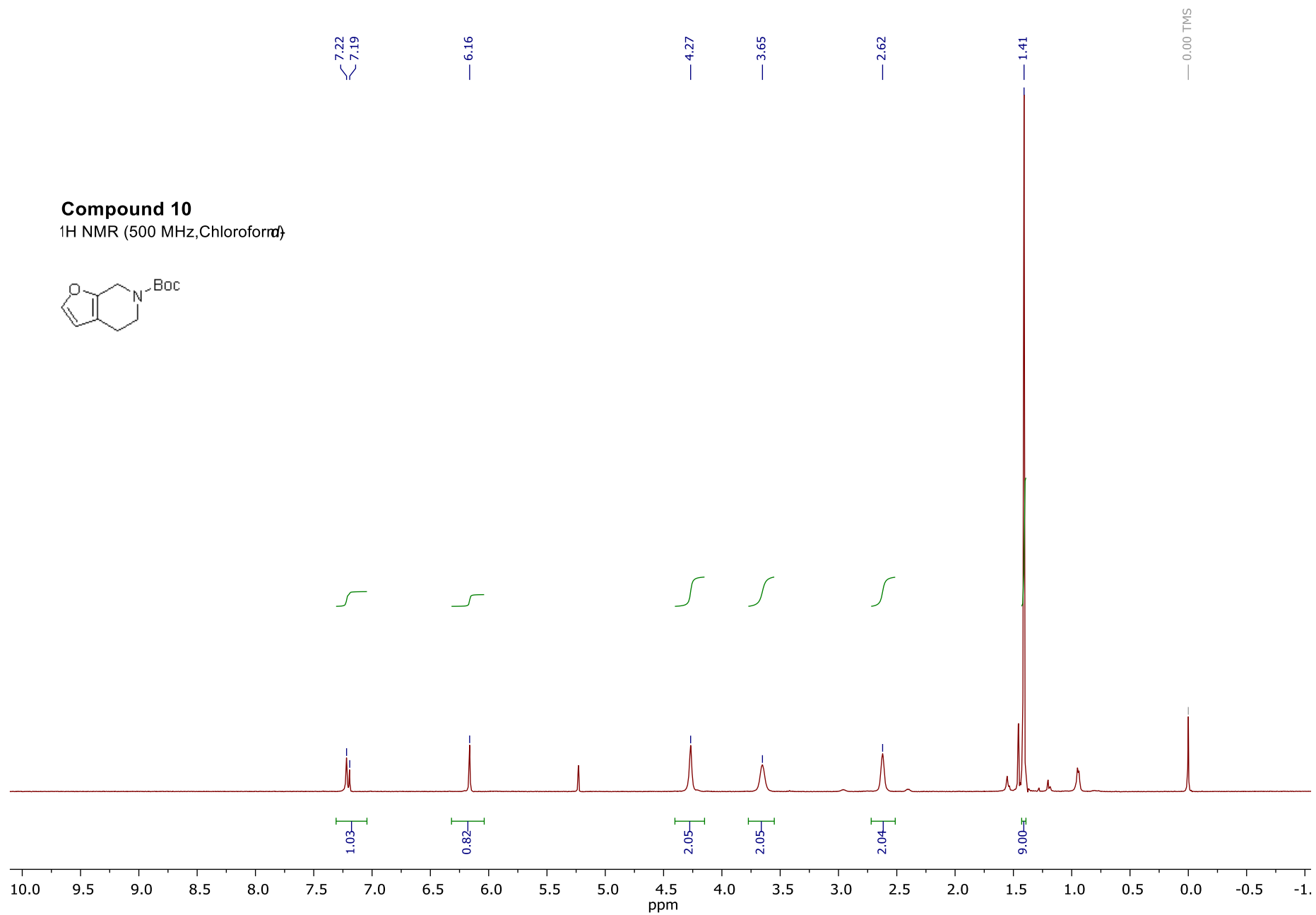
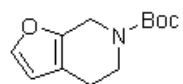


Compound 9

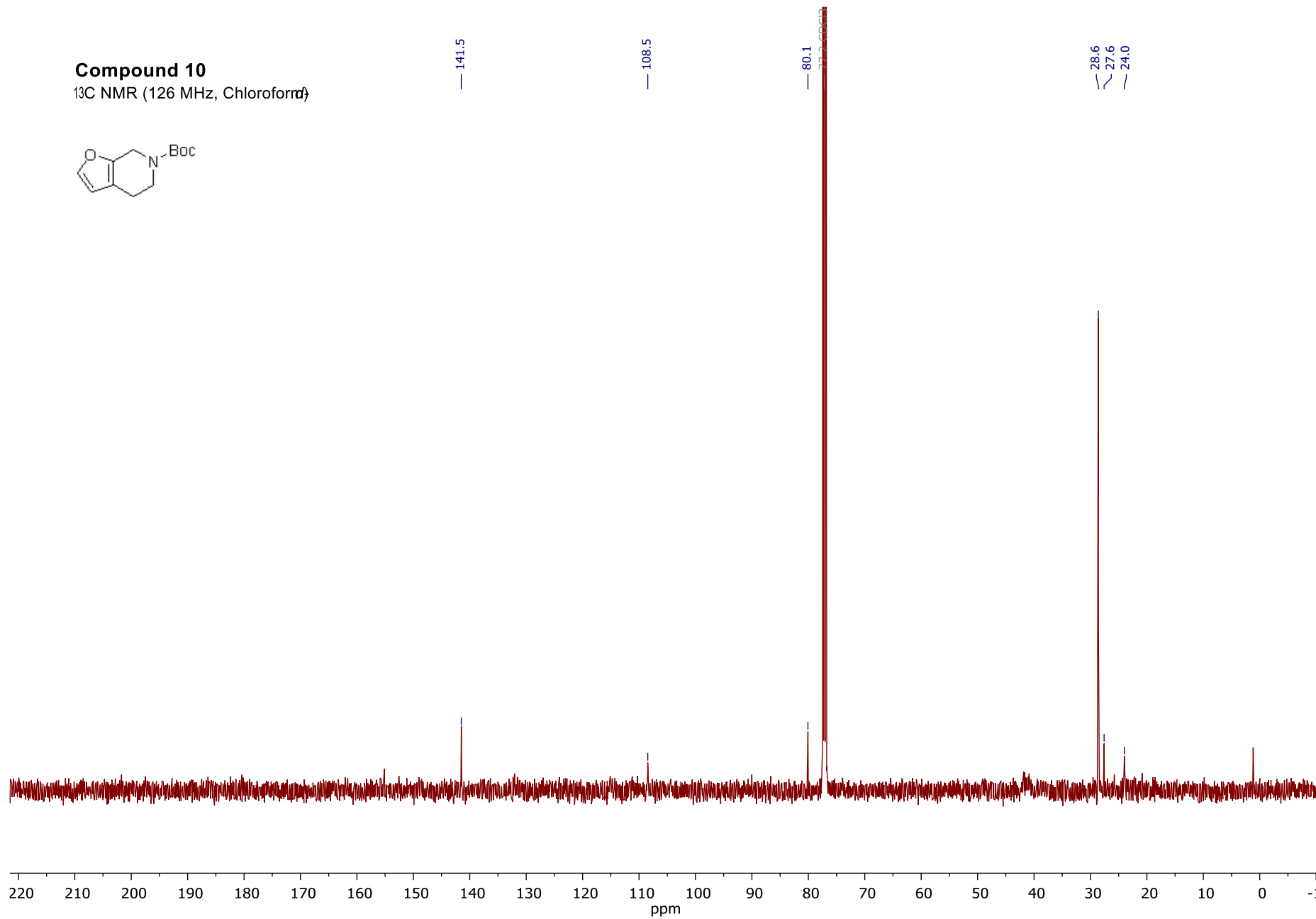
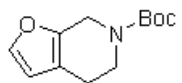
¹³C NMR (151 MHz, Chloroform-d)

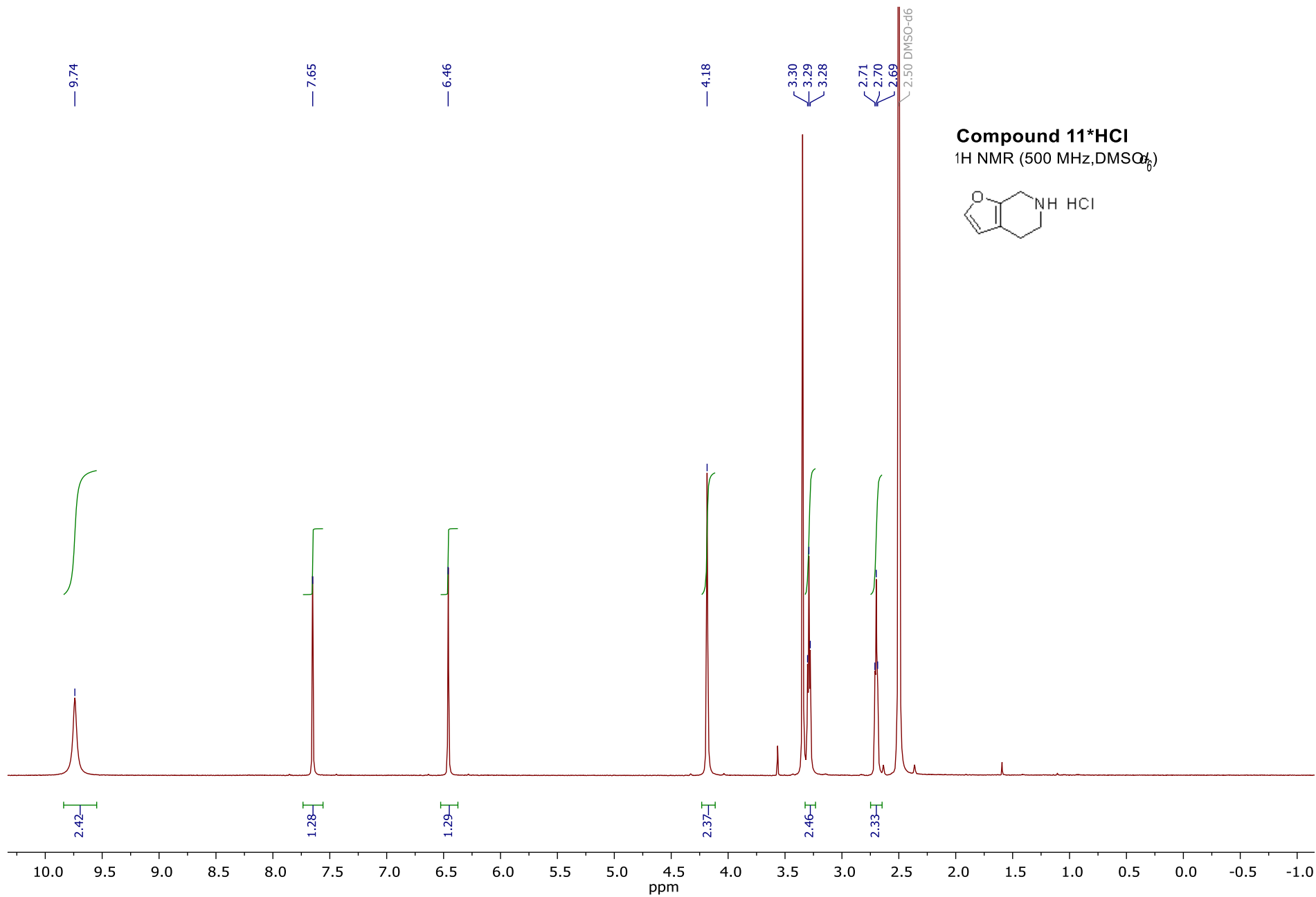


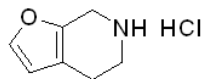
Compound 10
1H NMR (500 MHz, Chloroform-d)



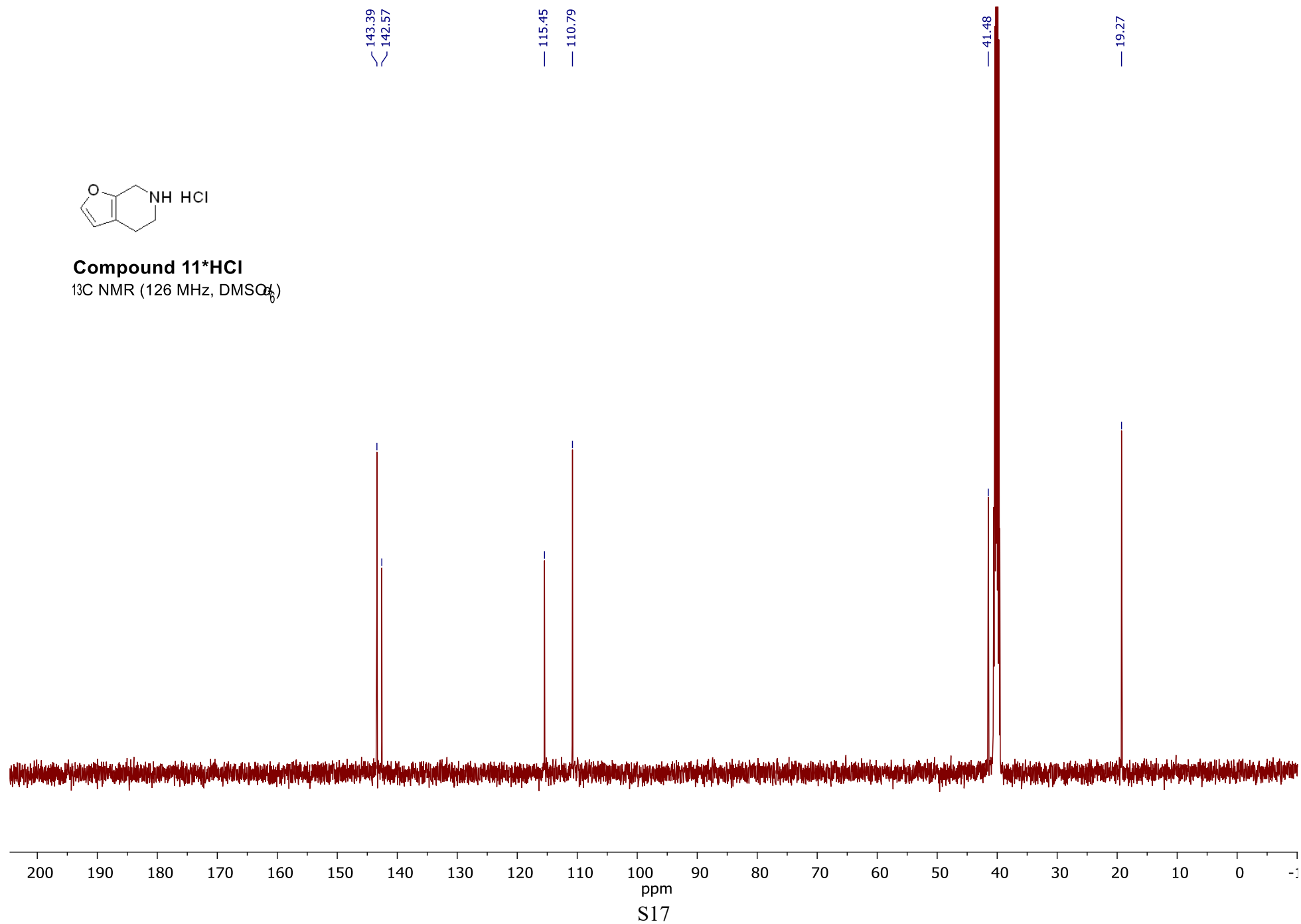
Compound 10
¹³C NMR (126 MHz, Chloroform-d)





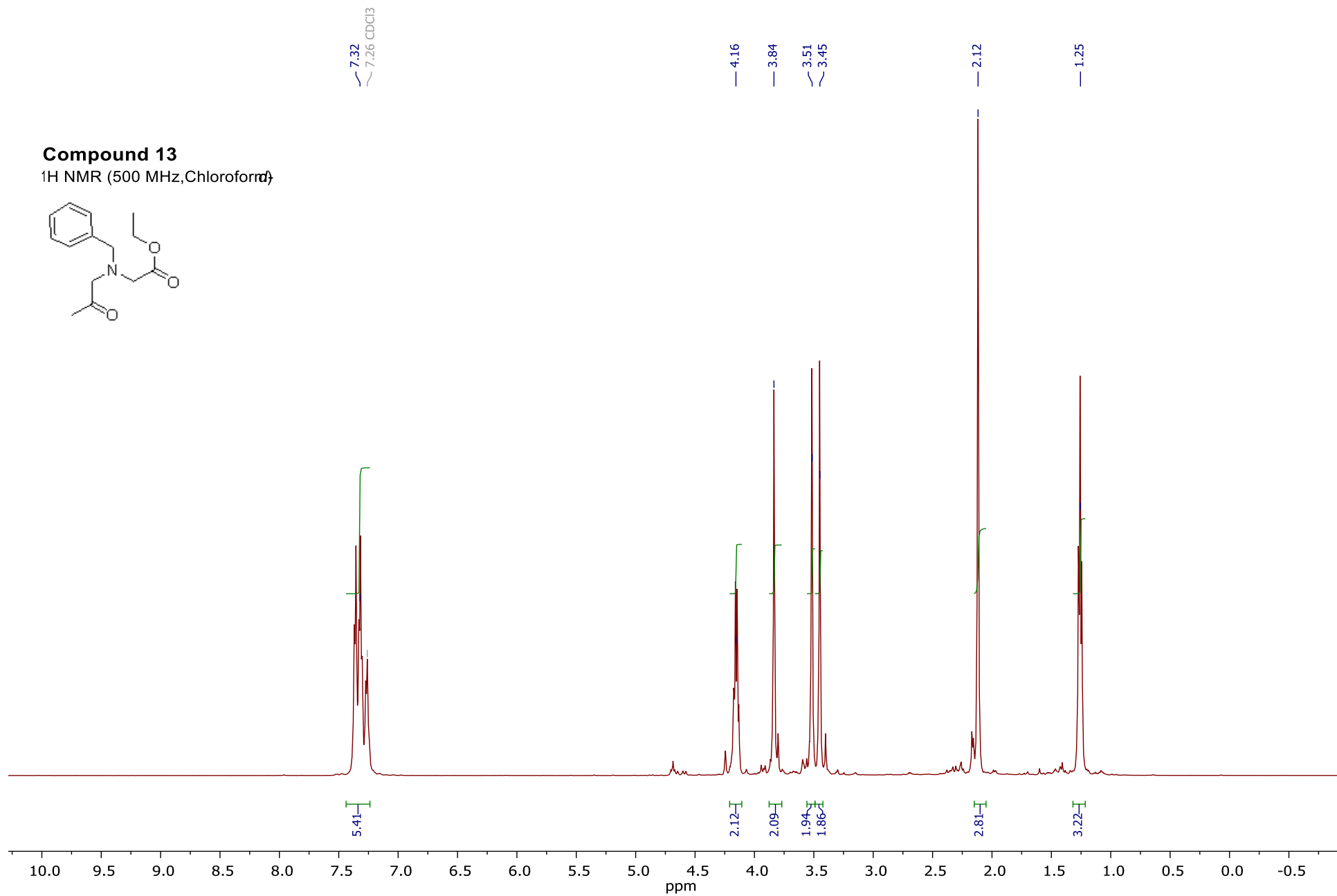
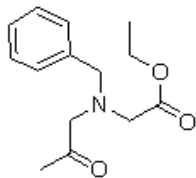


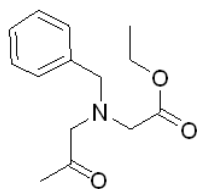
Compound 11*HCl
¹³C NMR (126 MHz, DMSO-d₆)



Compound 13

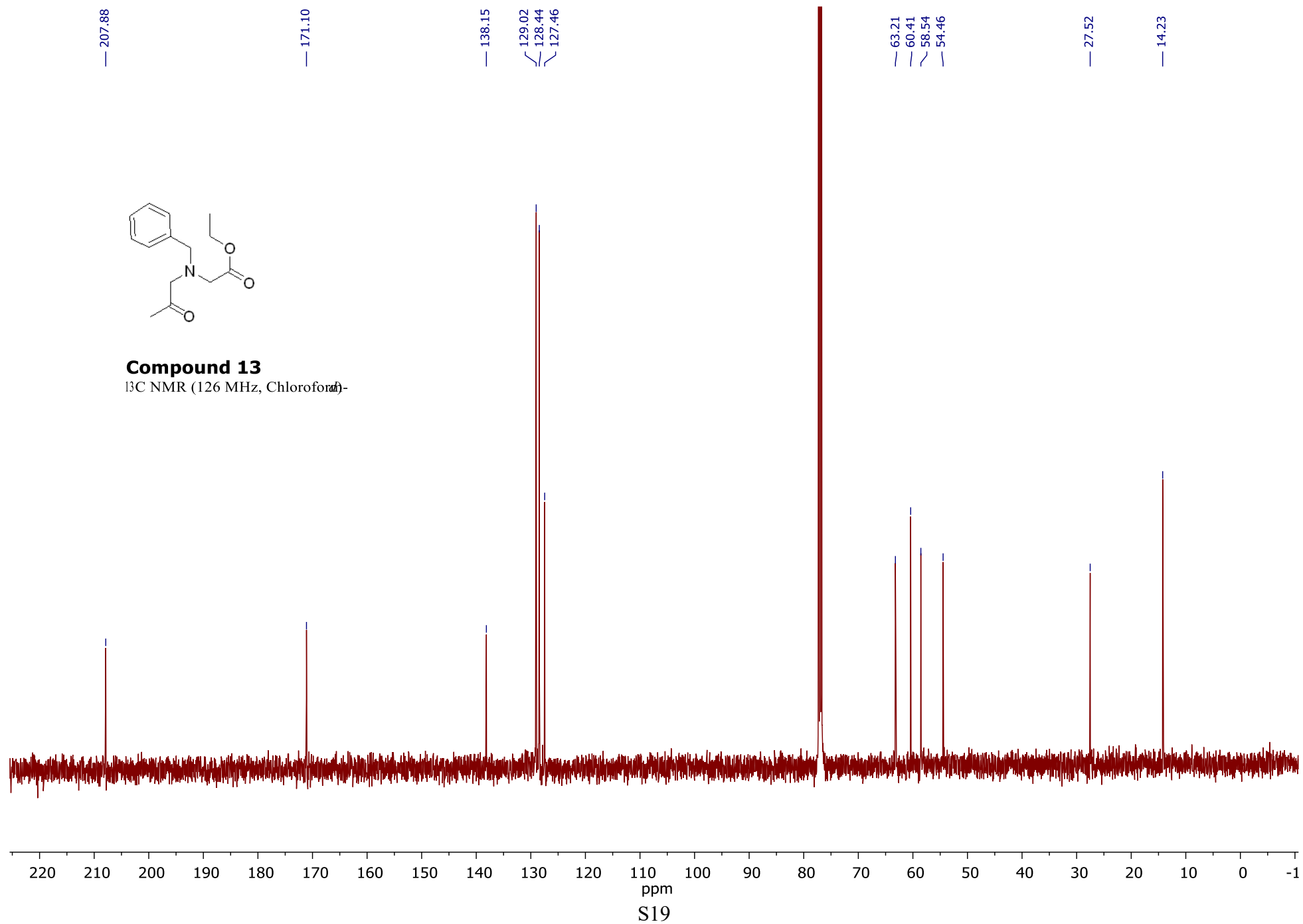
¹H NMR (500 MHz, Chloroform-d)

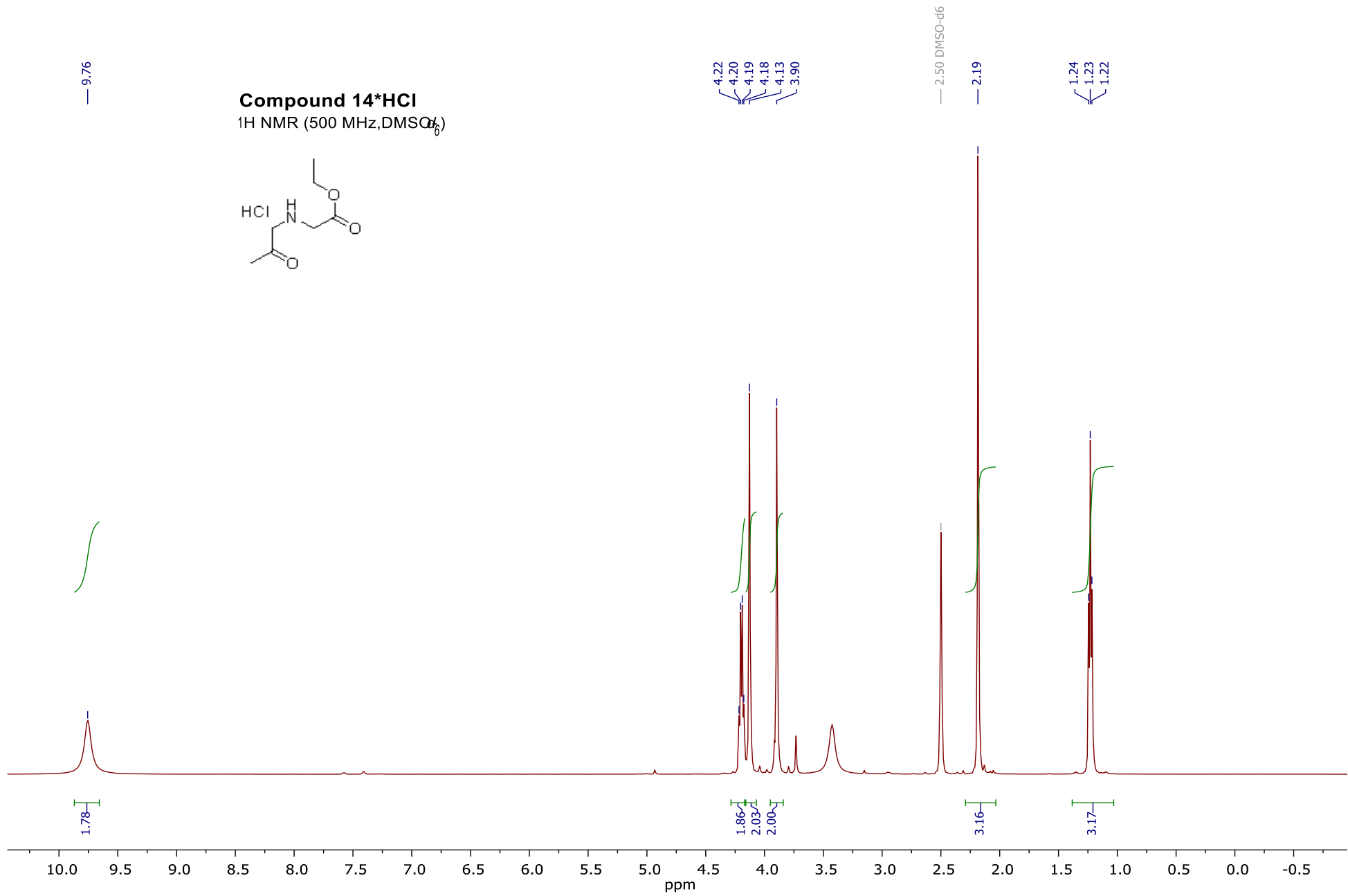




Compound 13

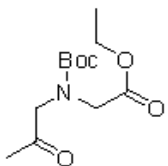
^{13}C NMR (126 MHz, Chloroform- d_3)



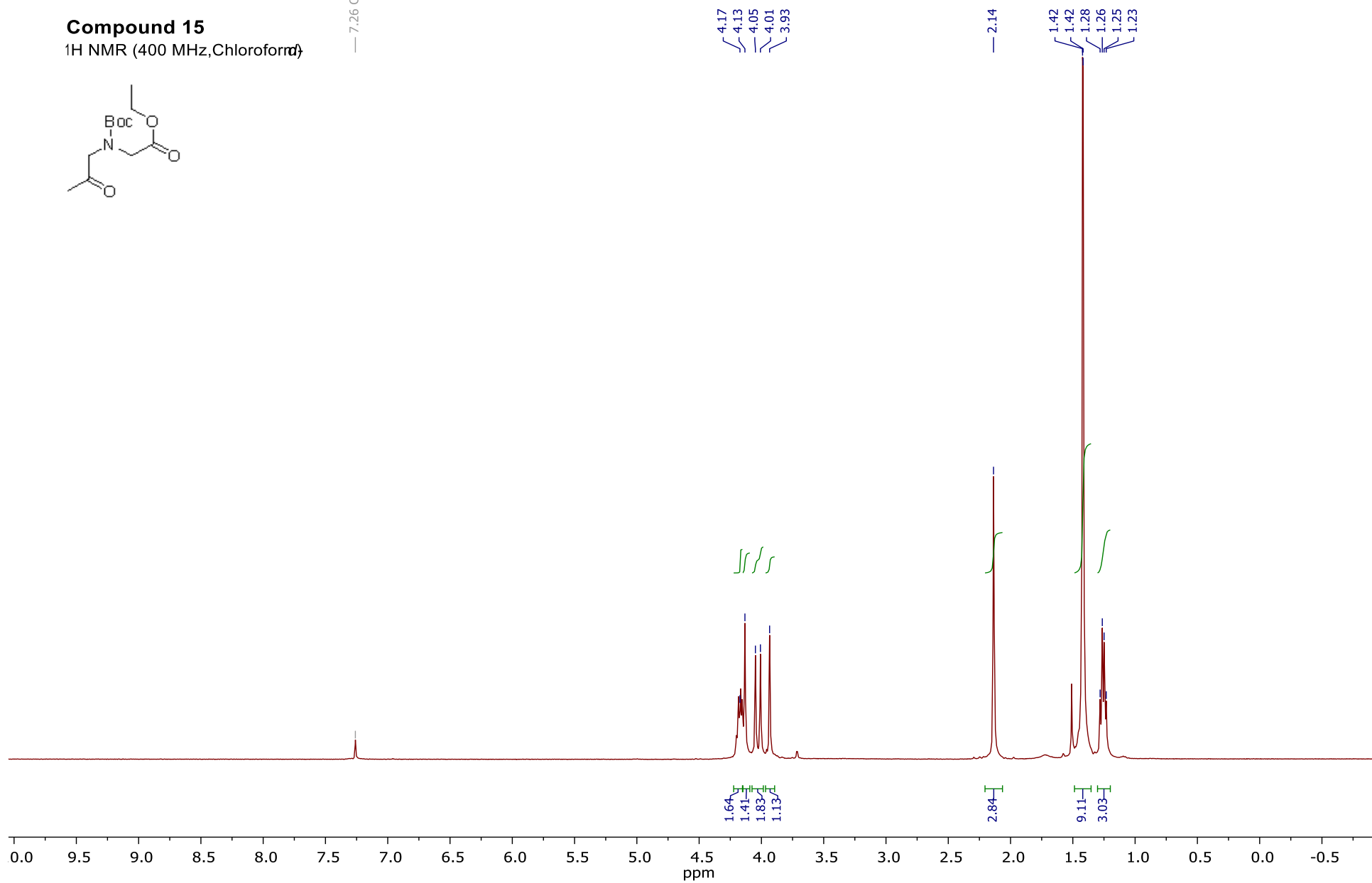


Compound 15

¹H NMR (400 MHz, Chloroform-d)

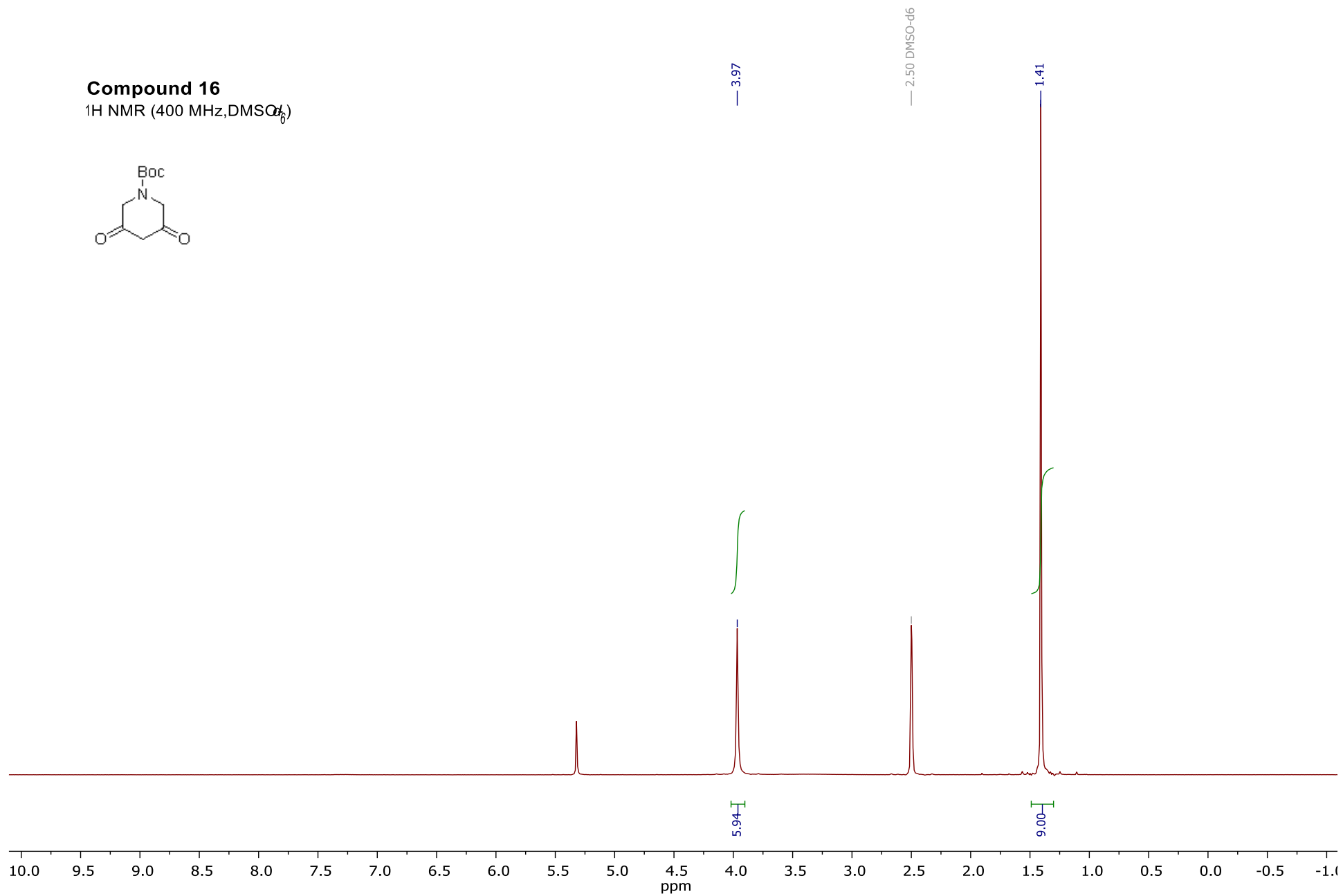
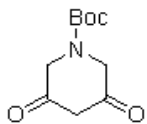


— 7.26 CDCl₃



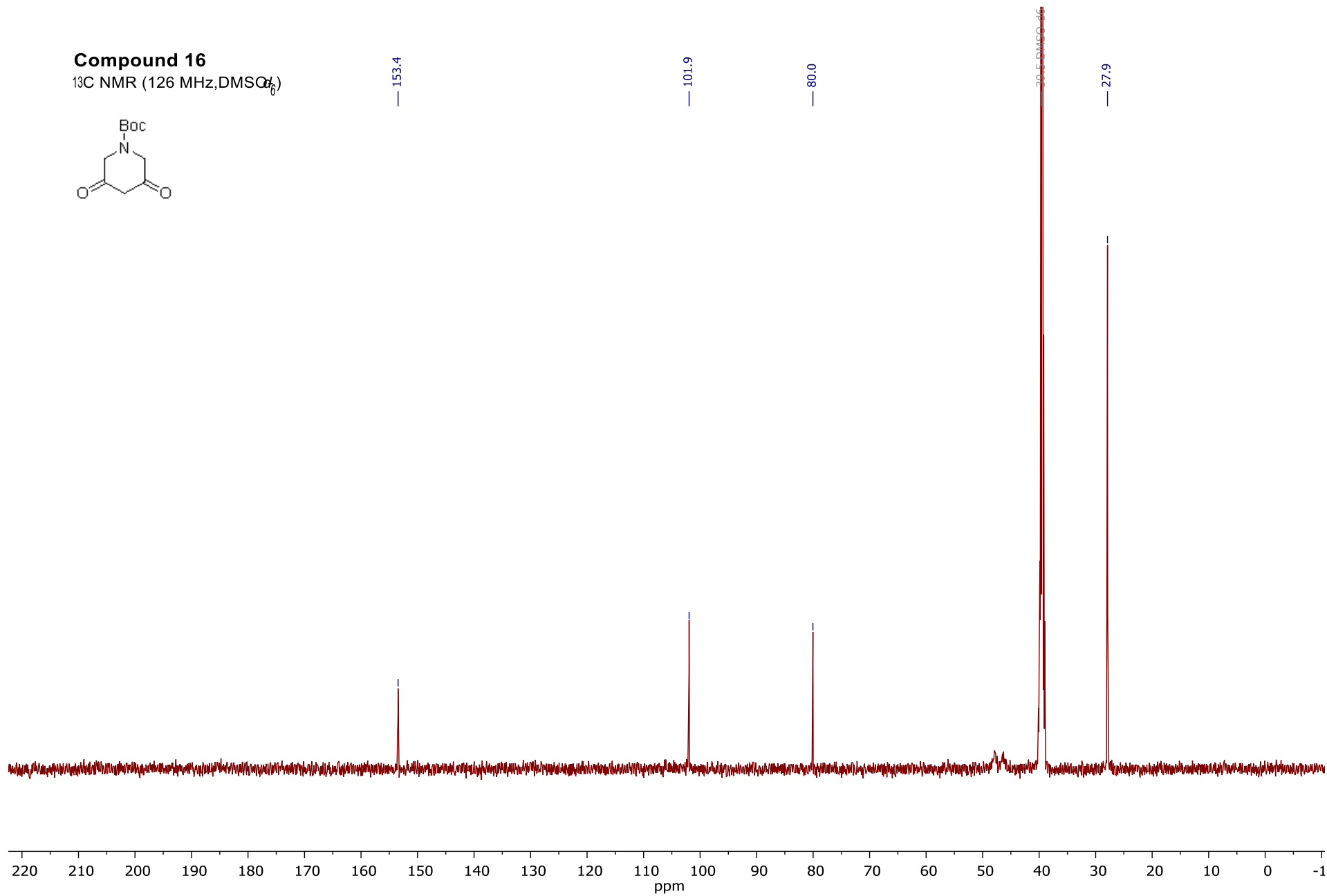
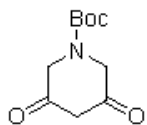
Compound 16

¹H NMR (400 MHz, DMSO-d₆)

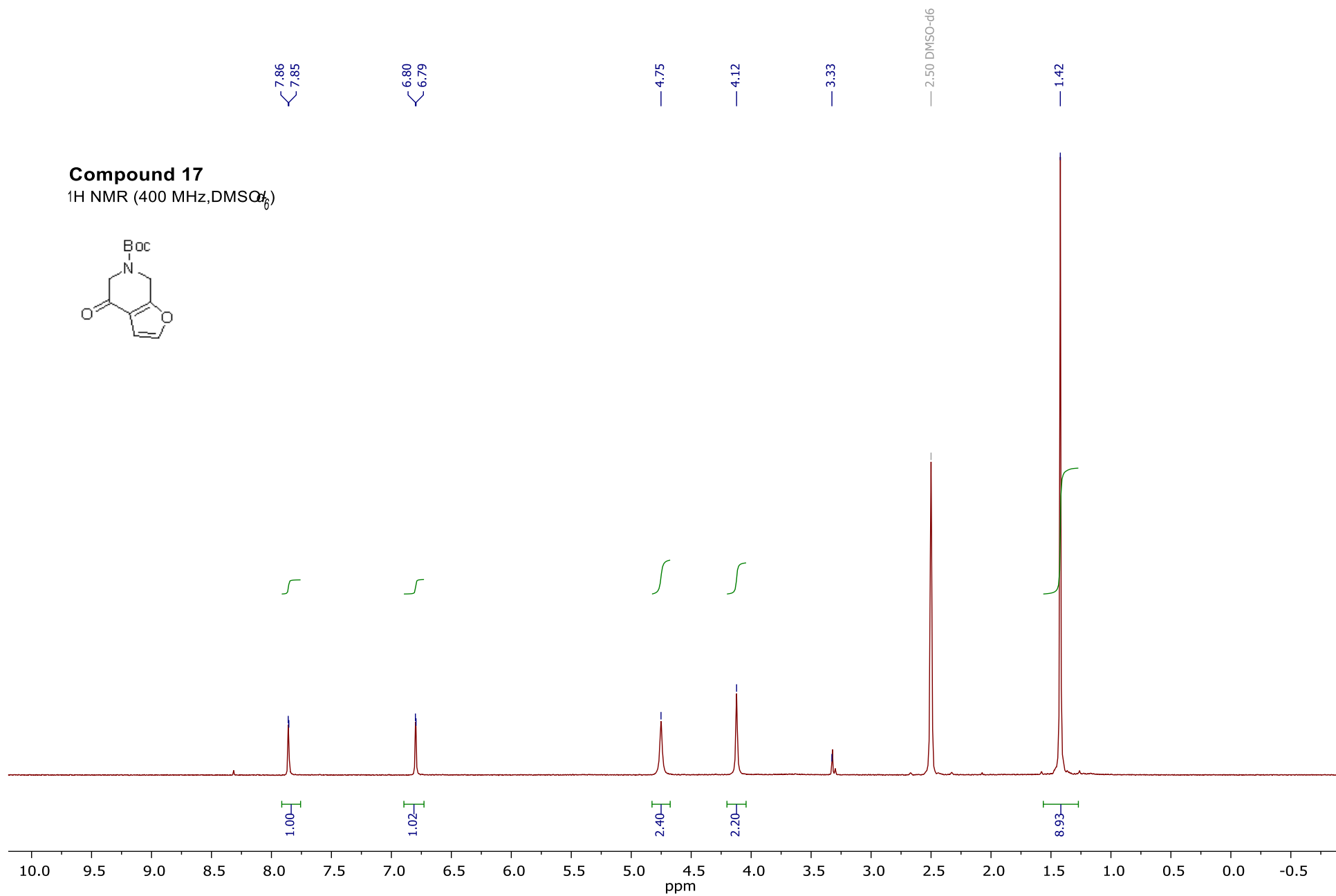
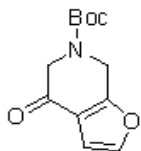


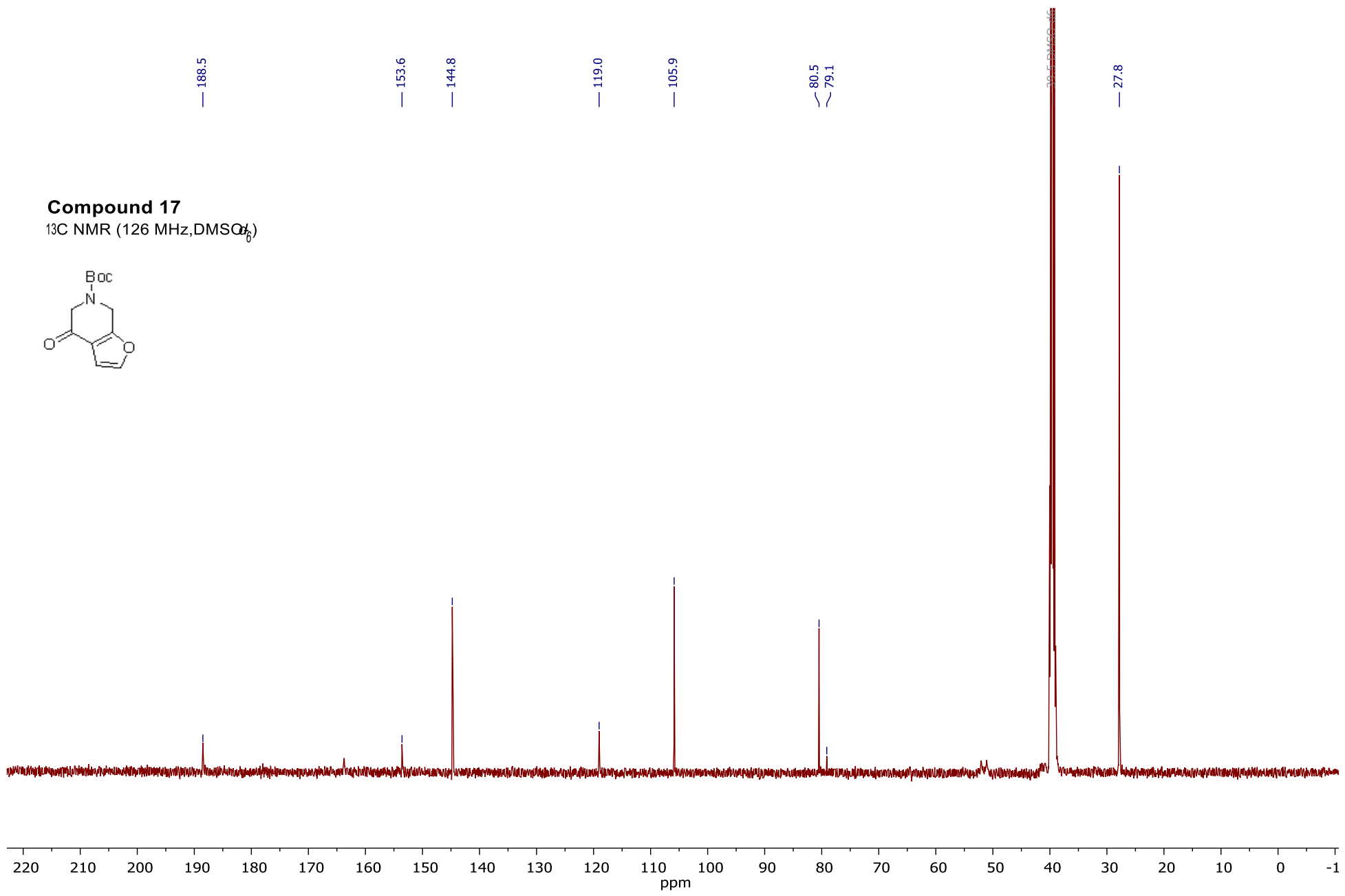
Compound 16

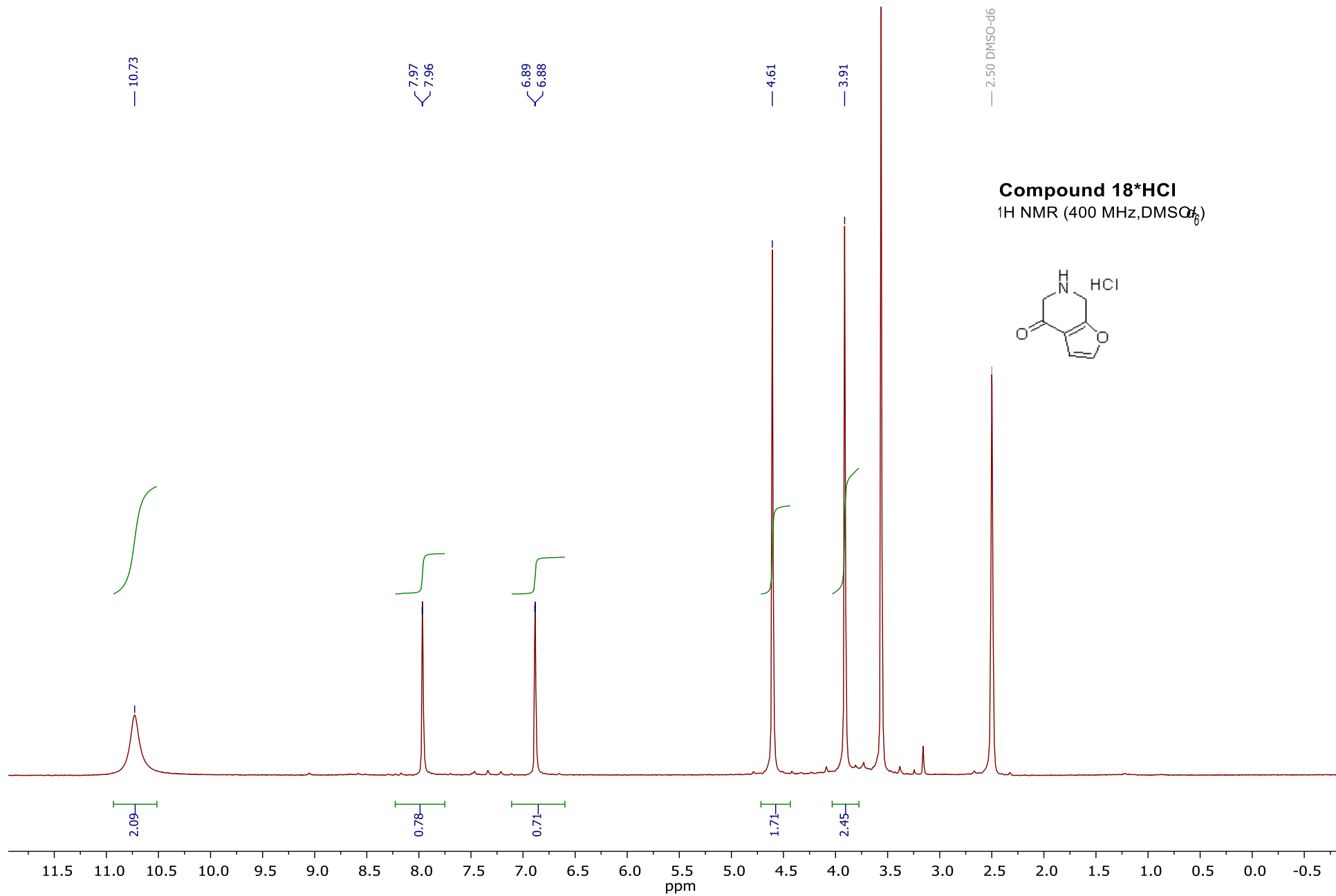
¹³C NMR (126 MHz, DMSO-d₆)



Compound 17
1H NMR (400 MHz, DMSO-d₆)







Compound 18*HCl
¹³C NMR (126 MHz, DMSO-d₆)

