

Supporting Information

Synthesis and antiviral evaluation of 3'-fluoro-5'-norcarbocyclic nucleoside phosphonates bearing uracil and cytosine as potential antiviral agents

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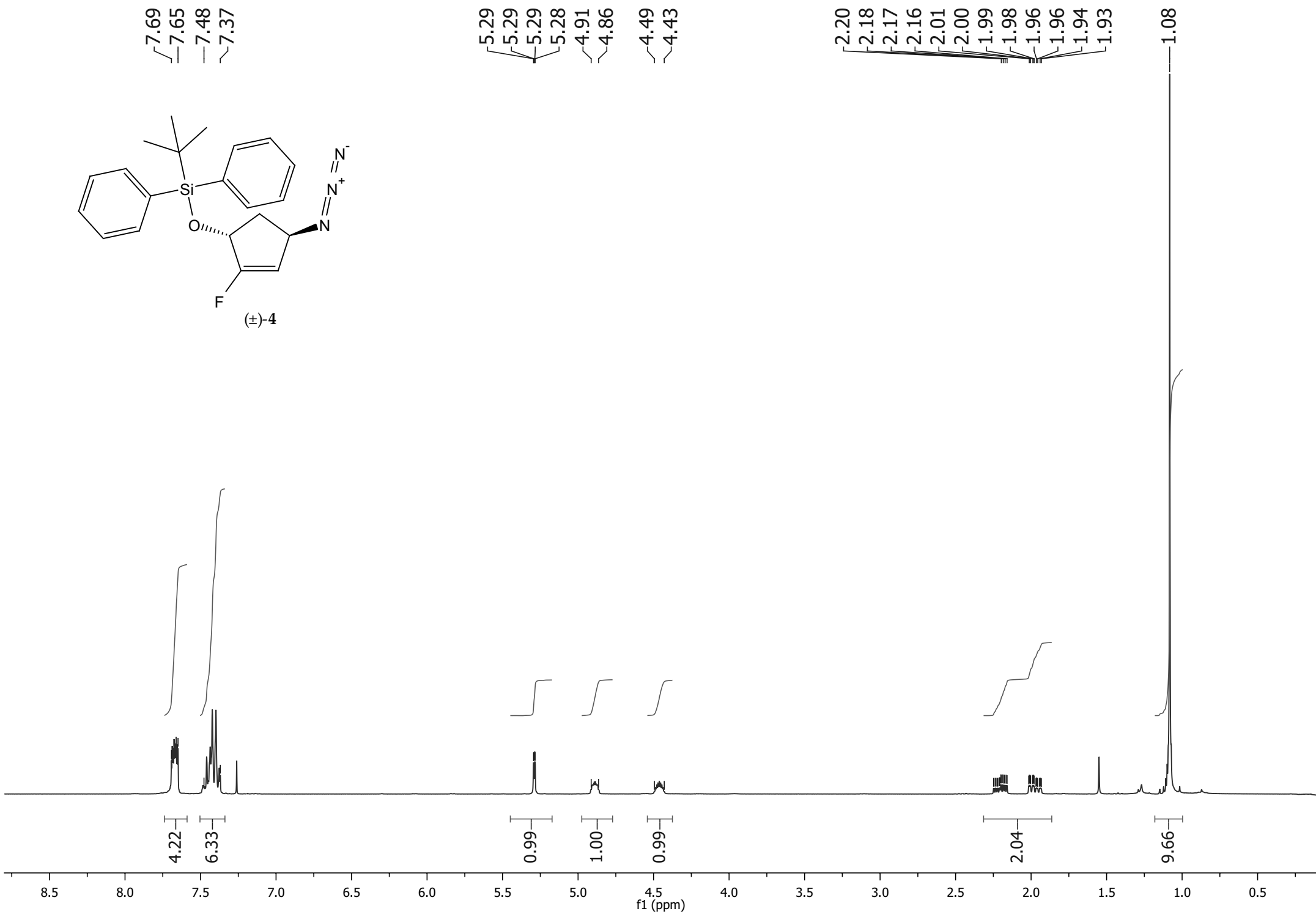
Institut des Biomolécules Max Mousseron (IBMM), UMR 5247, Université de Montpellier, CNRS, ENSCM, cc 1705, Site Triolet, Place Eugène Bataillon, 34095 Montpellier cedex 5 (France) ;
pygeant@yahoo.fr; jean-pierre.uttaro@umontpellier.fr; christian.perigaud@umontpellier.fr;

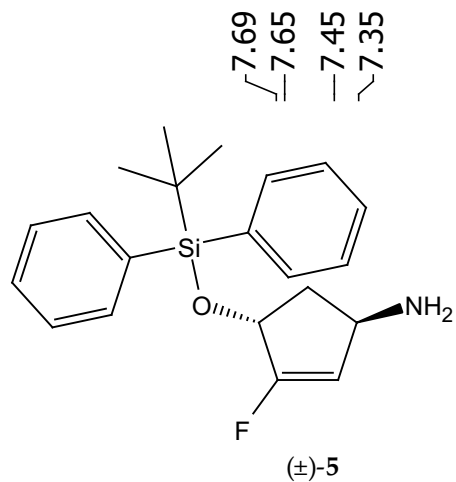
* Correspondence: christophe.mathe@umontpellier.fr

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¹H, ¹³C, ³¹P and ¹⁹F NMR spectra for all compounds

S2-S34





7.69
7.65
7.45
7.35

5.21
5.20

4.87
4.83

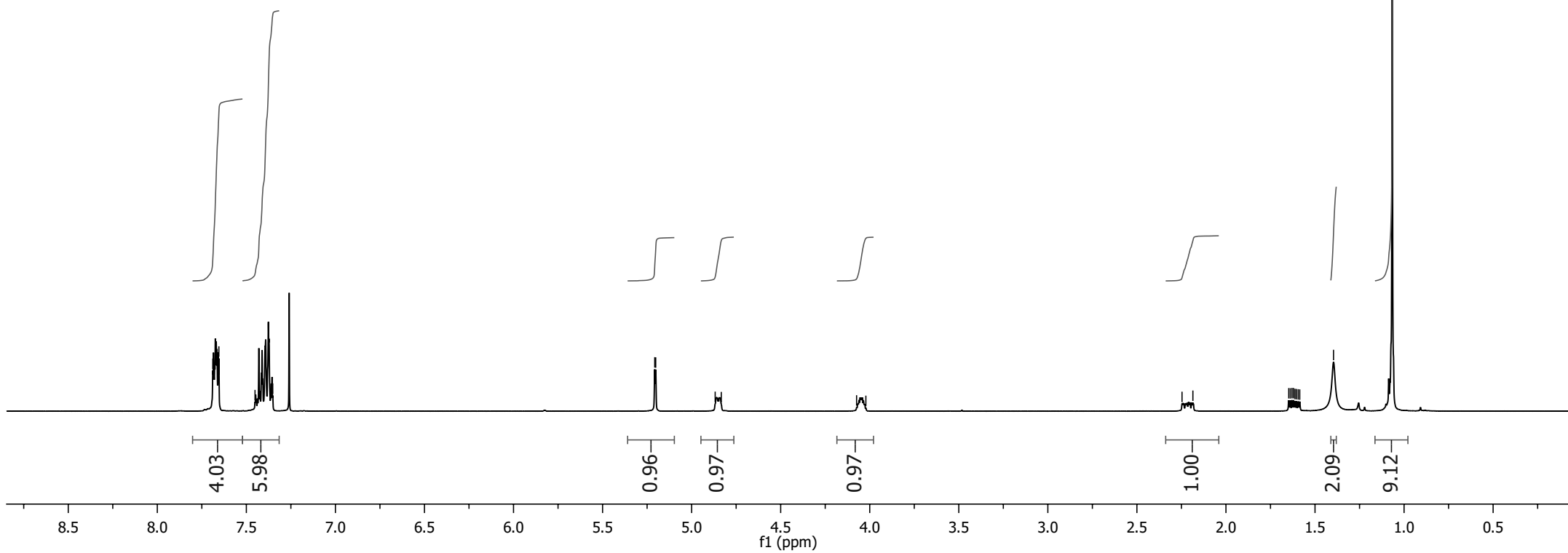
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4.02

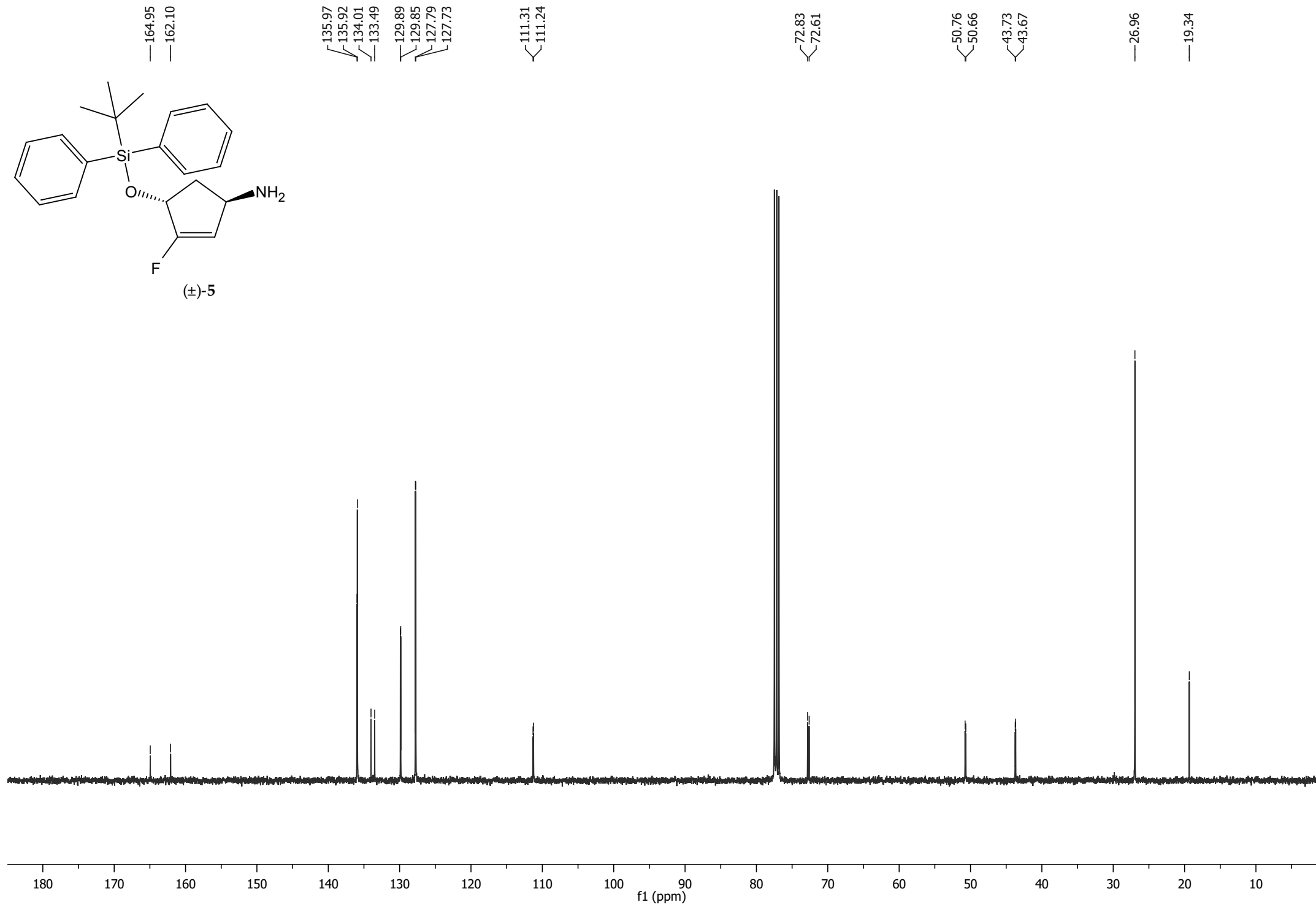
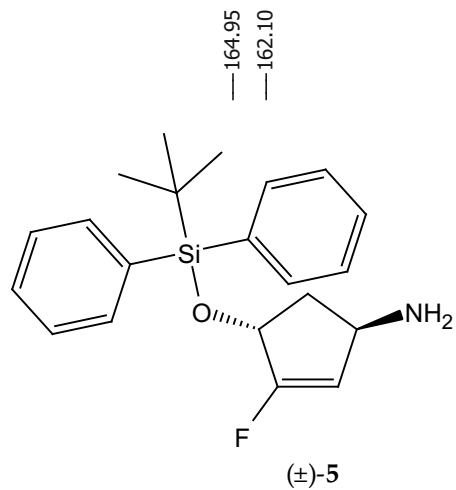
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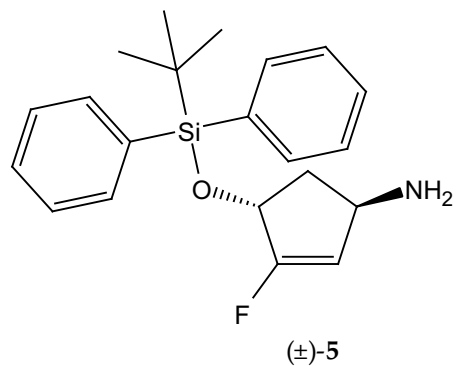
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1.40

1.07

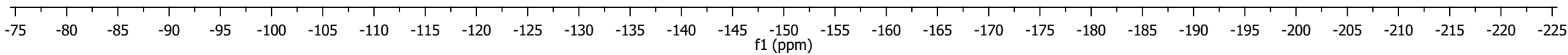


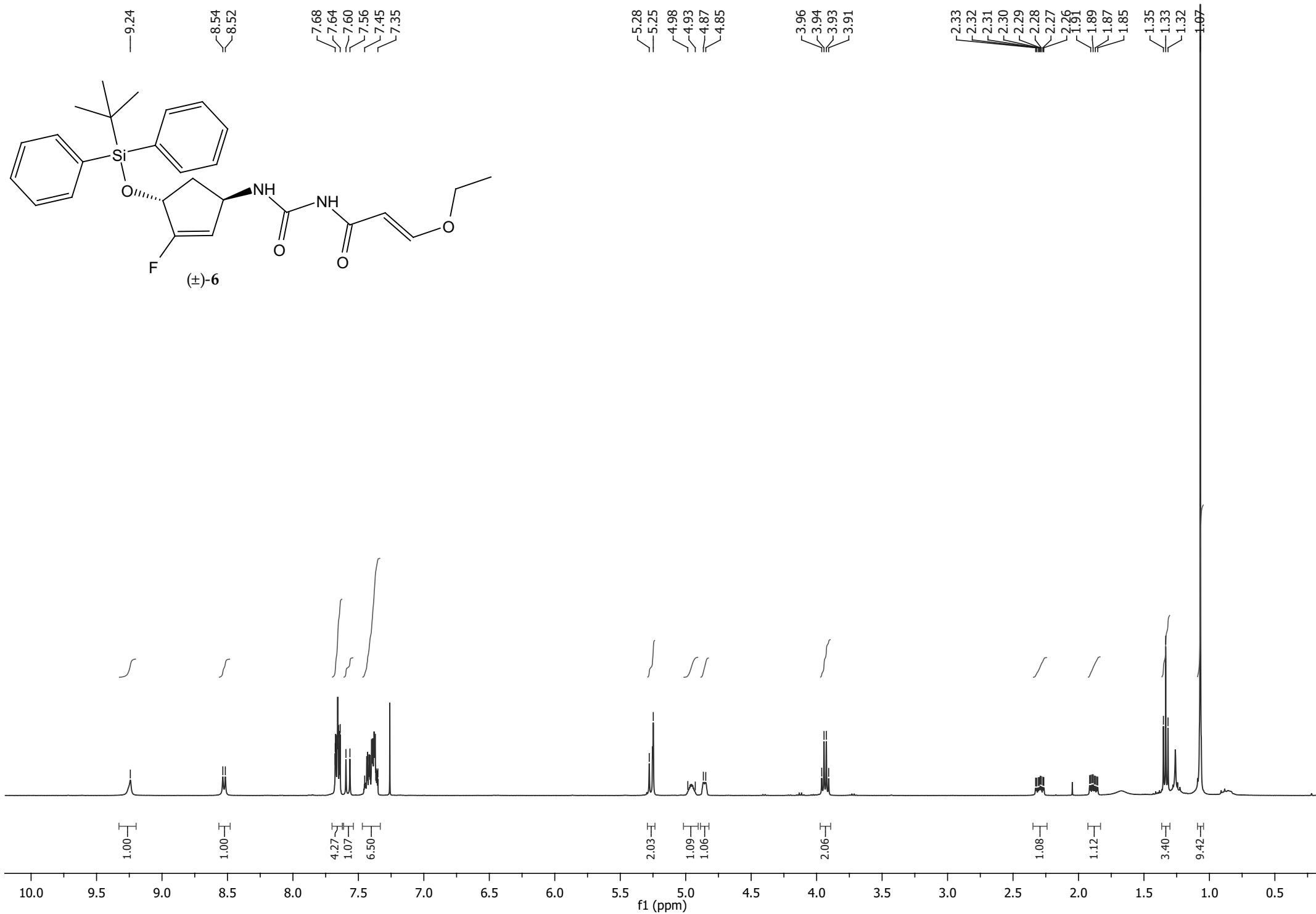


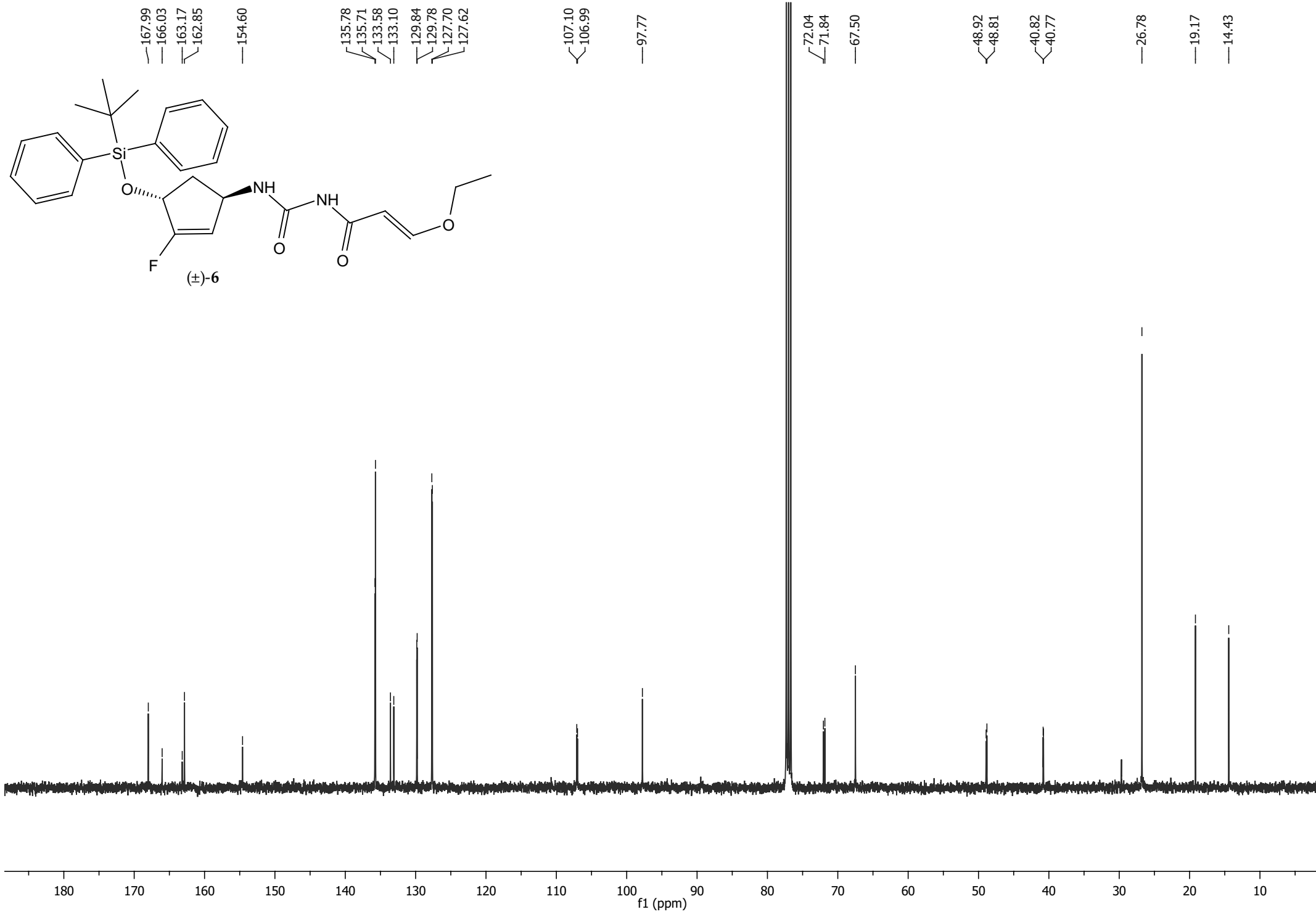


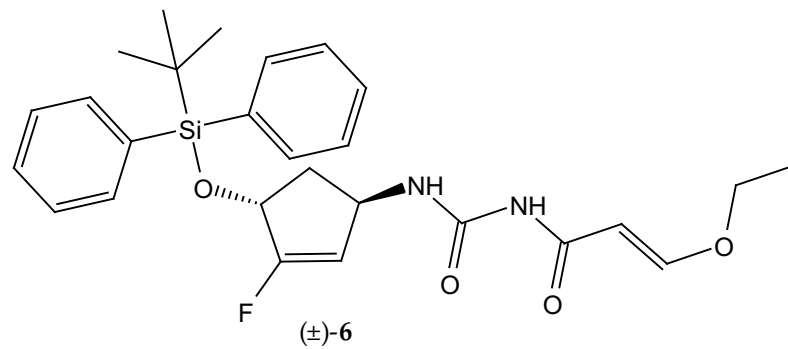
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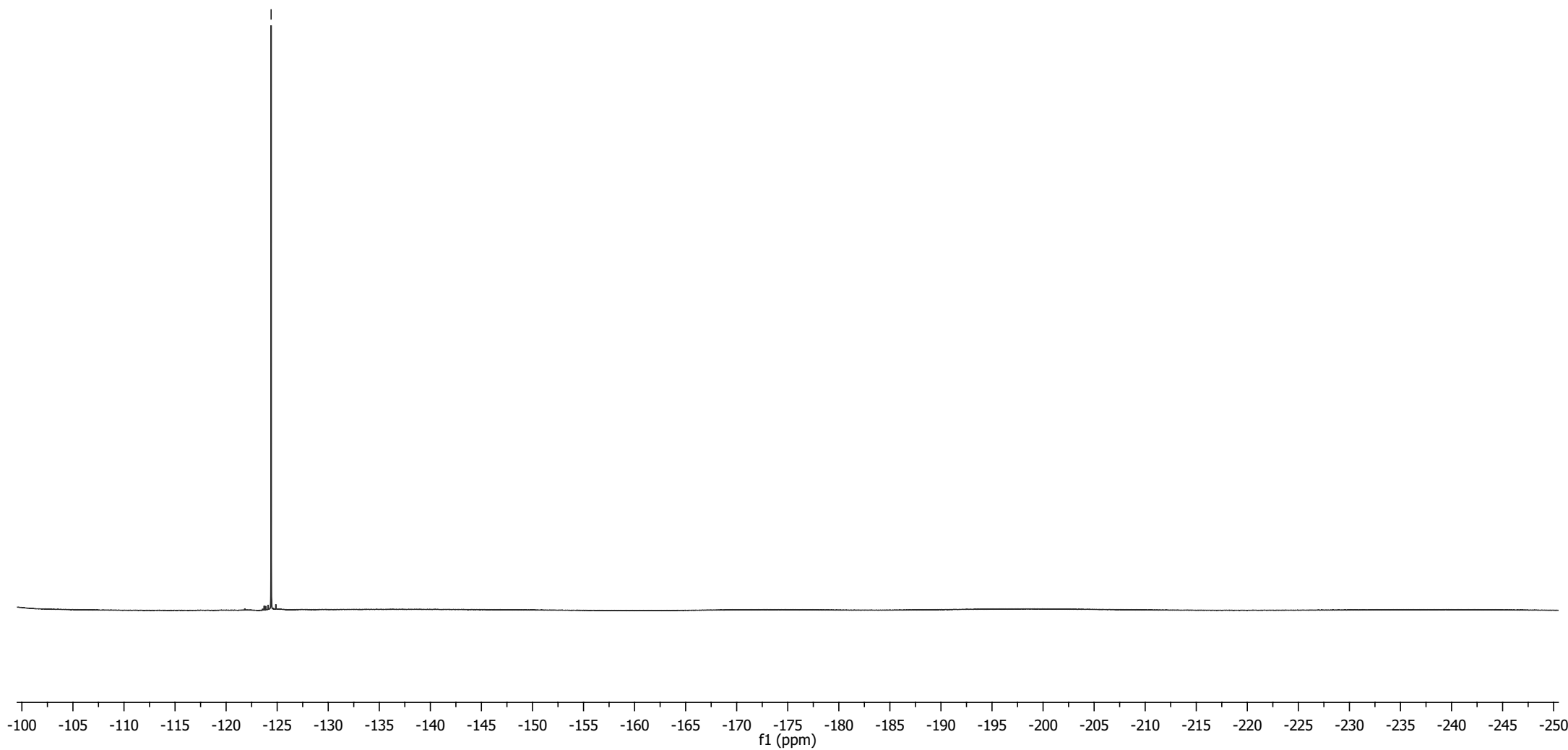


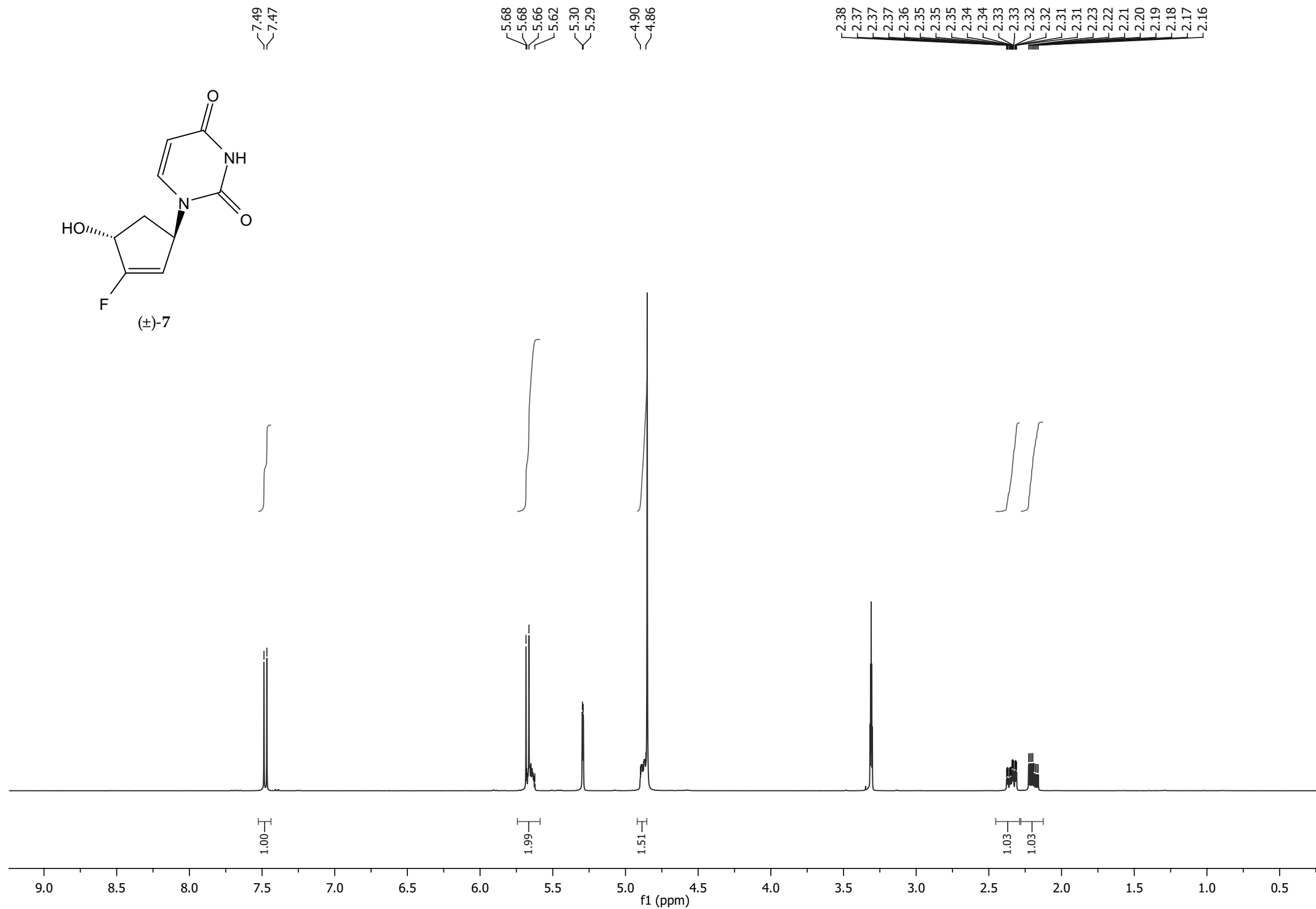
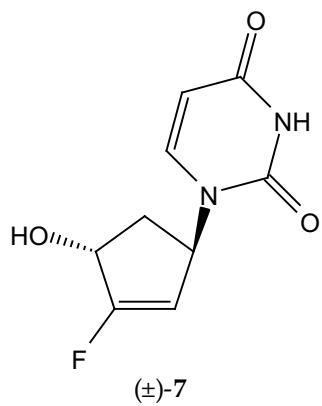


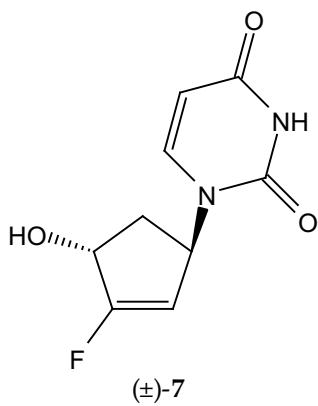




—124.41







— 169.92
— 167.06
— 166.38

— 152.75

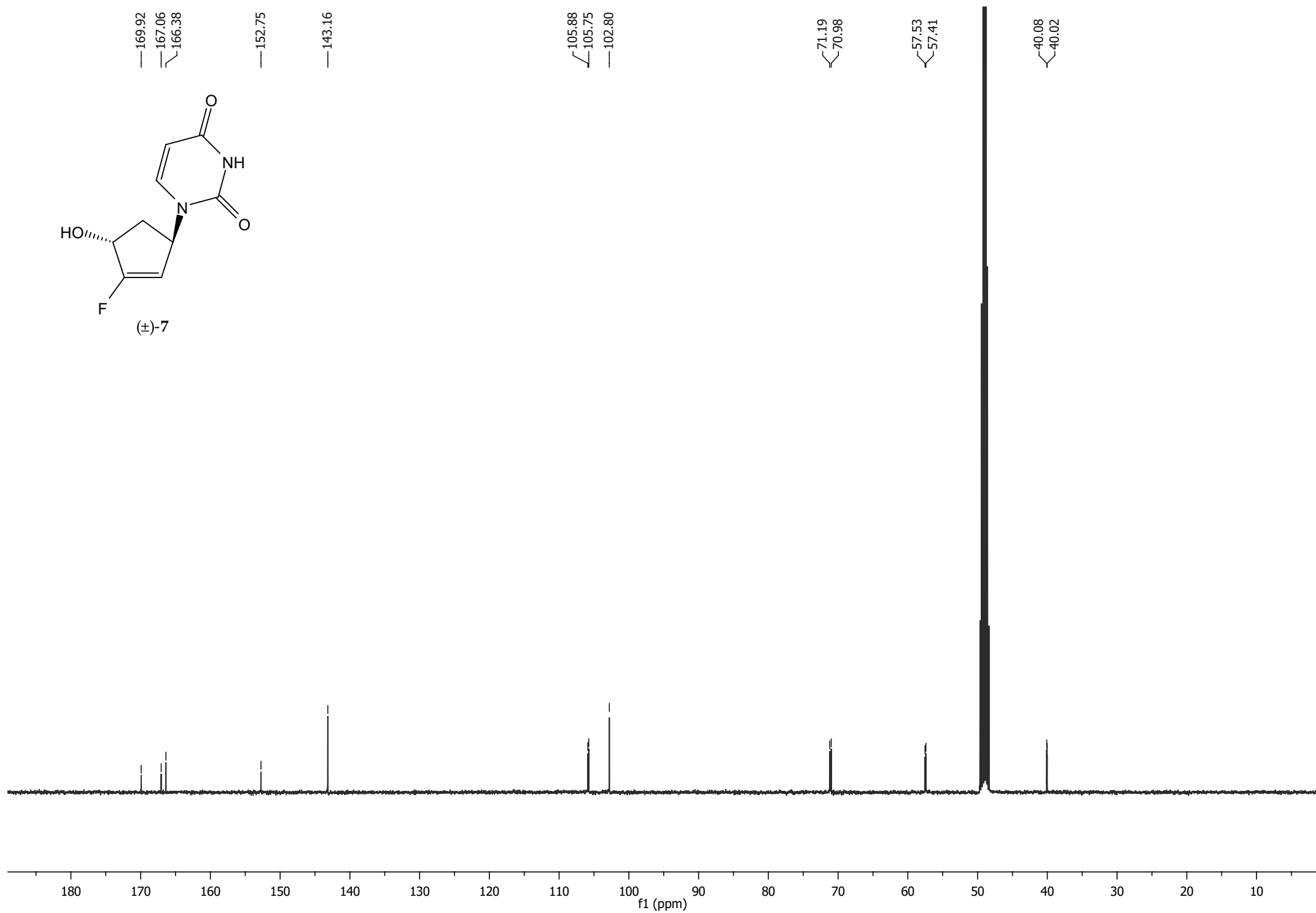
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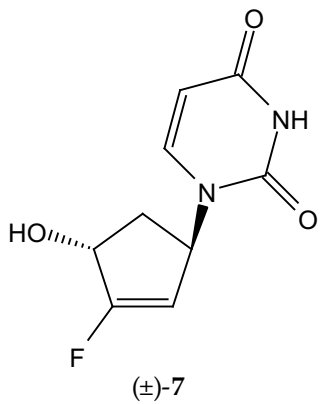
— 105.88
— 105.75
— 102.80

— 71.19
— 70.98

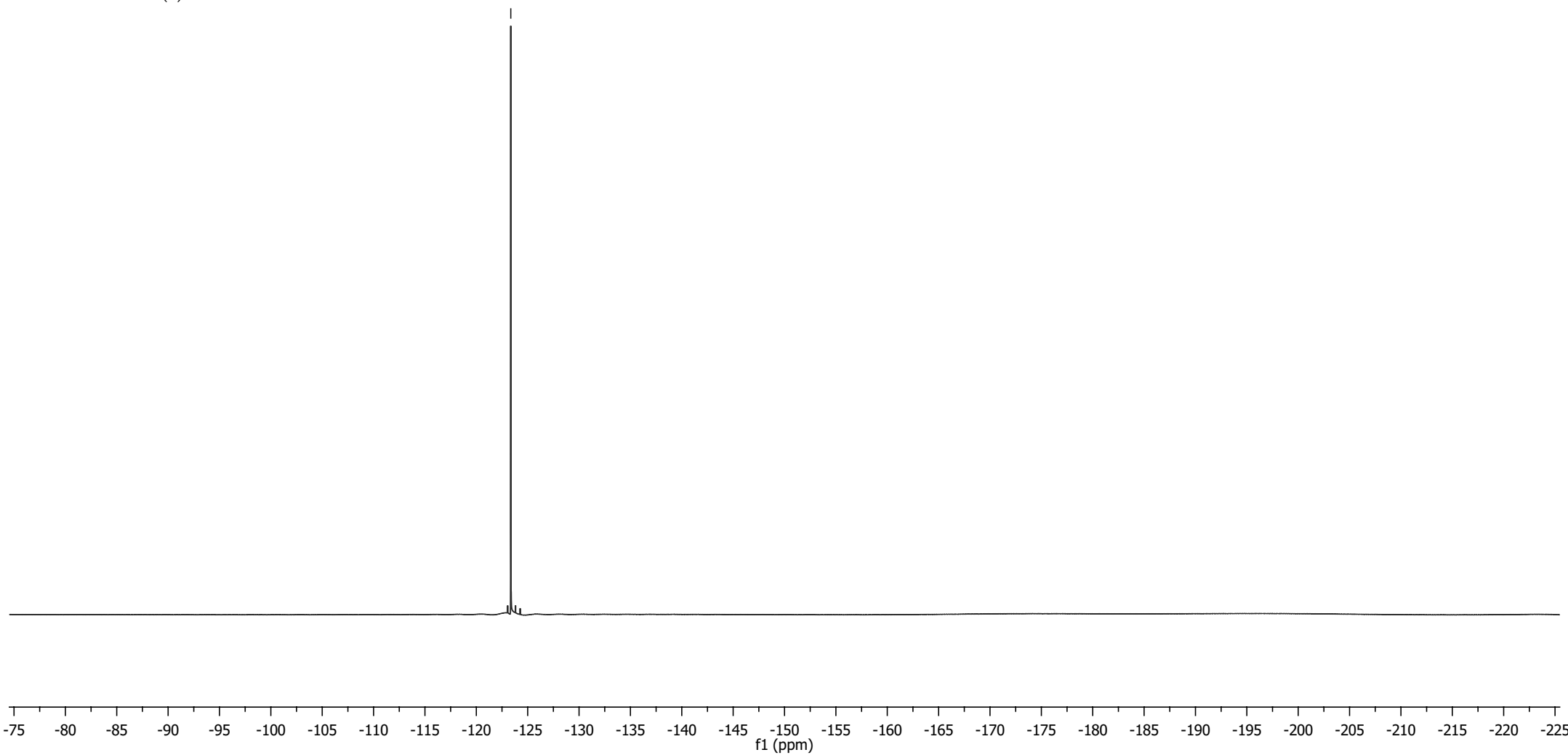
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— 57.41

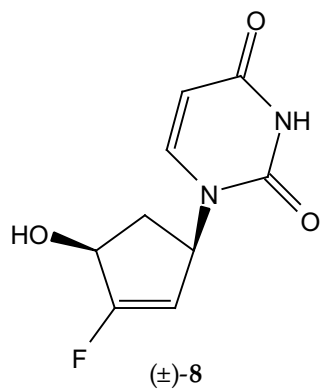
— 40.08
— 40.02





— -123.35





7.71
7.69

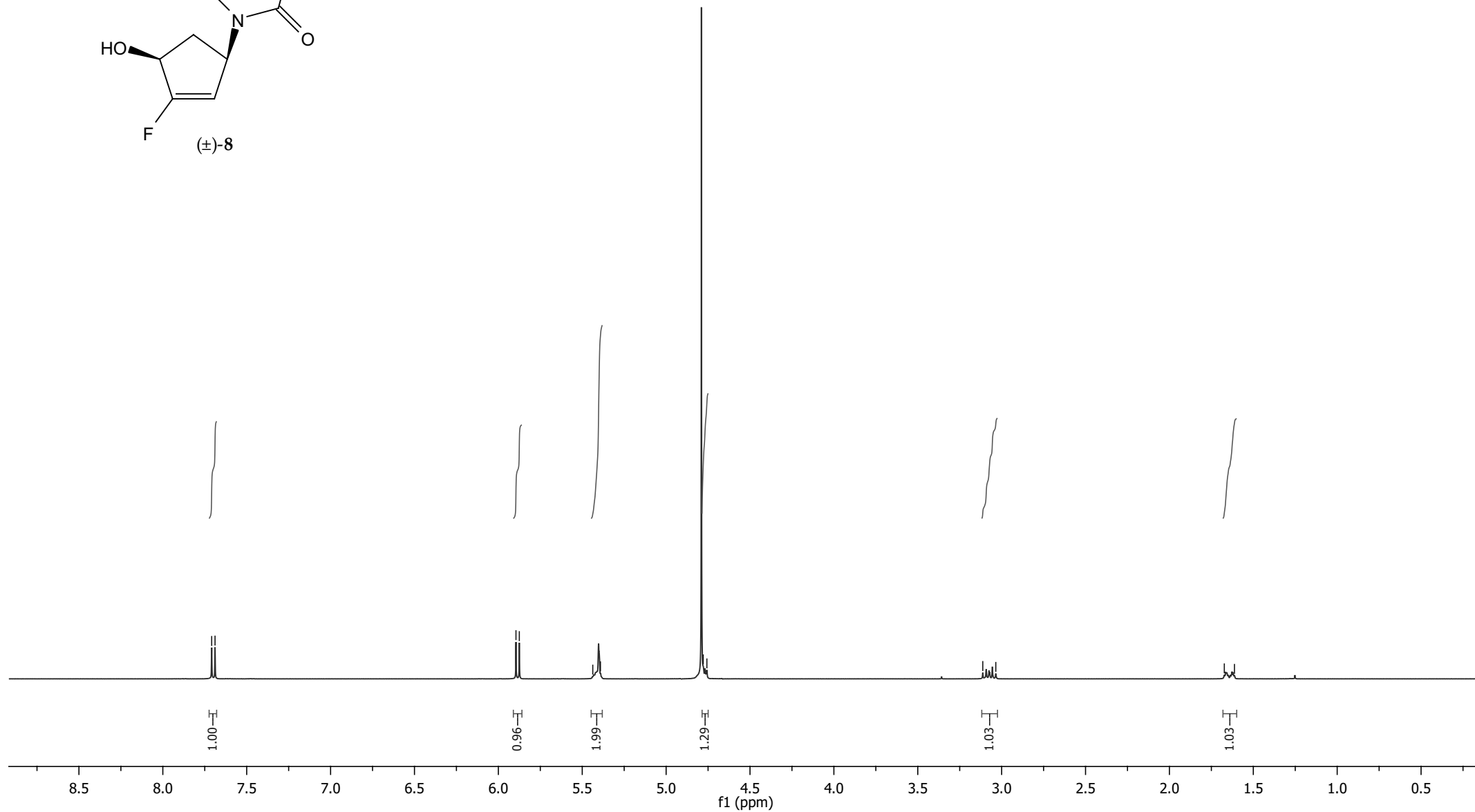
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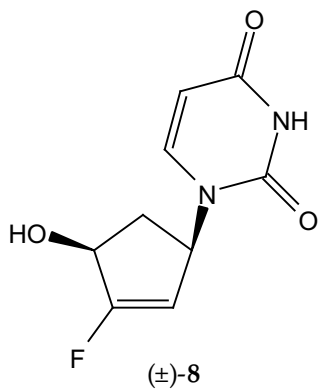
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4.78
4.76

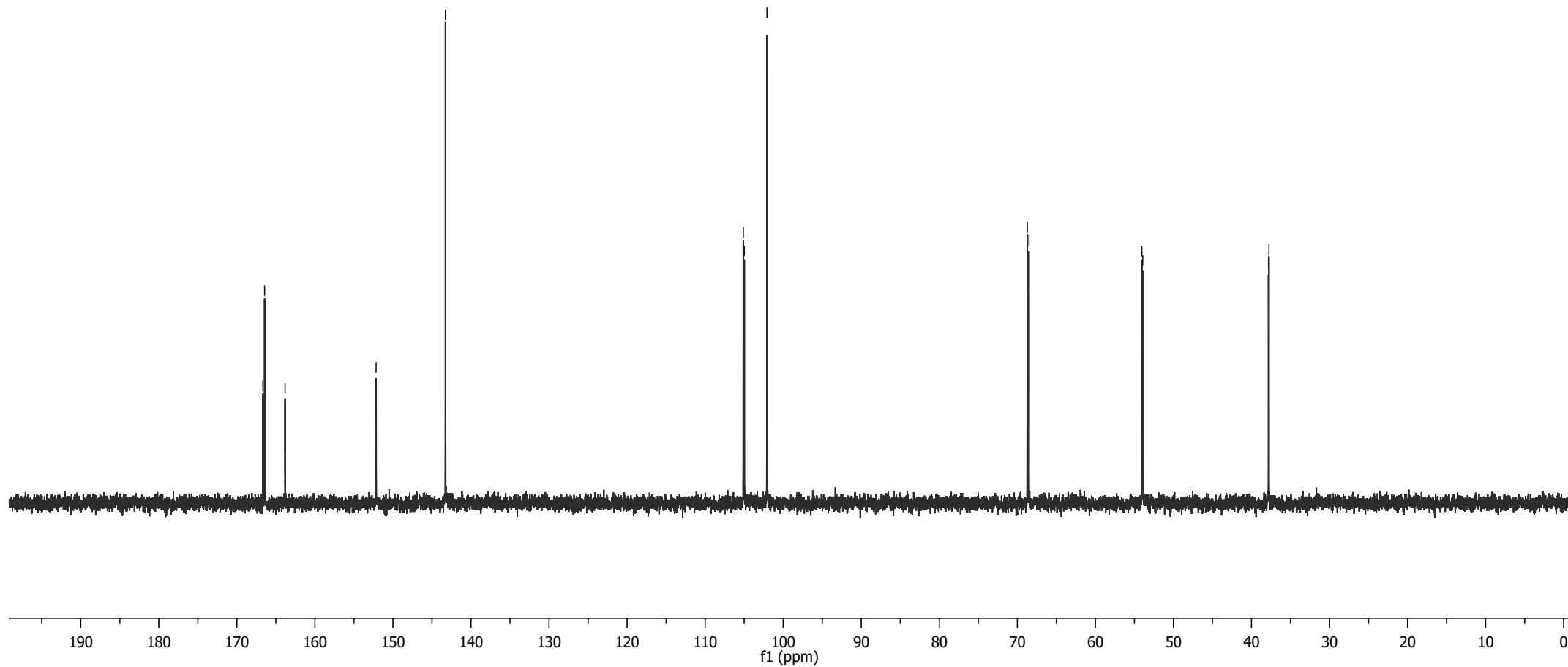
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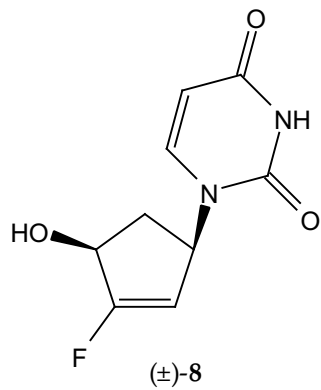
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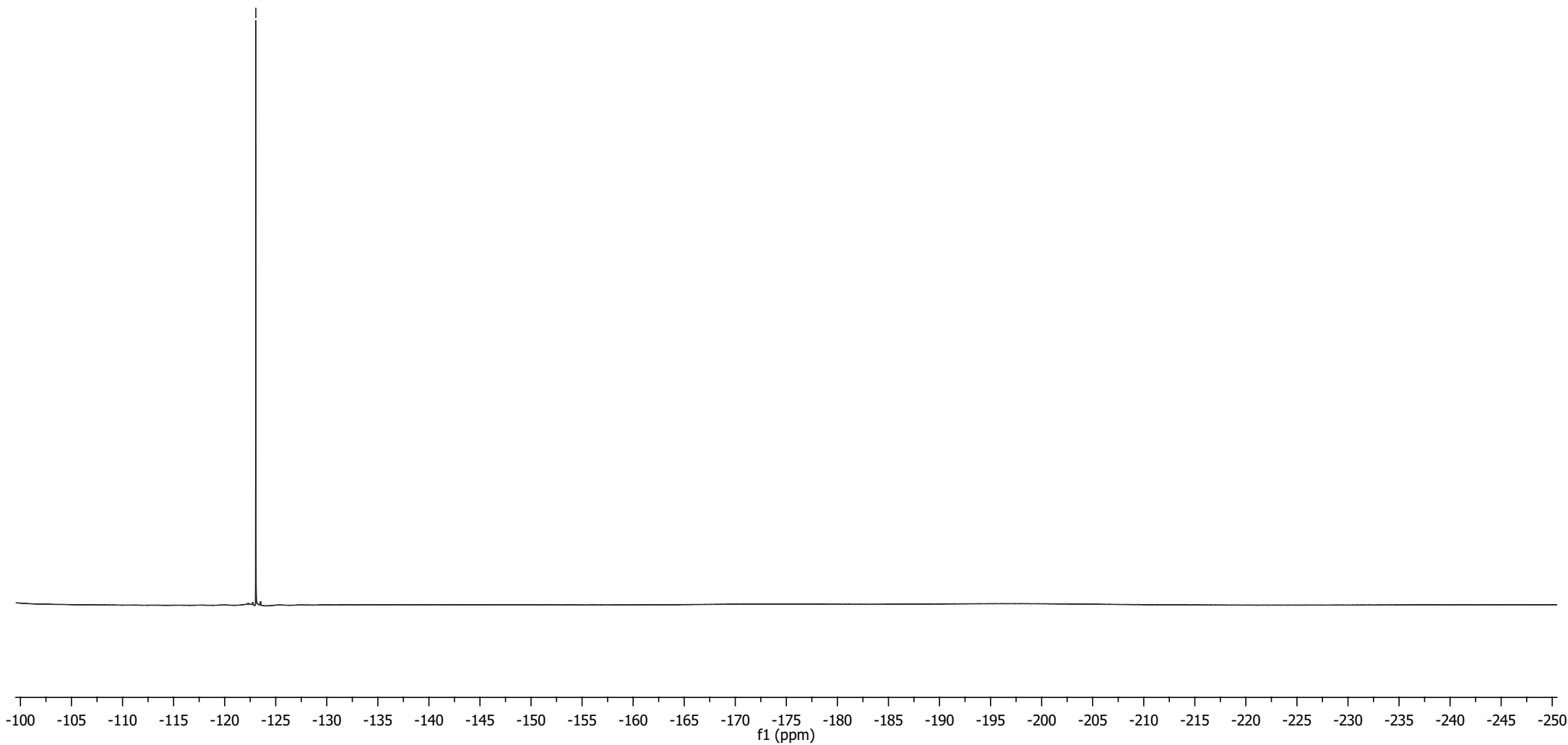


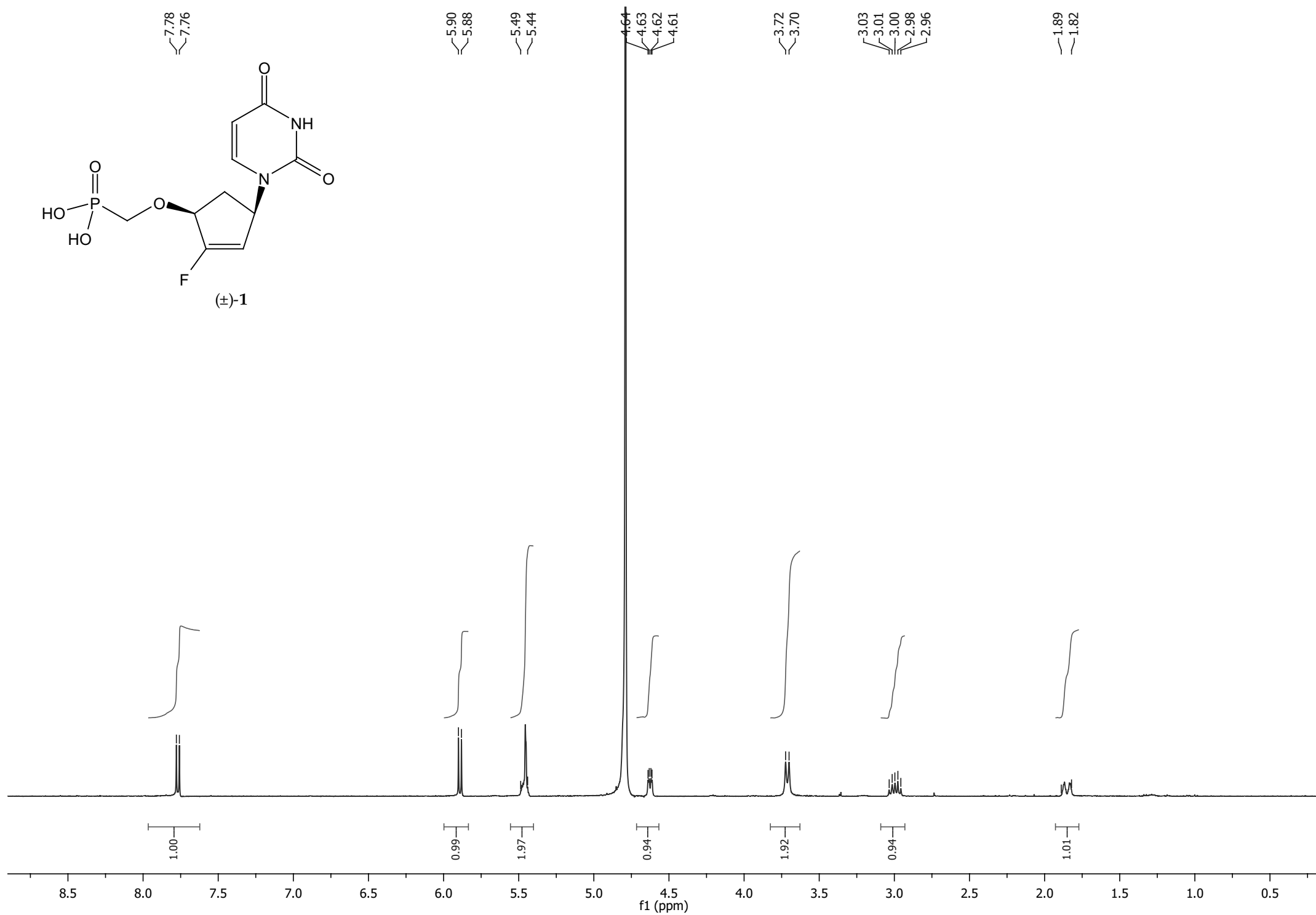
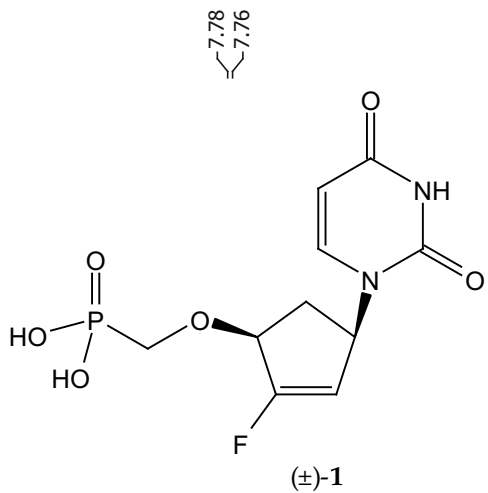
¹³C NMR chemical shifts (ppm):
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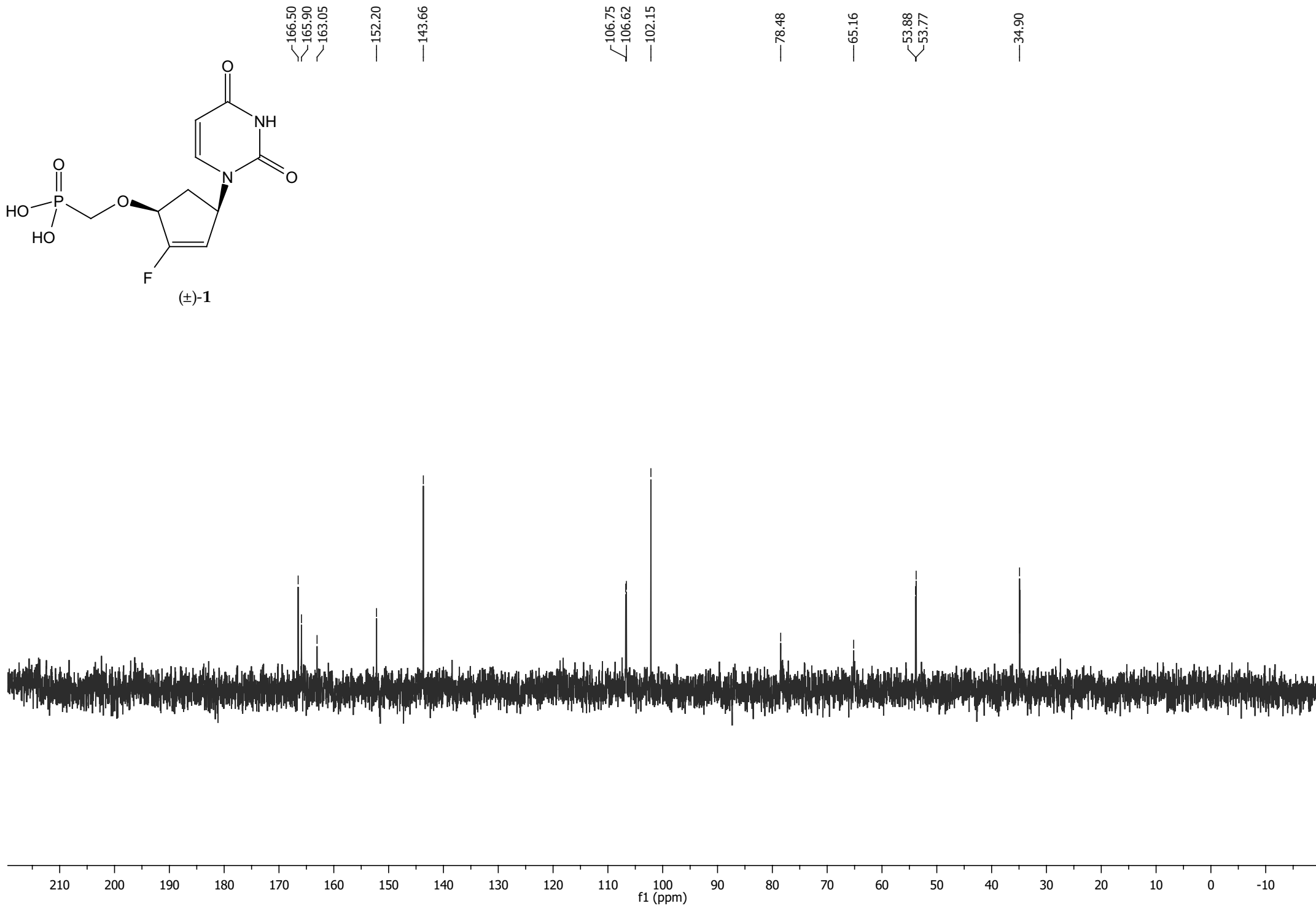


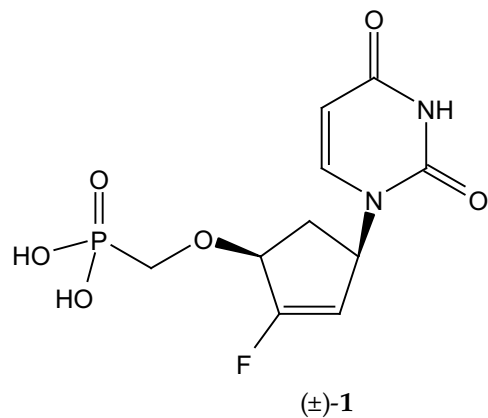


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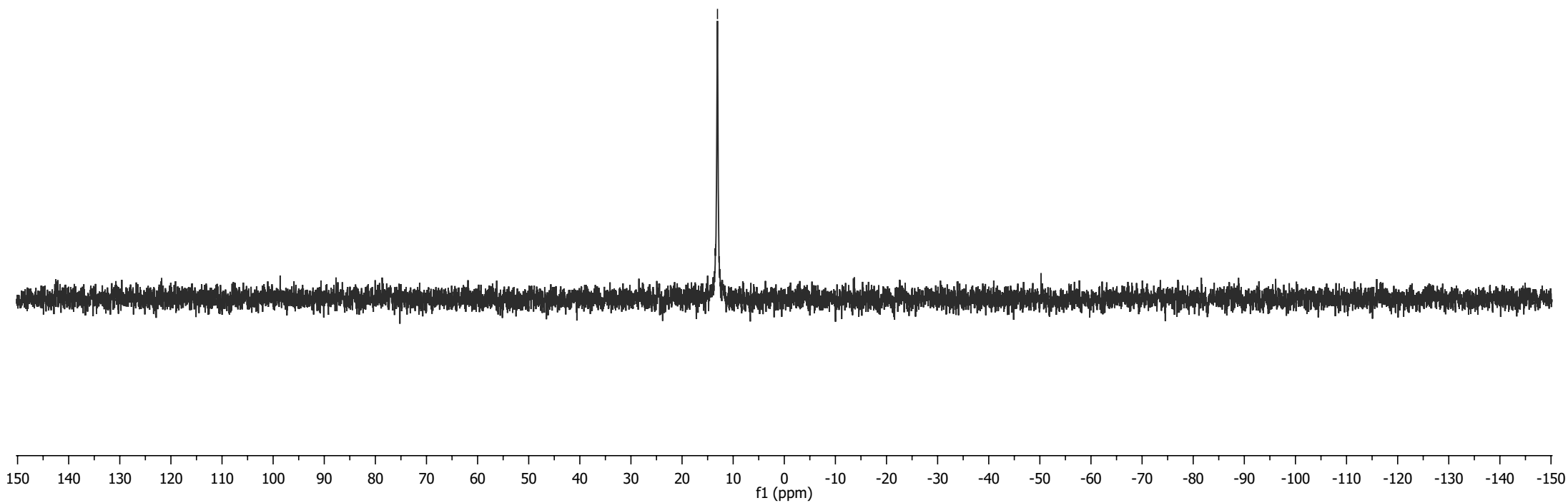


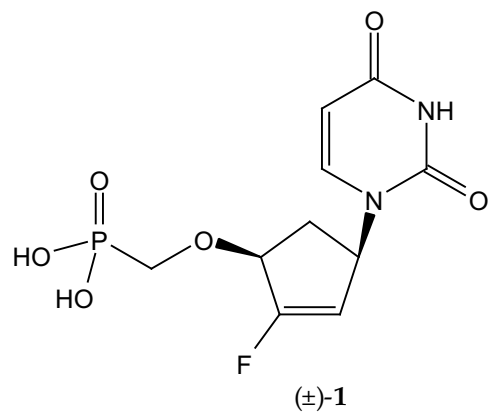




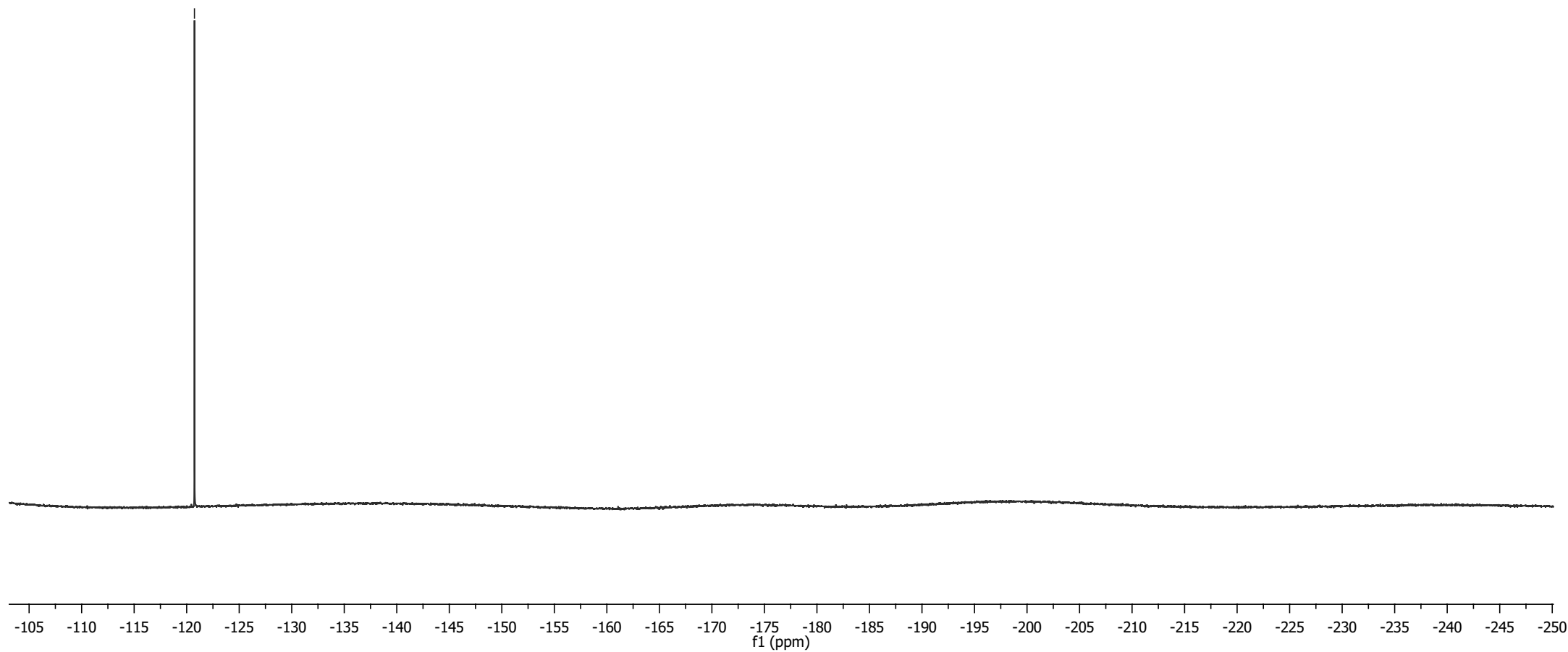


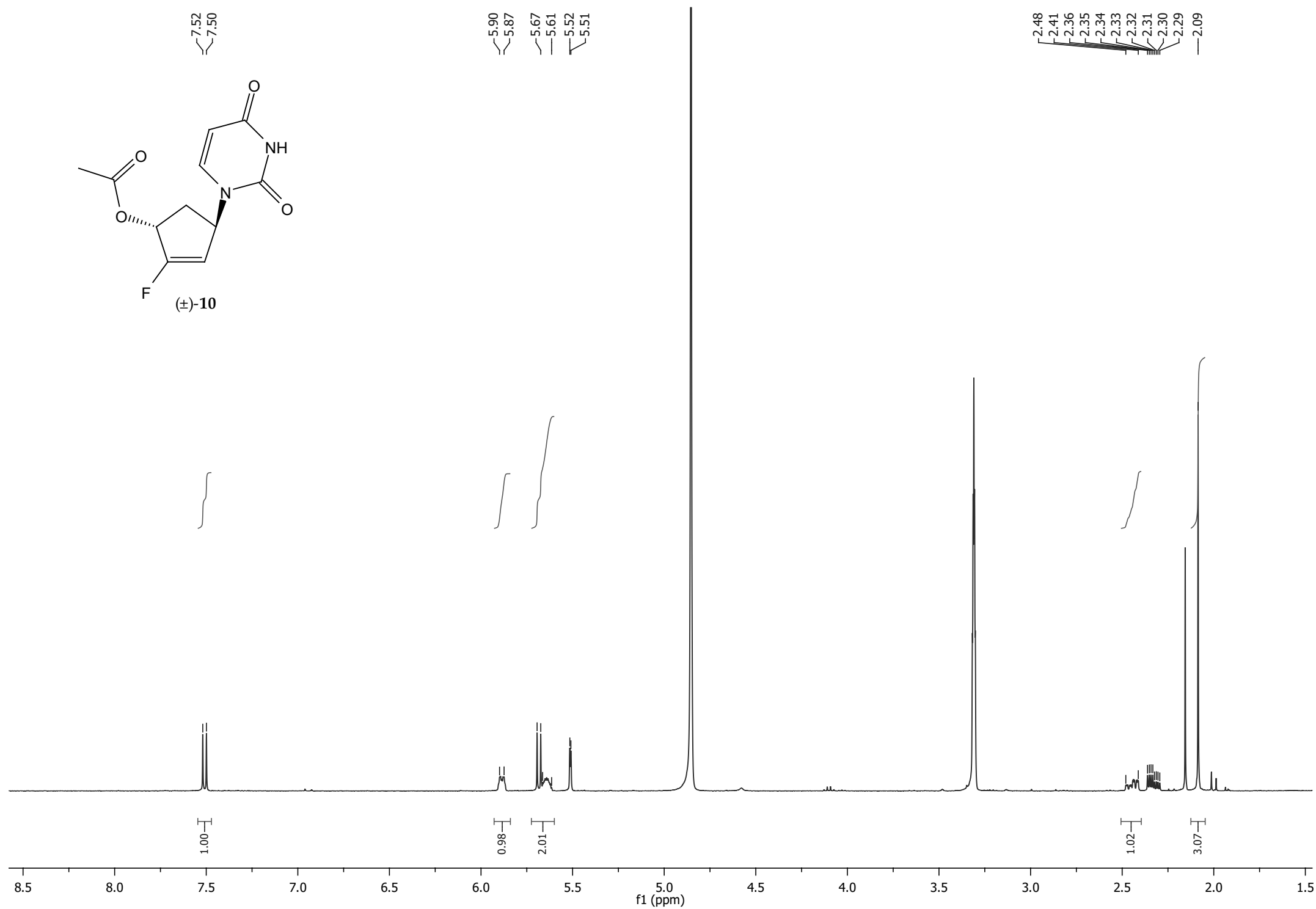
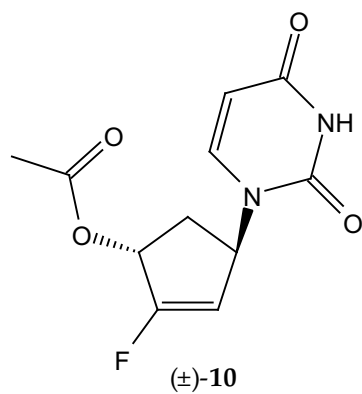
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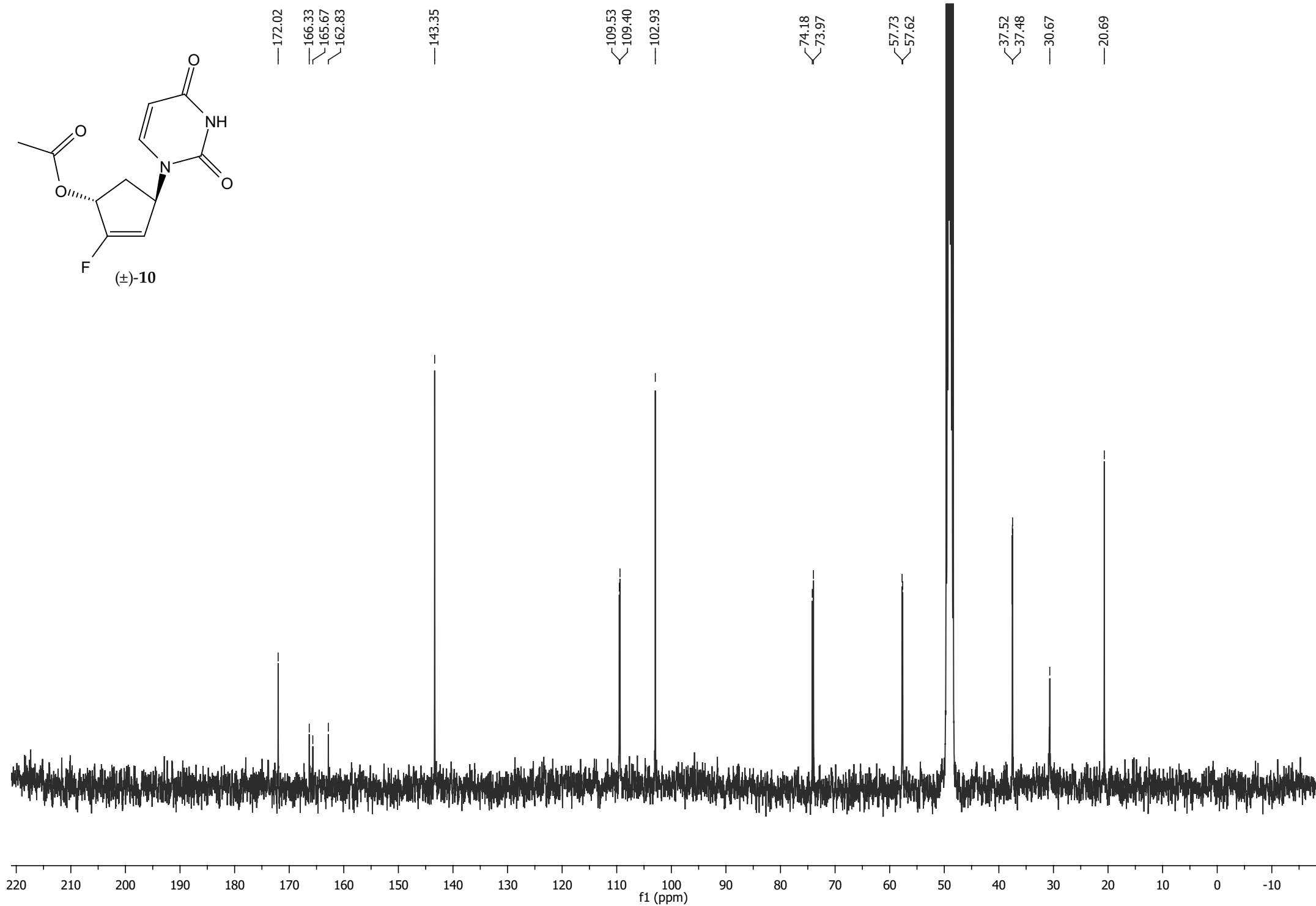
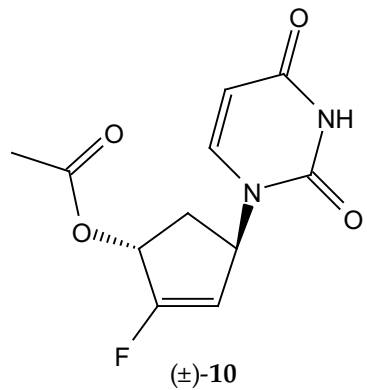


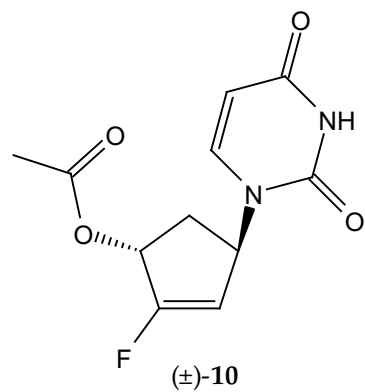


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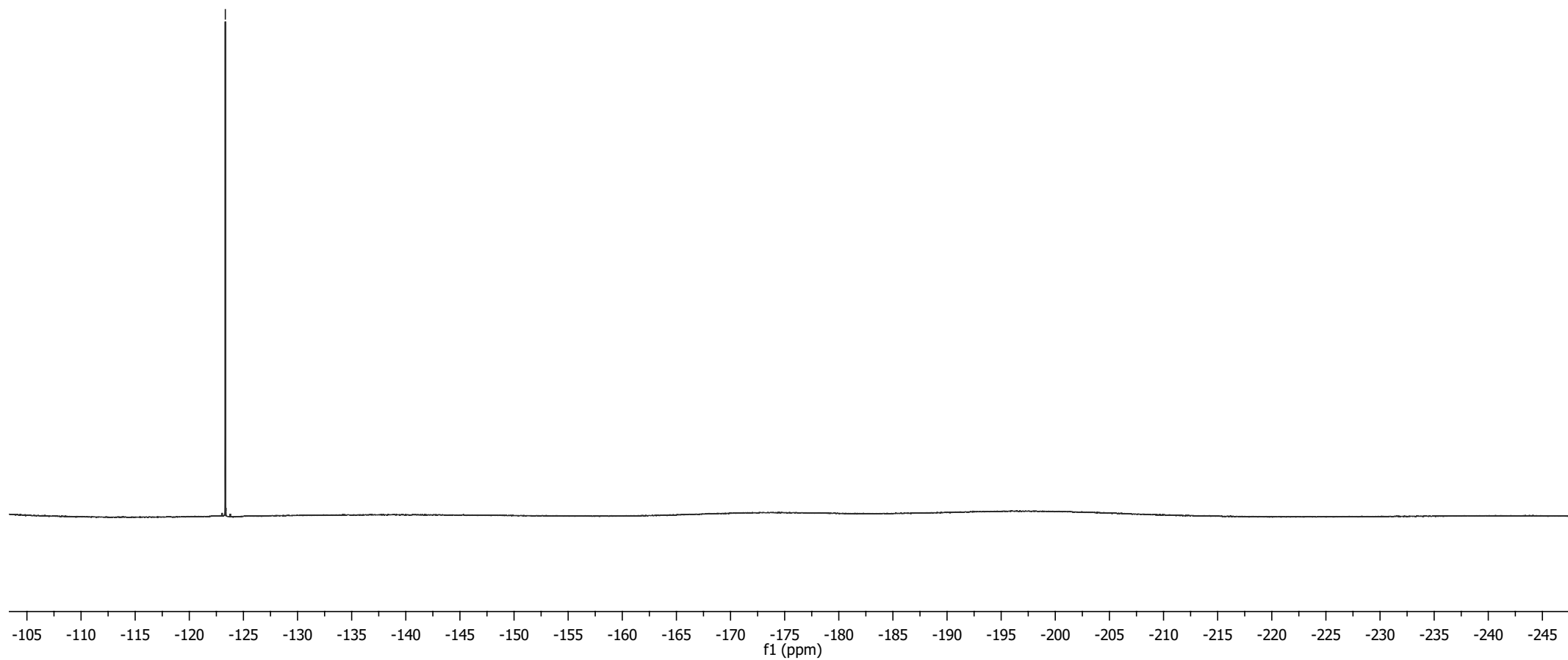


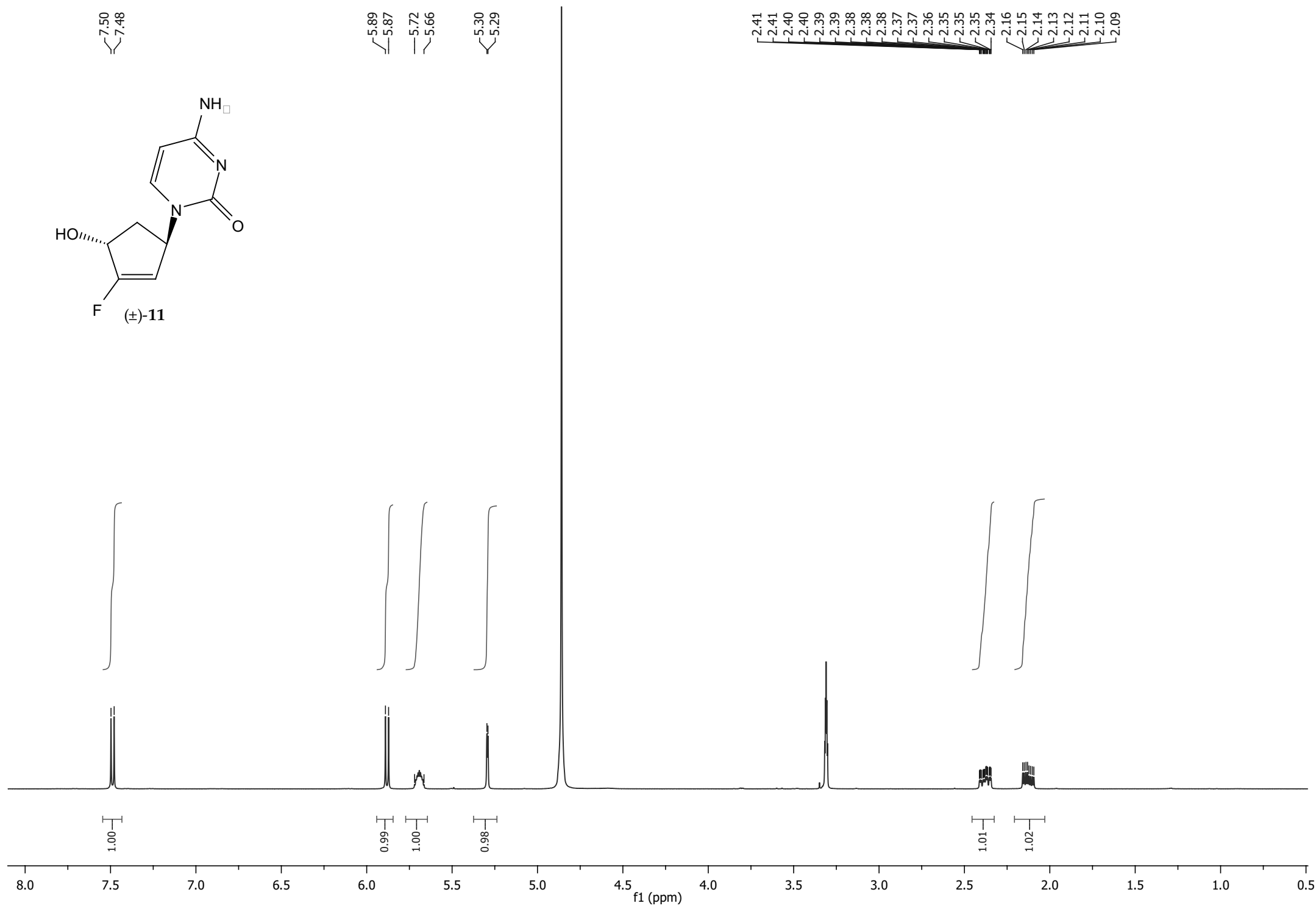
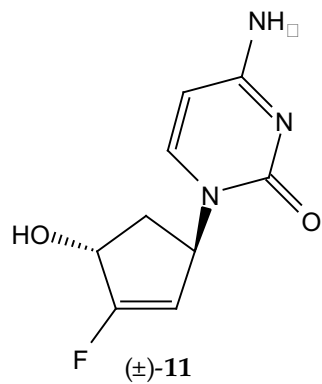


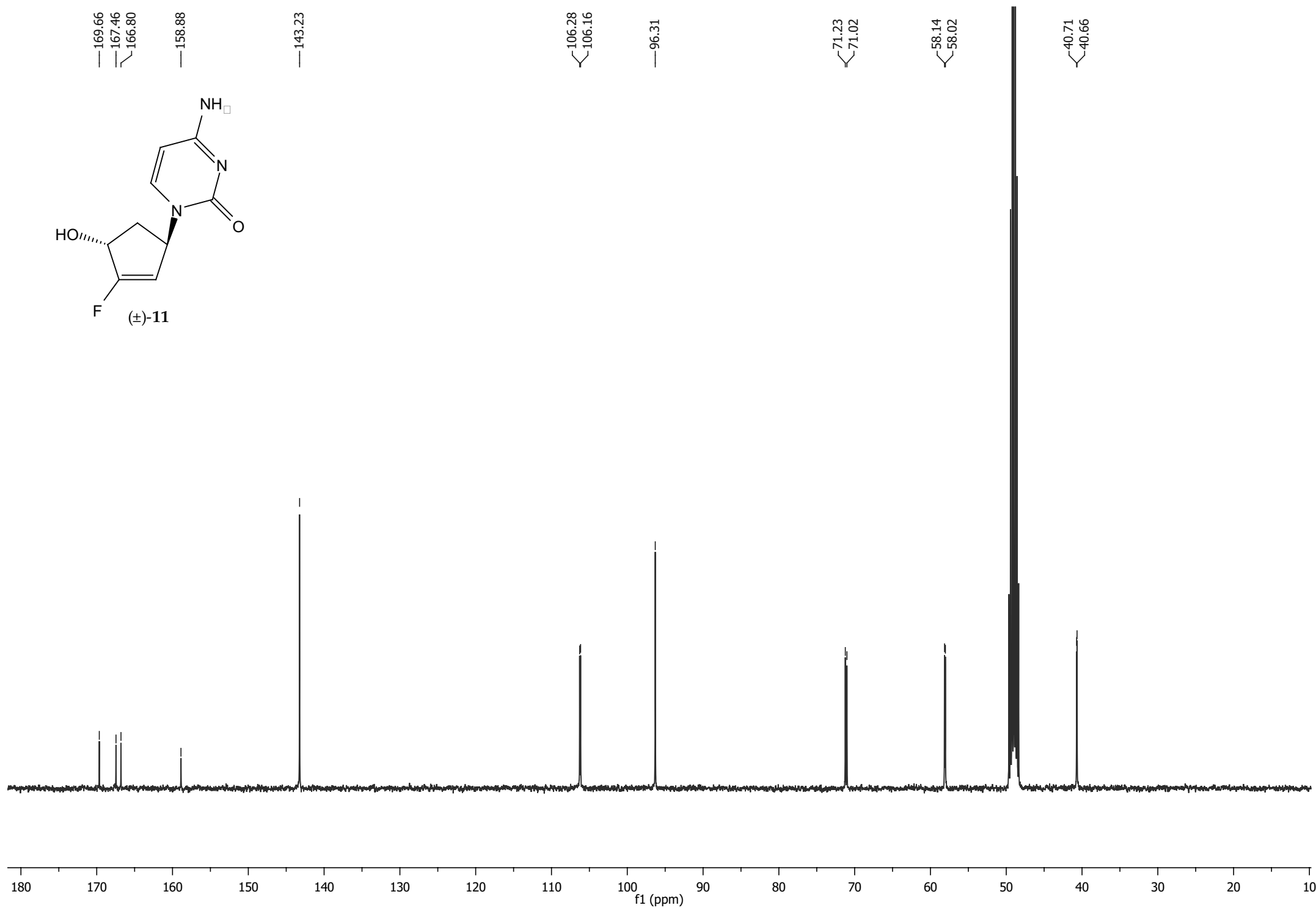
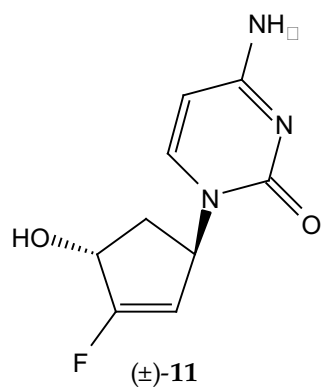


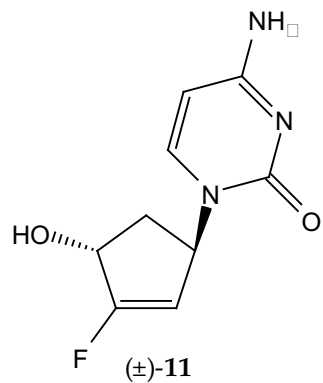


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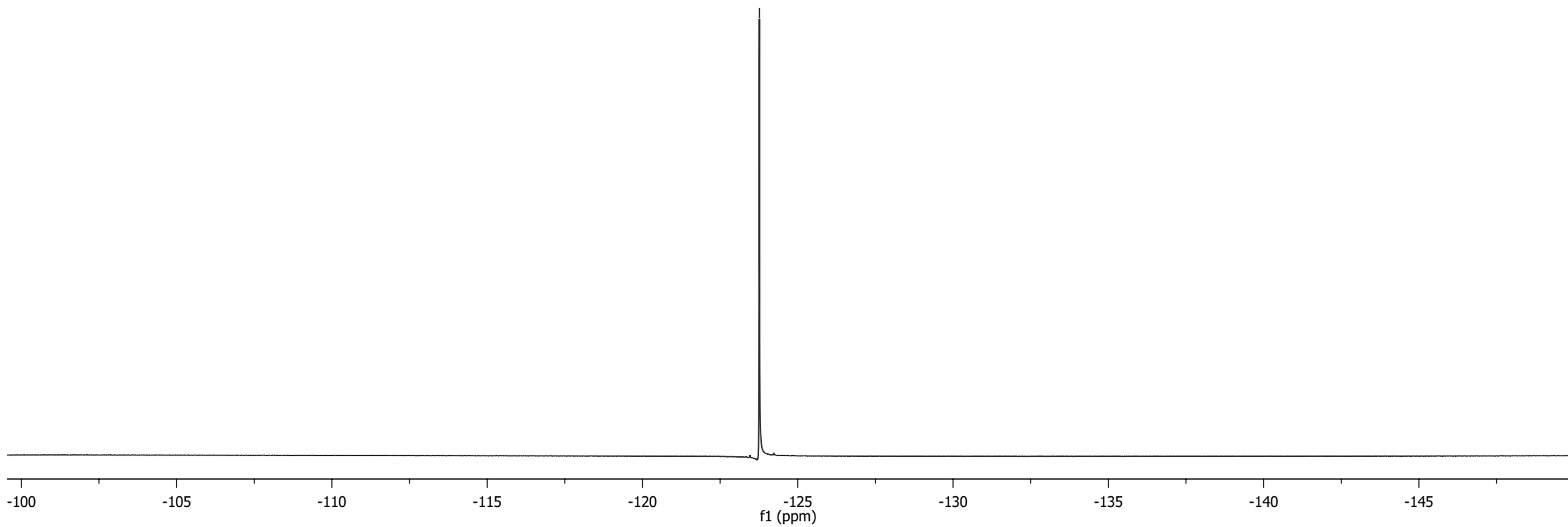


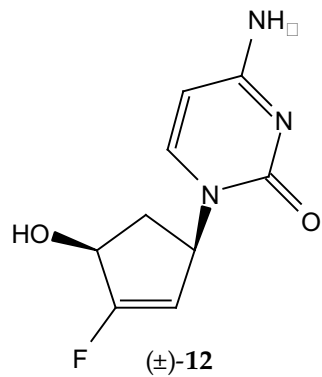






--123.76





7.66
7.64

5.92
5.90

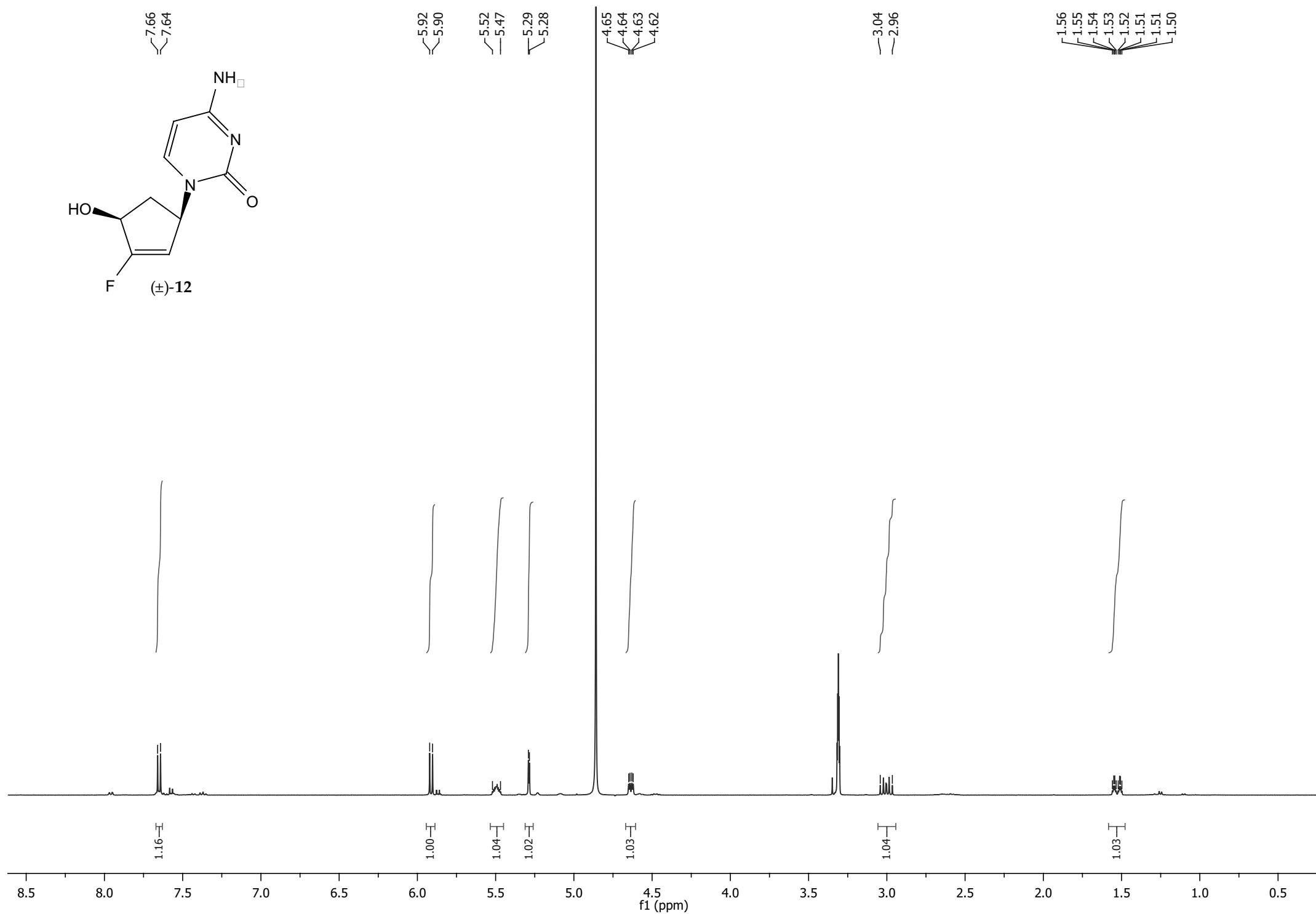
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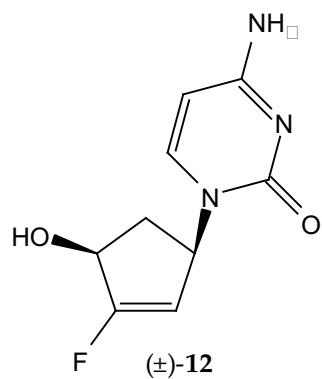
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4.65
4.64
4.63
4.62

3.04
2.96

1.56
1.55
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1.52
1.51
1.51
1.50





169.20
167.47
166.35
158.86

143.55

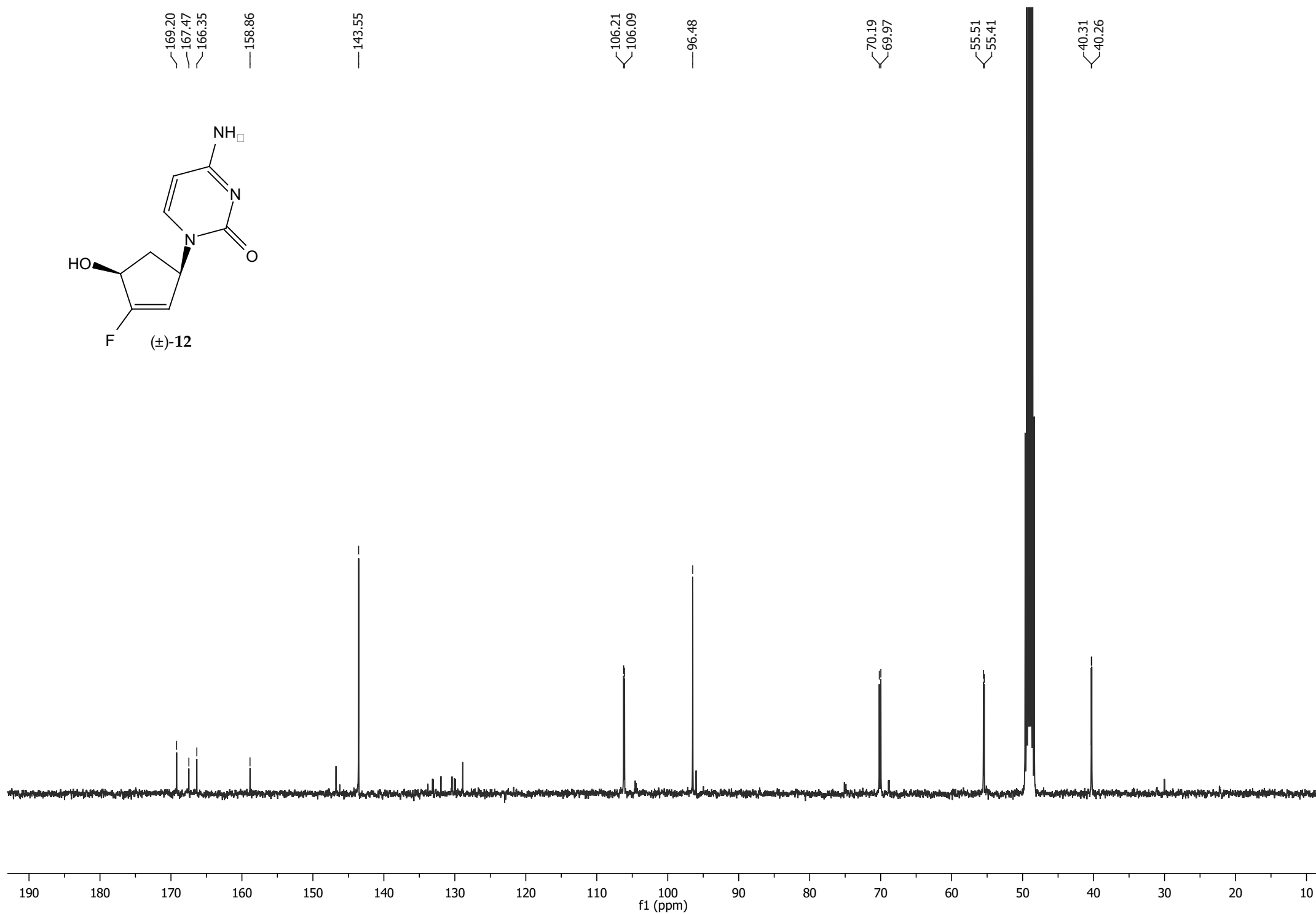
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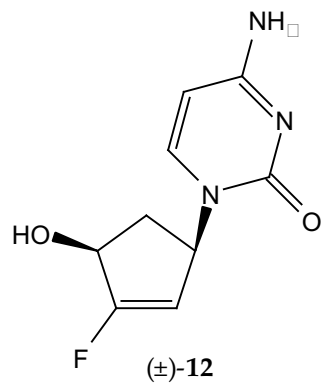
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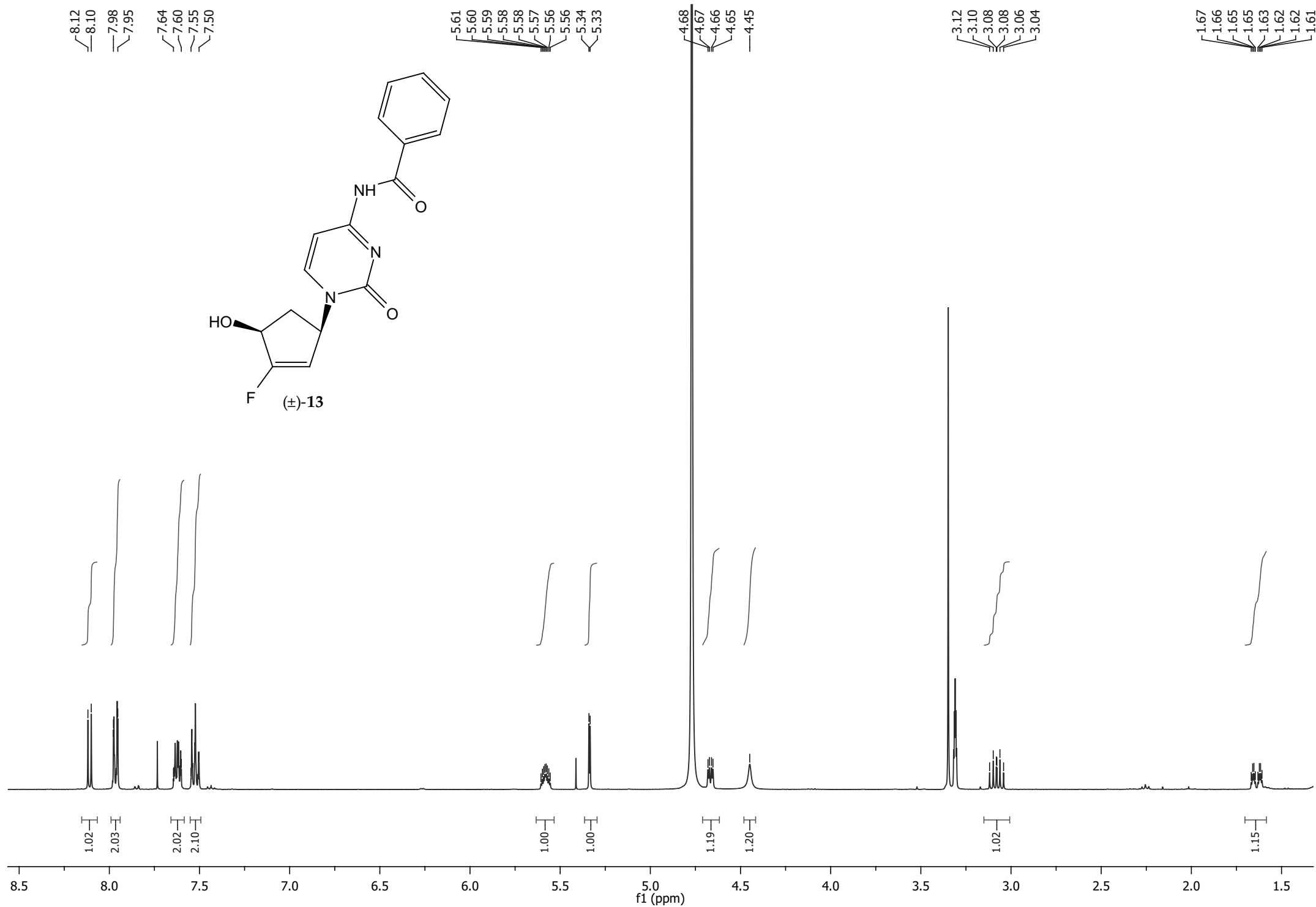
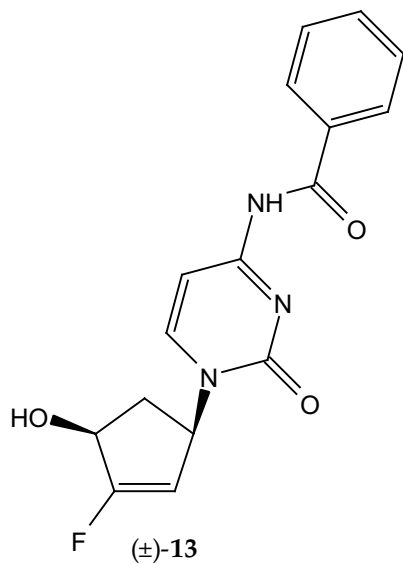
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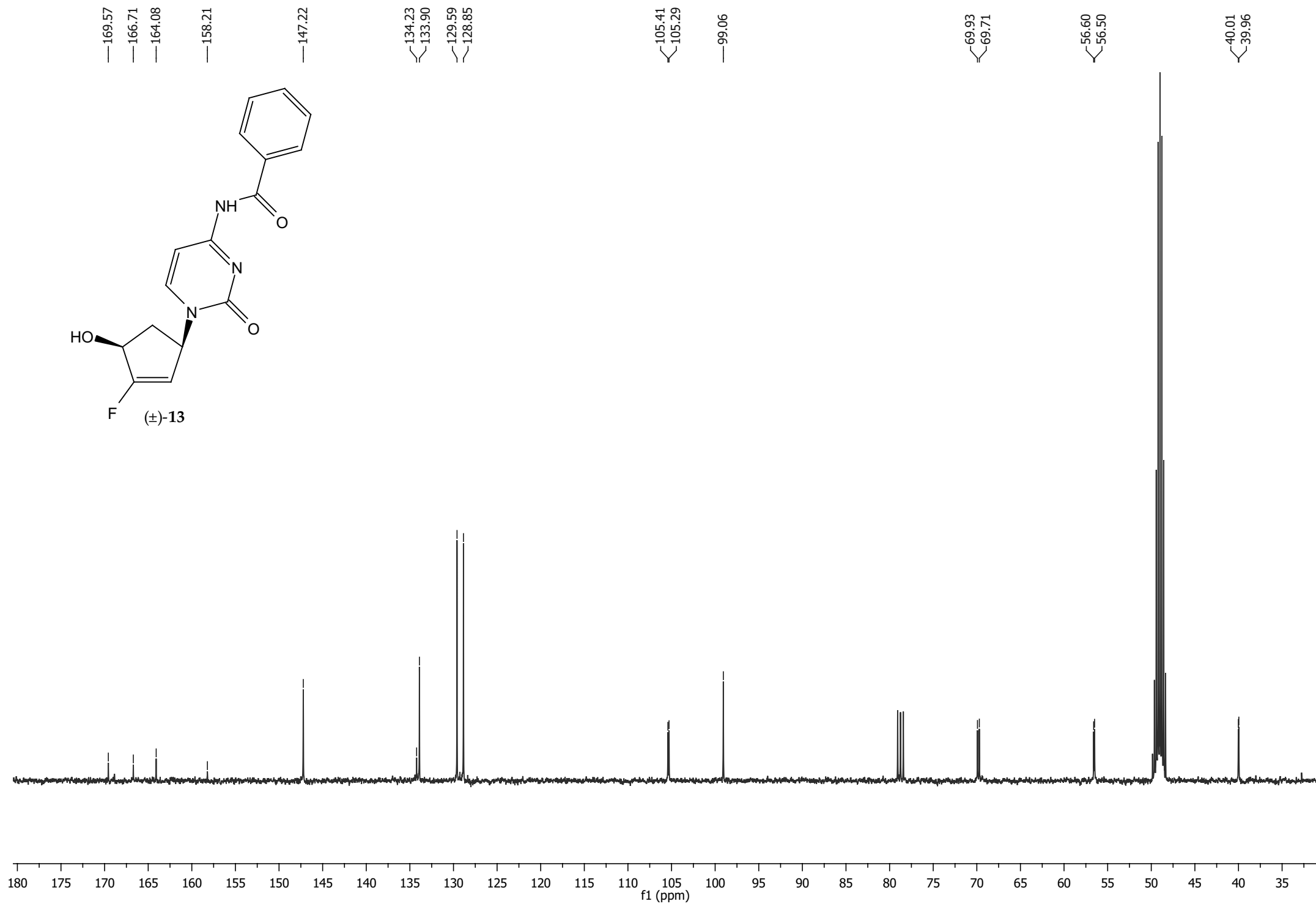
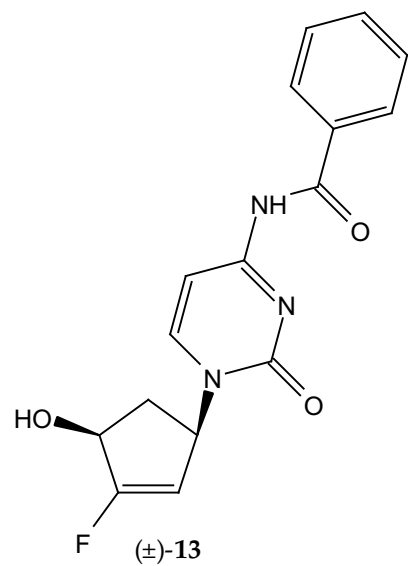
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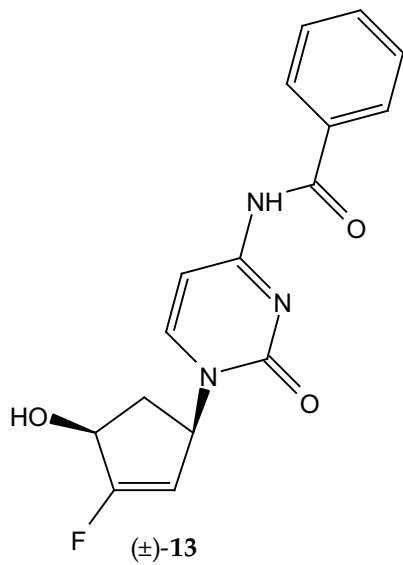
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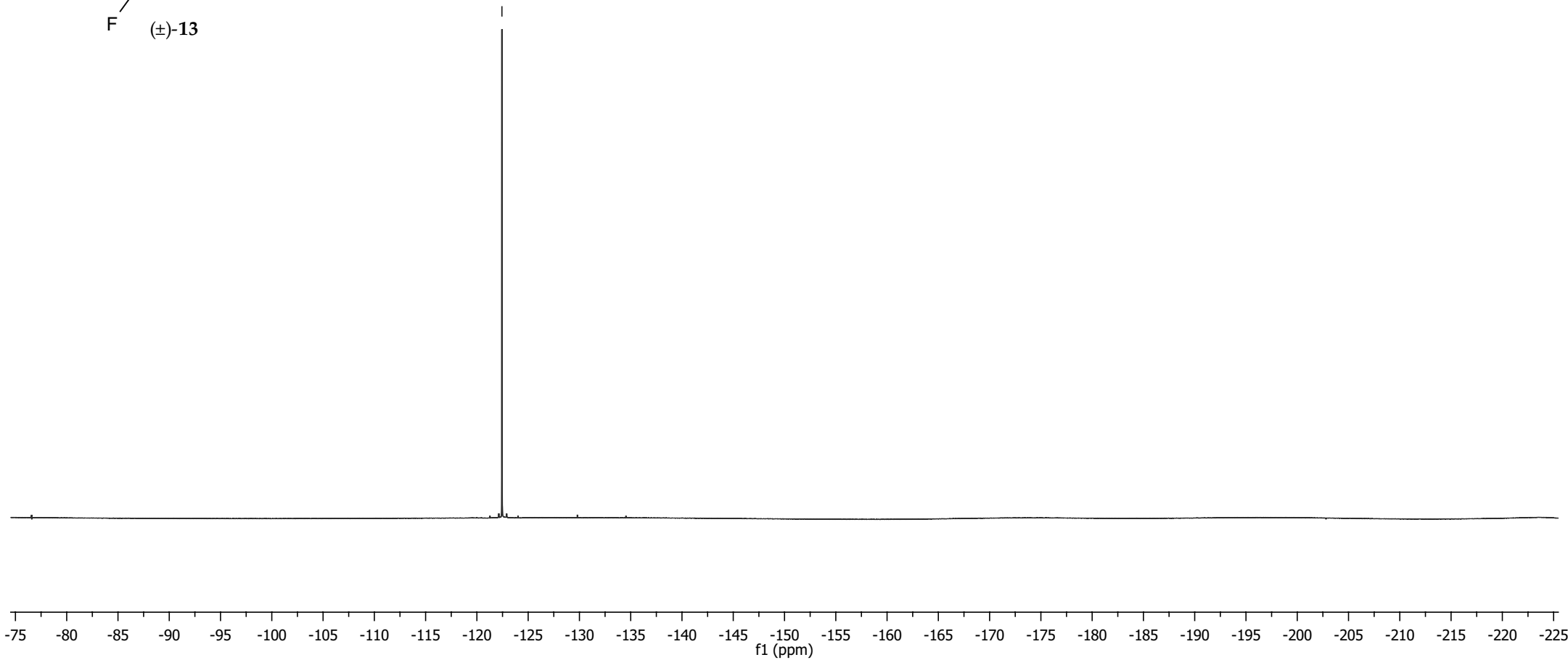


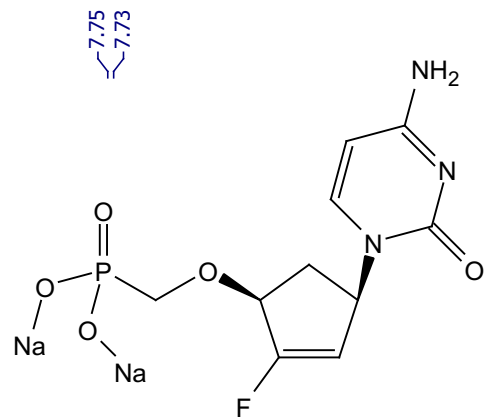




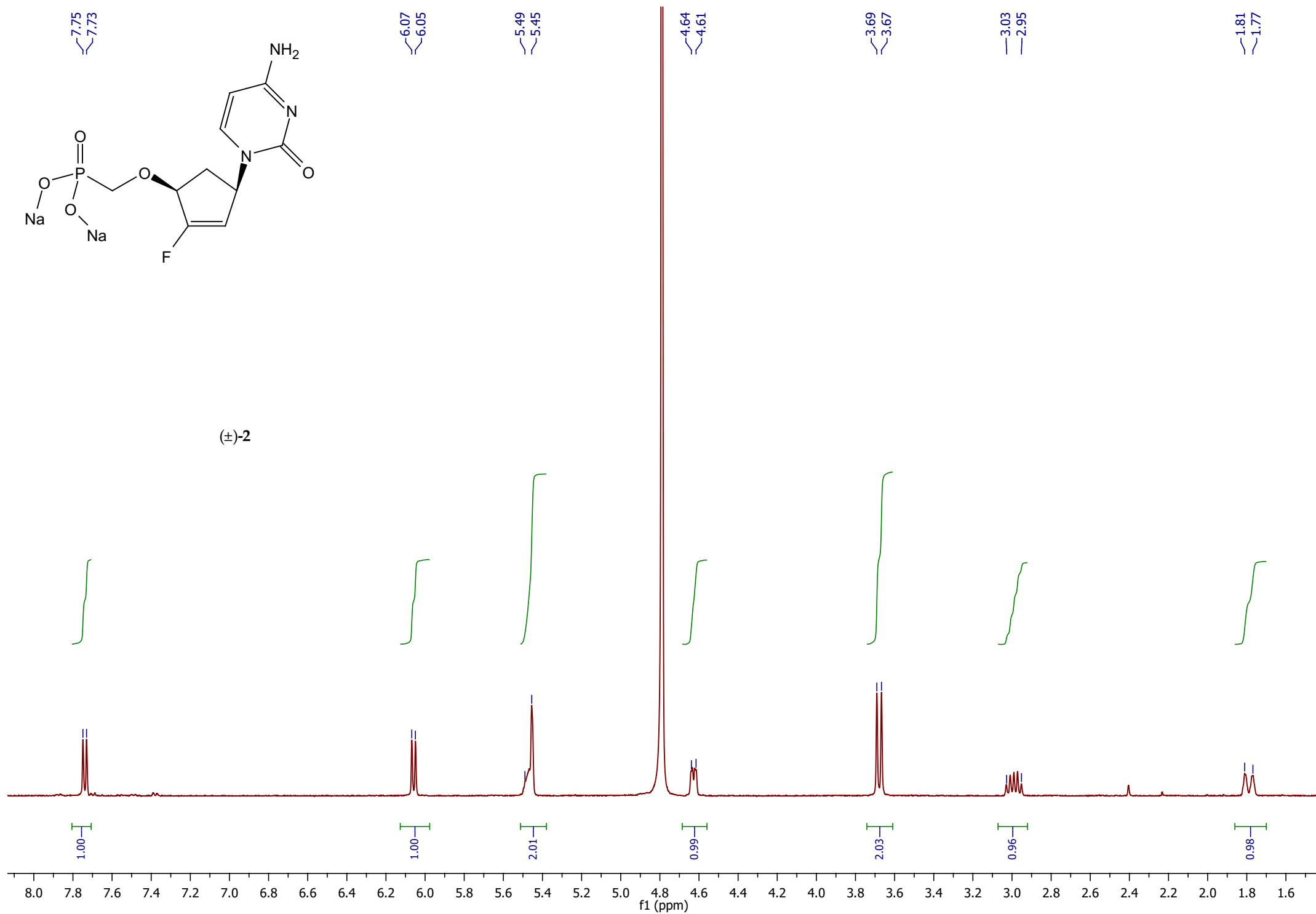


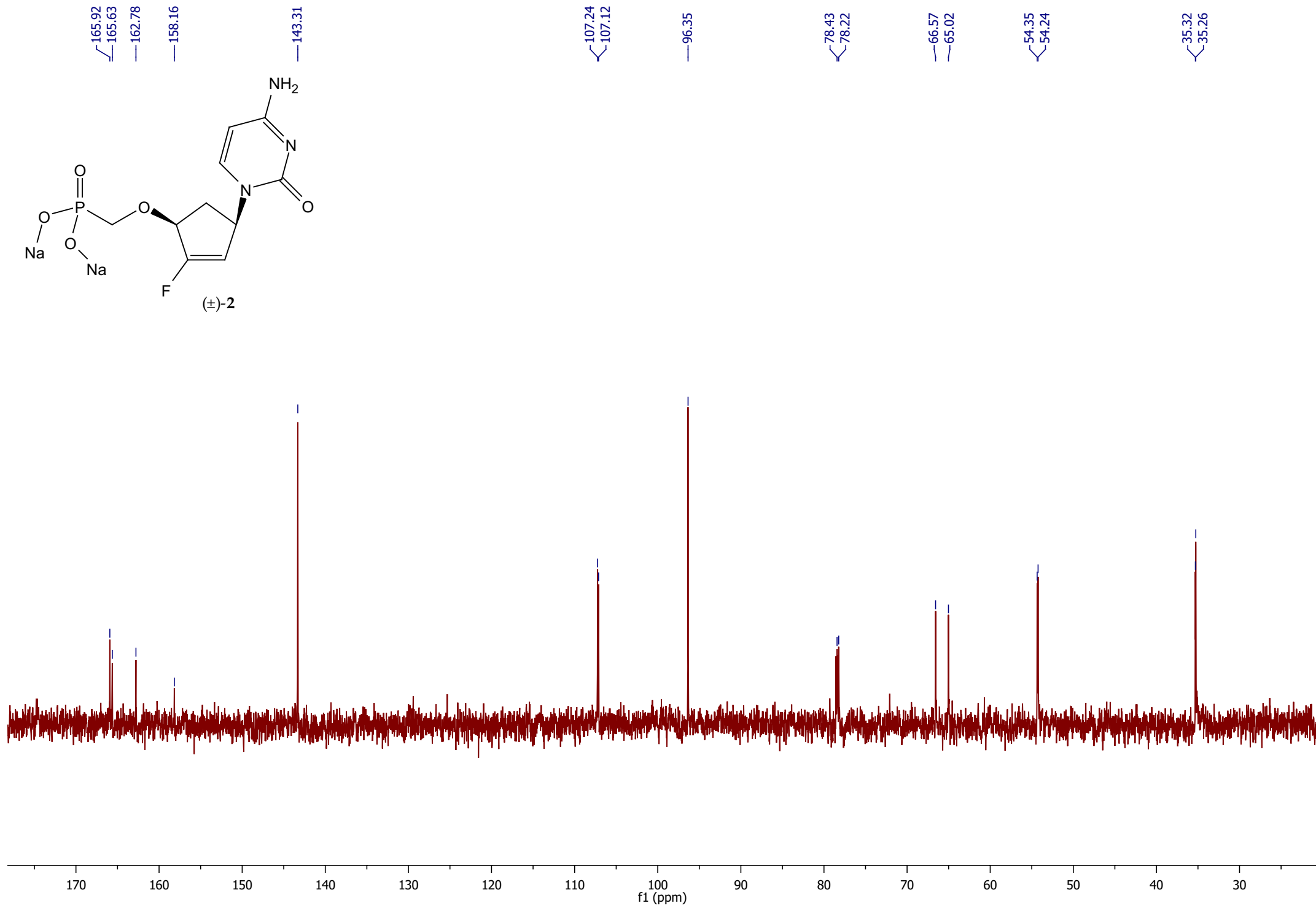
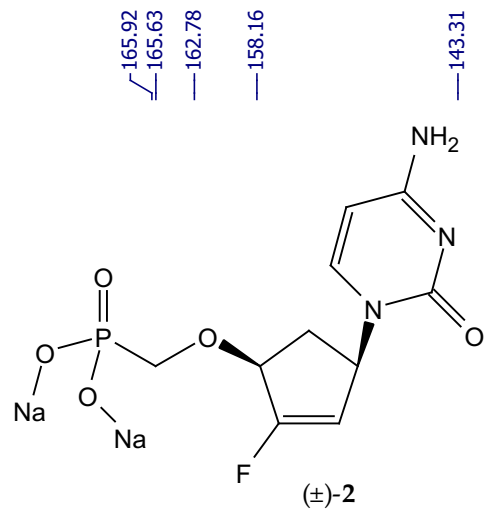
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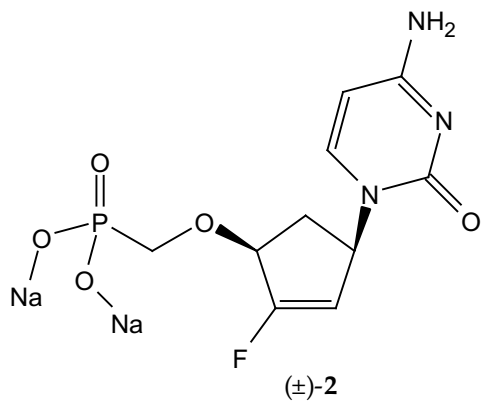




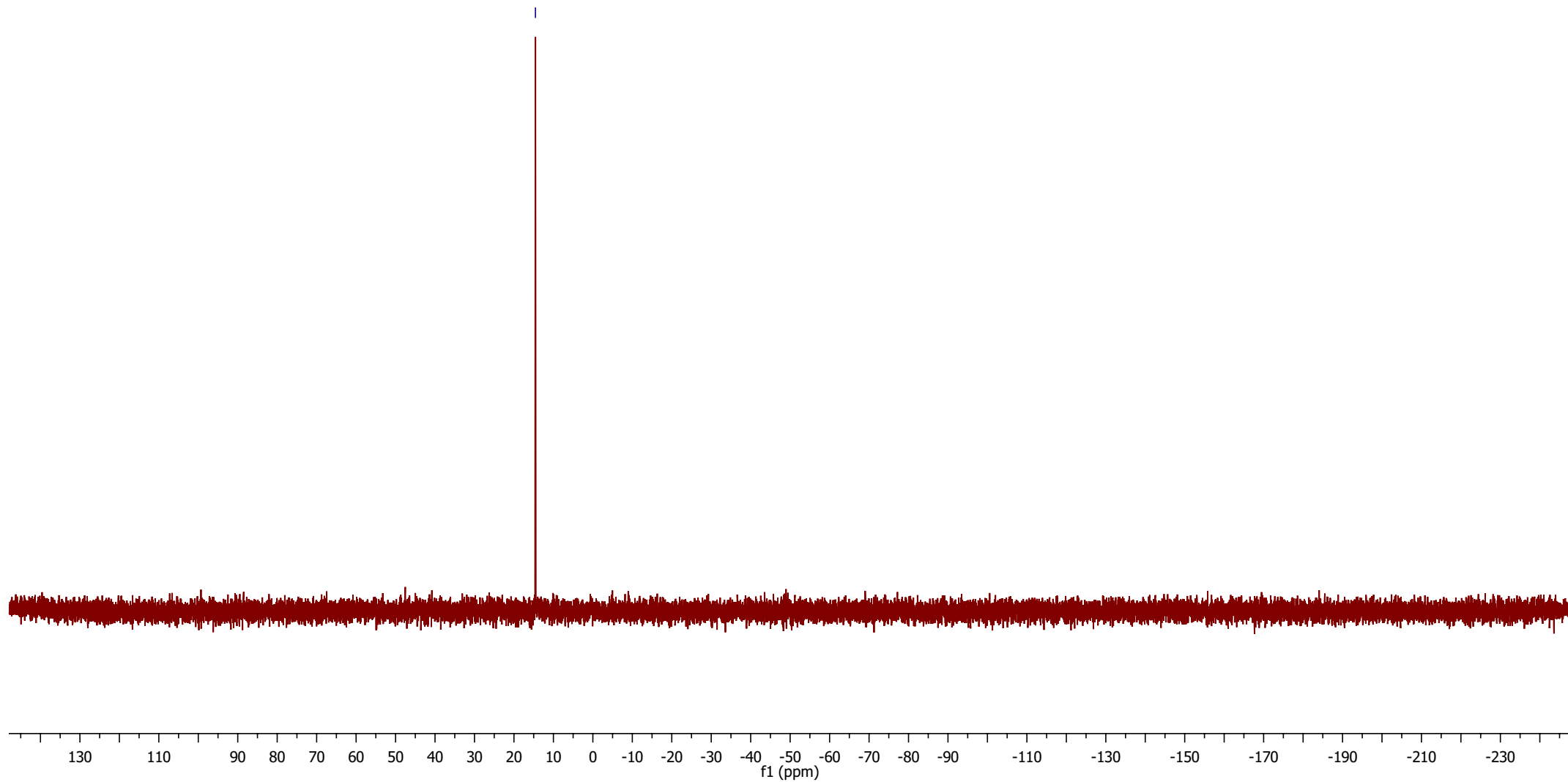
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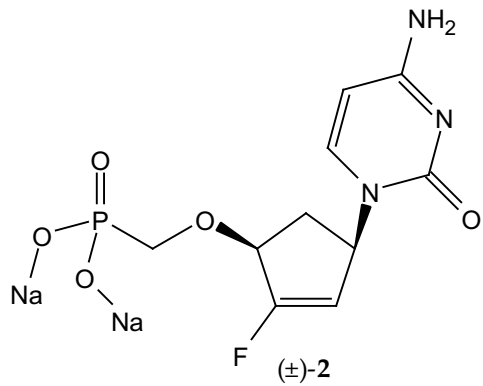






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