

RSC.Advances: Supplementary information

Synthesis, unambiguous chemical characterization, and reactivity of 2,3,4,5-tetrahydro-1,5-benzoxazepines-3-ol

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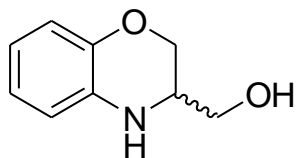
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243845; Tel: +34-958-243850; E-mail: jmcampos@ugr.es

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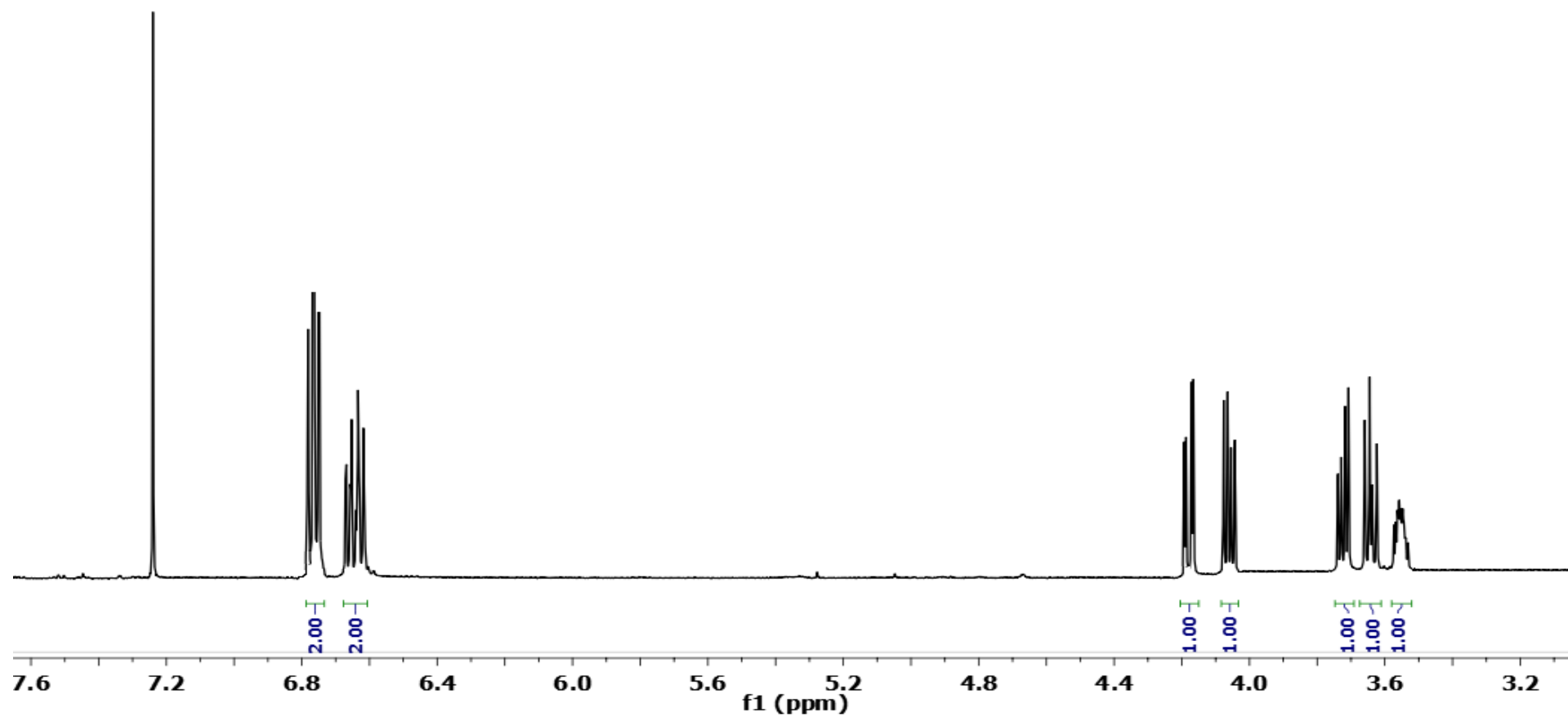
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¹³ C NMR spectrum of 4a	S3
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HSQC spectrum of 4a	S5
HMBC spectrum of 4a	S6
¹ H NMR spectrum of 4d	S7
¹³ C NMR spectrum of 4d	S8
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HSQC spectrum of 4d	S10
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¹³ C NMR spectrum of 4e	S13
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S2



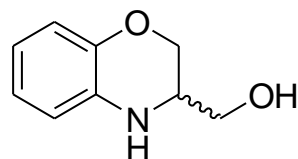
4a

500 MHz, CDCl₃

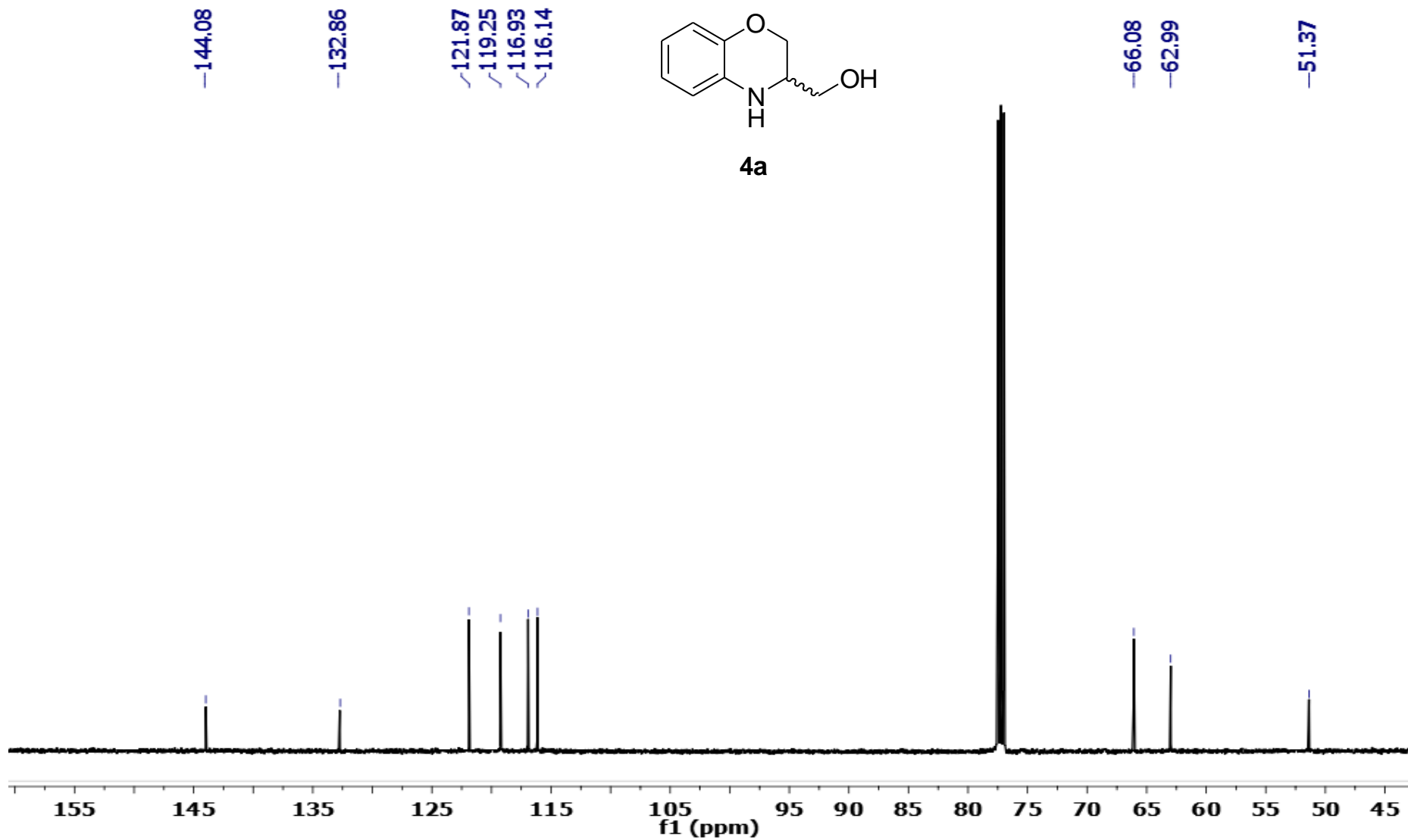


S 3

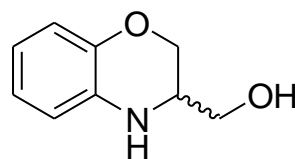
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4a



S 4



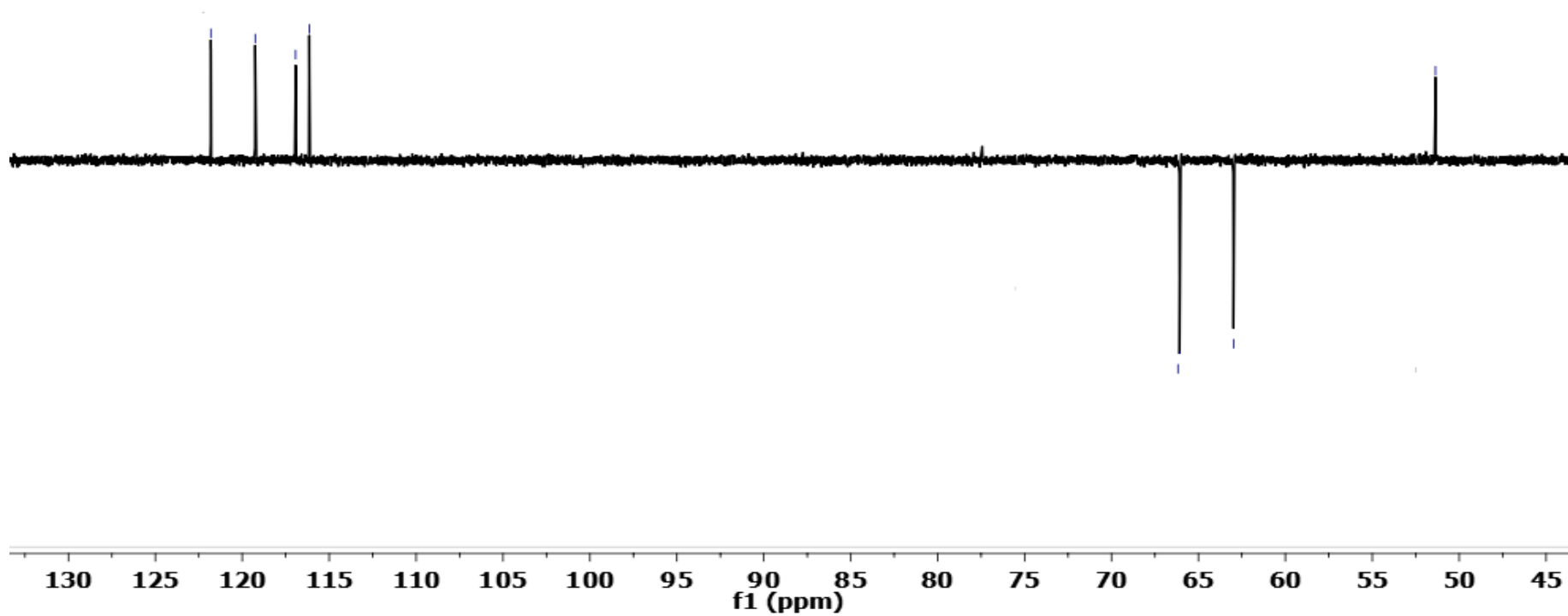
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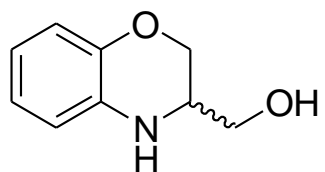
121.87
119.25
116.93
116.14

66.08
62.99

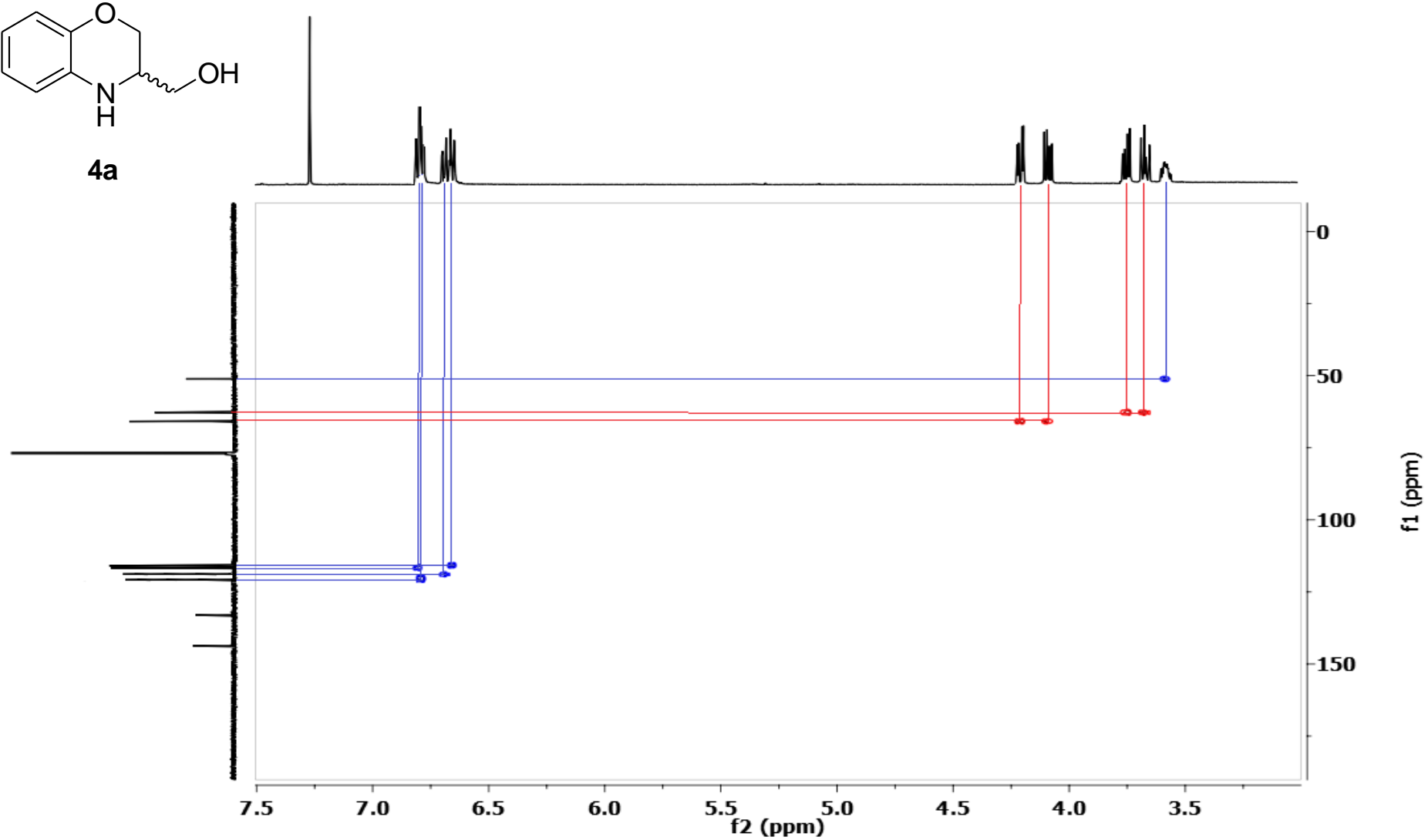
51.37



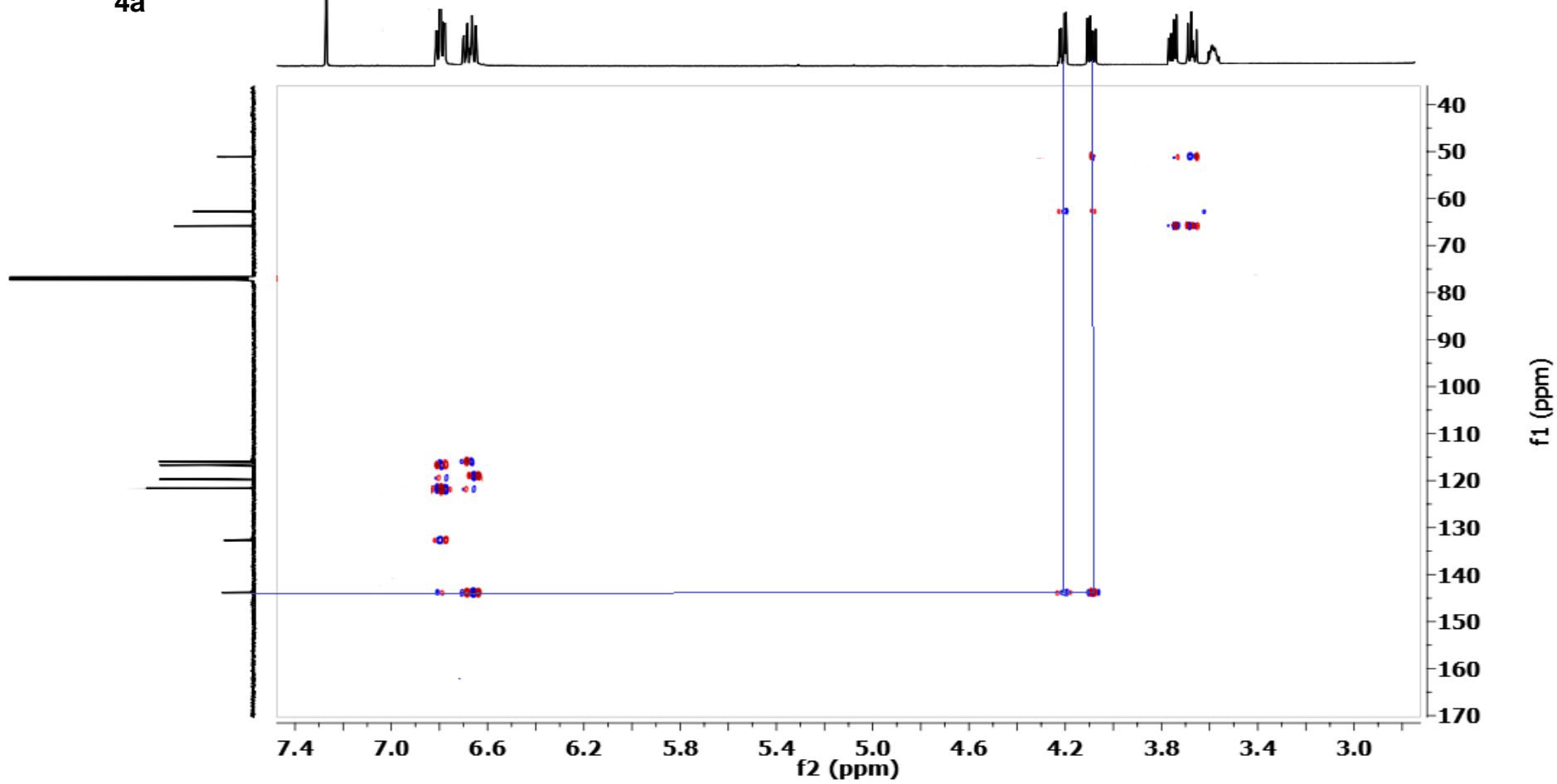
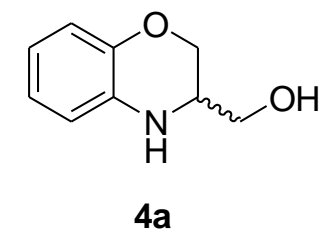
500 MHz, CDCl₃



4a

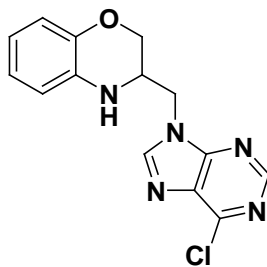


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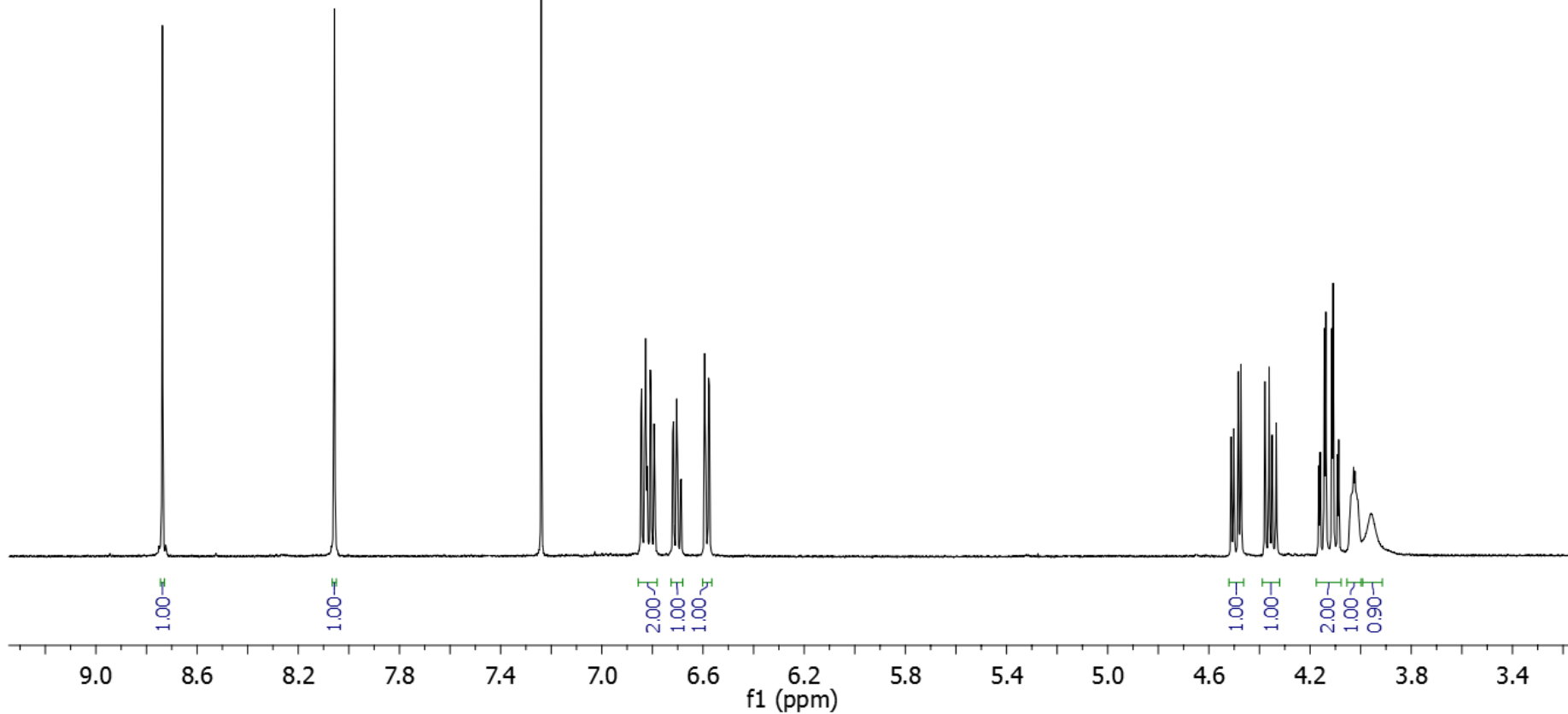


S 7

500 MHz, CDCl₃

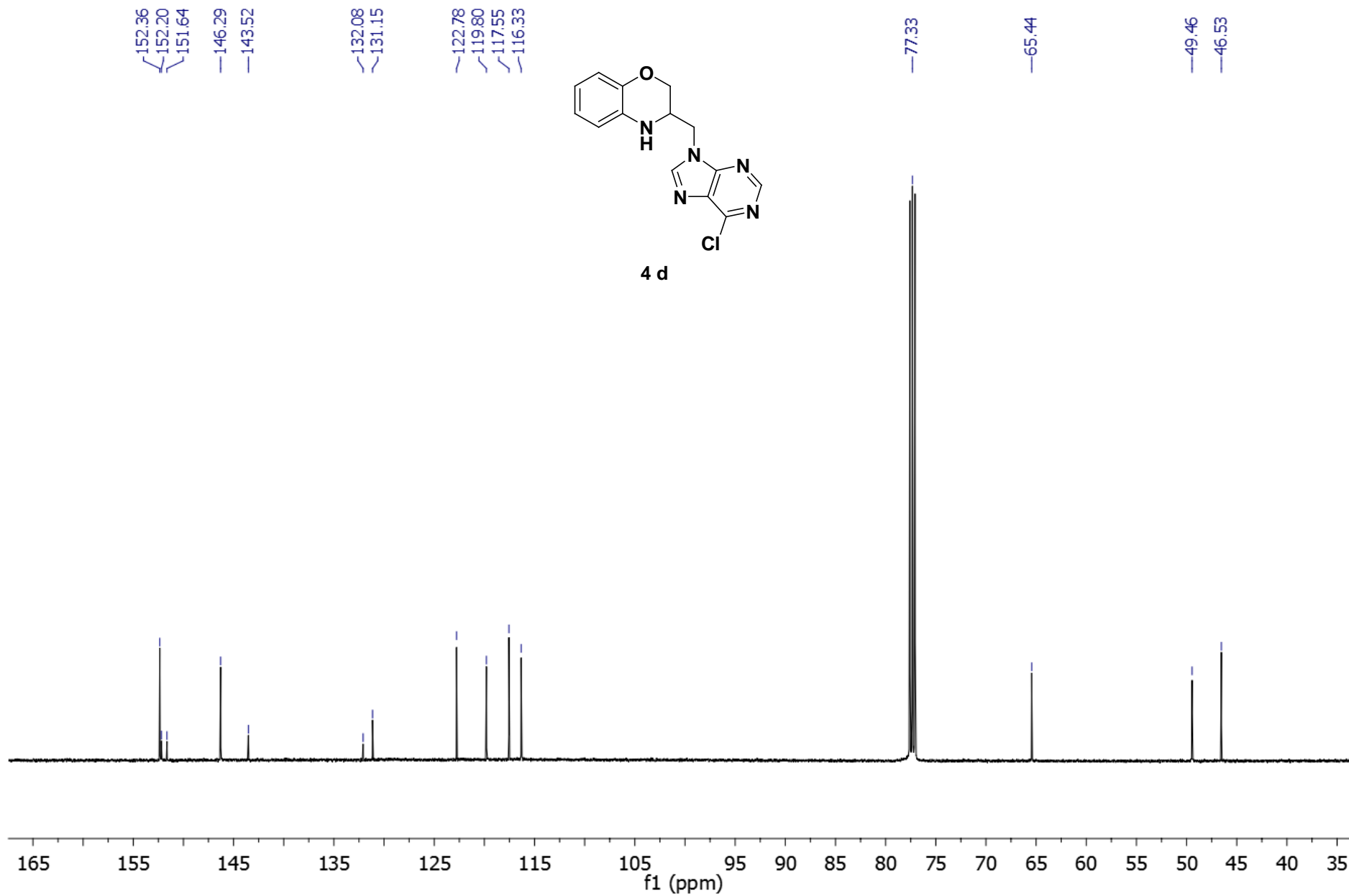


4 d



S 8

500 MHz, CDCl₃



S 9

500 MHz, CDCl₃

—152.36

—146.29

—122.78

—119.80

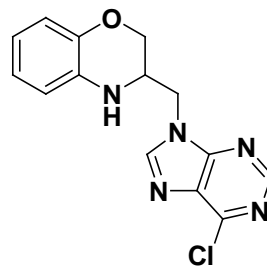
—117.55

—116.33

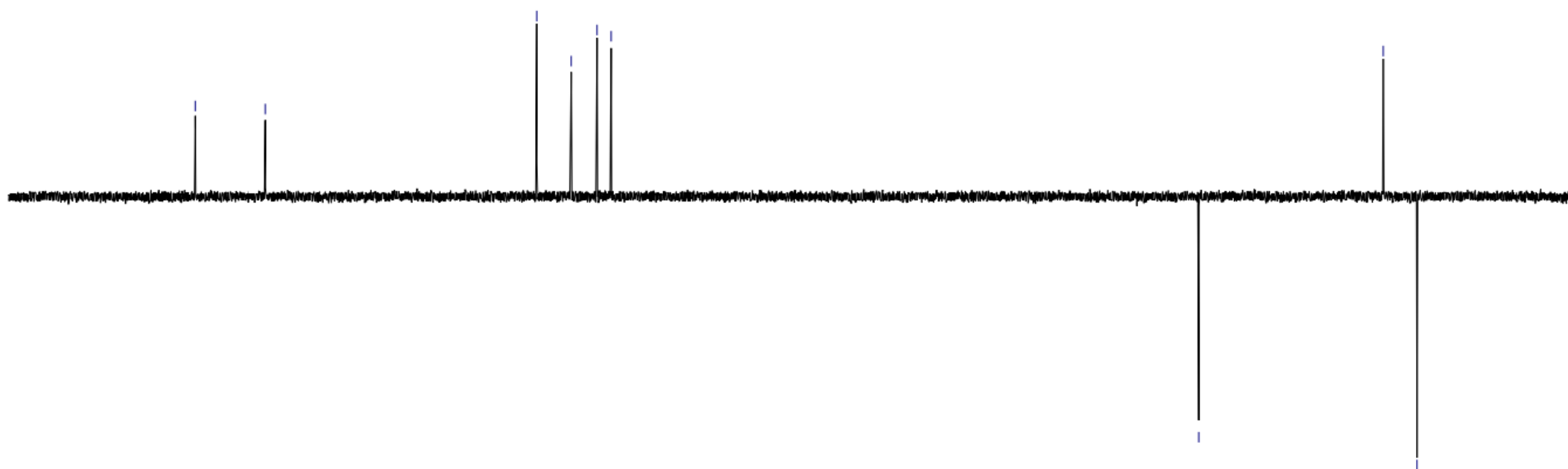
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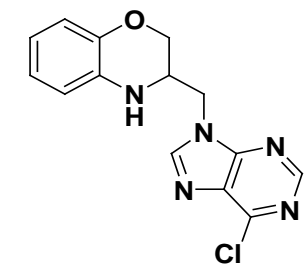
—49.46

—46.53

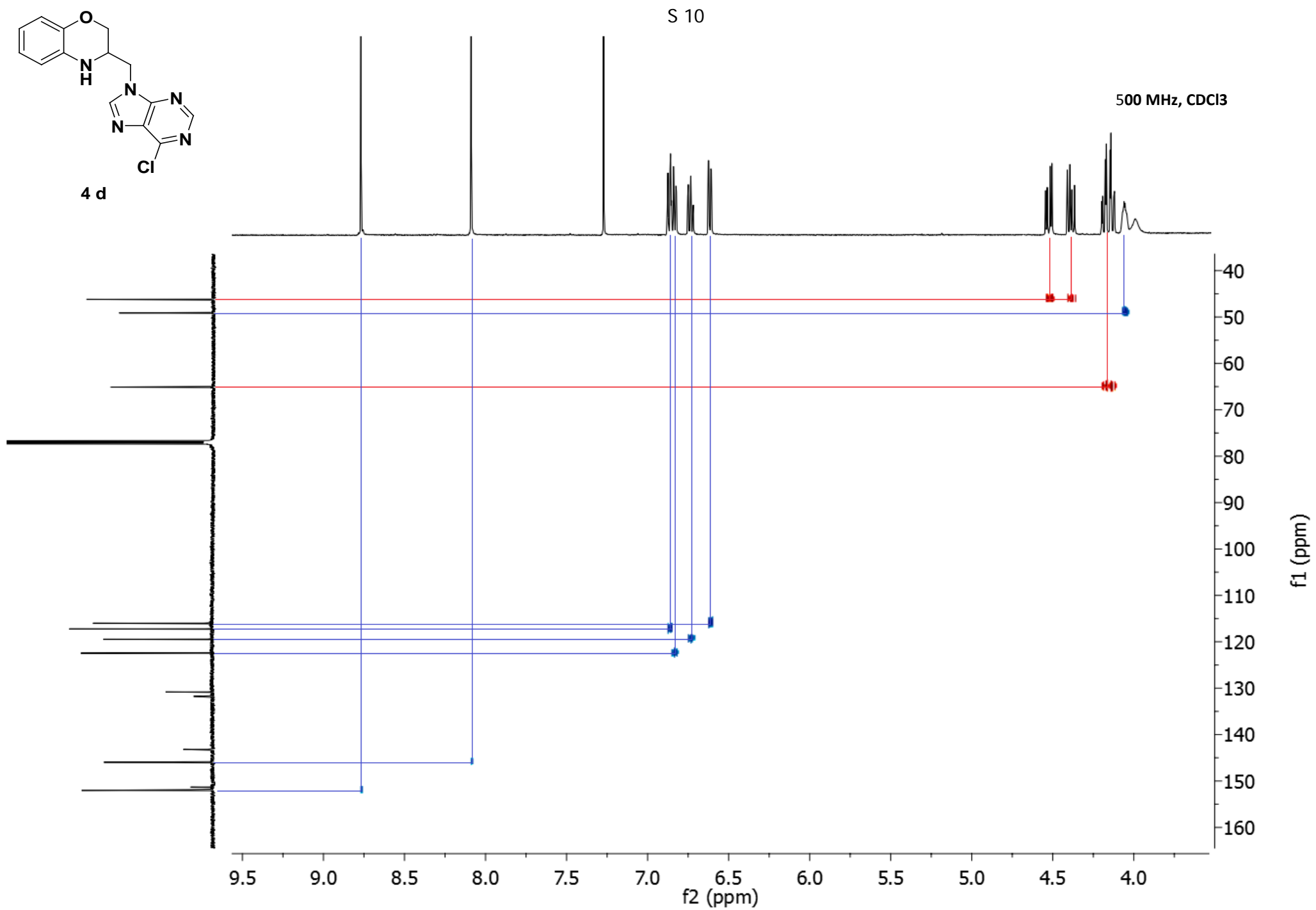


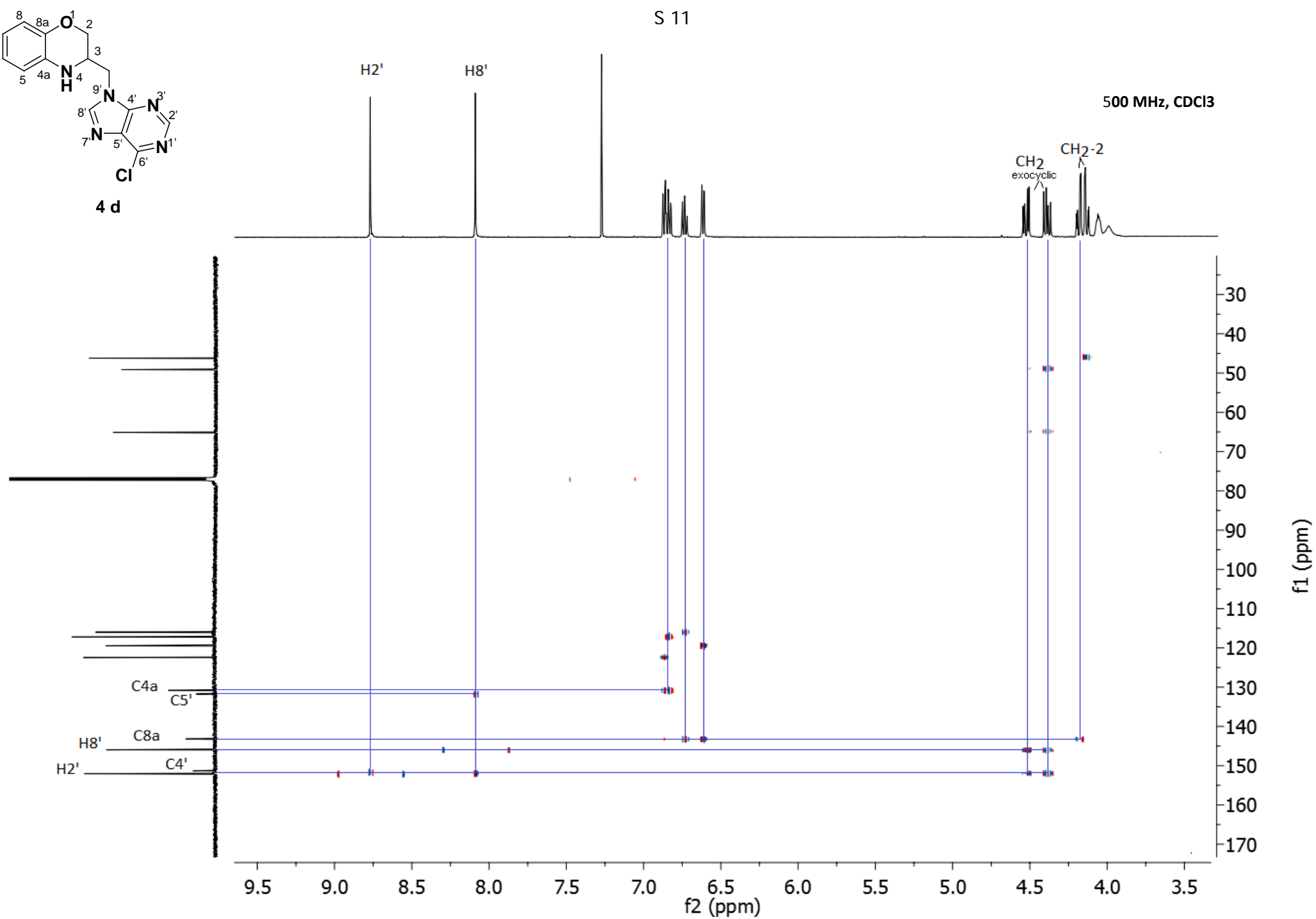
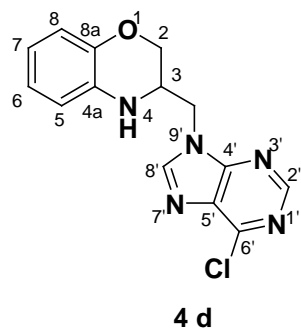
4 d





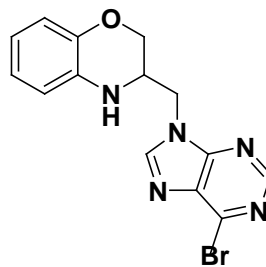
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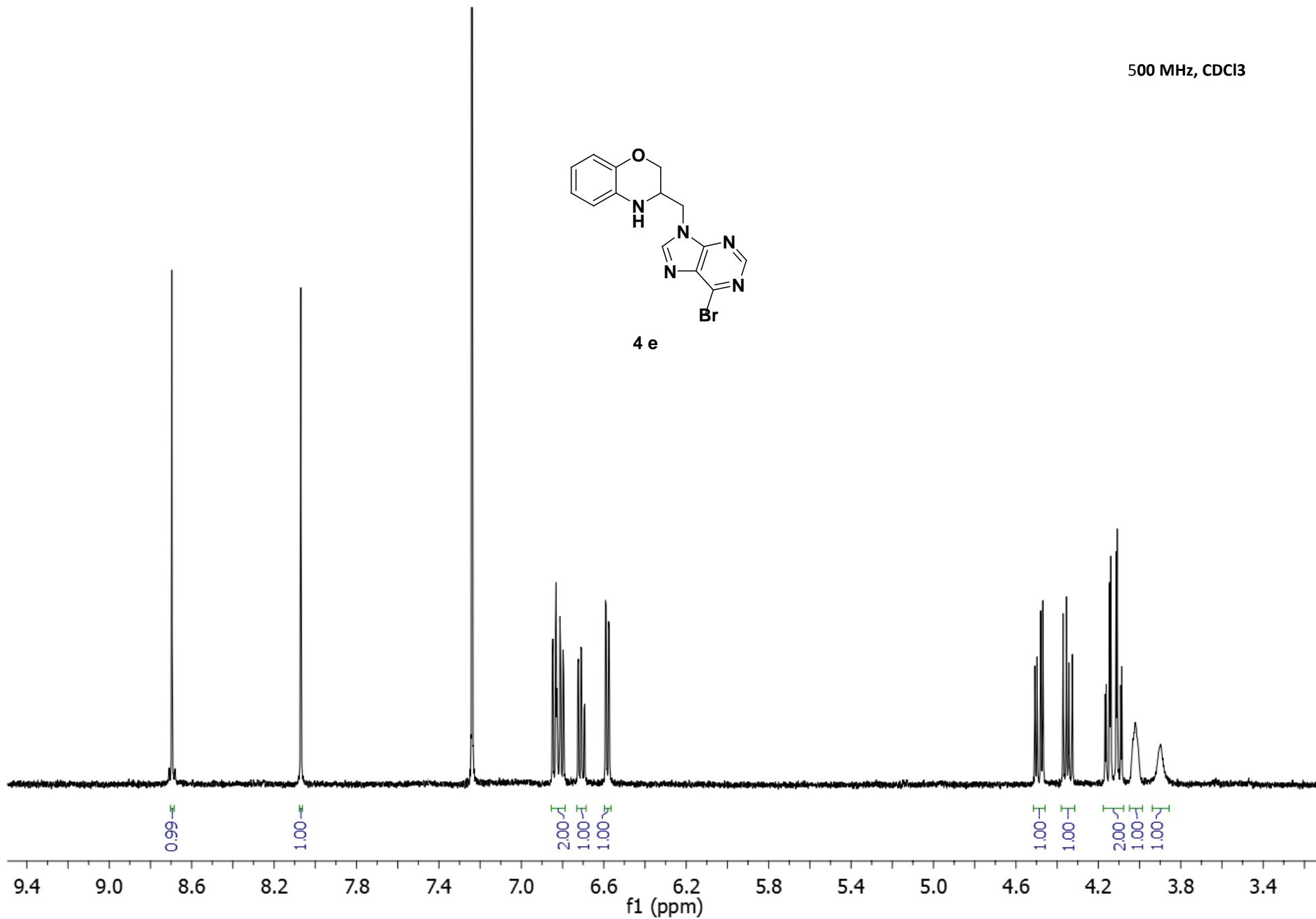


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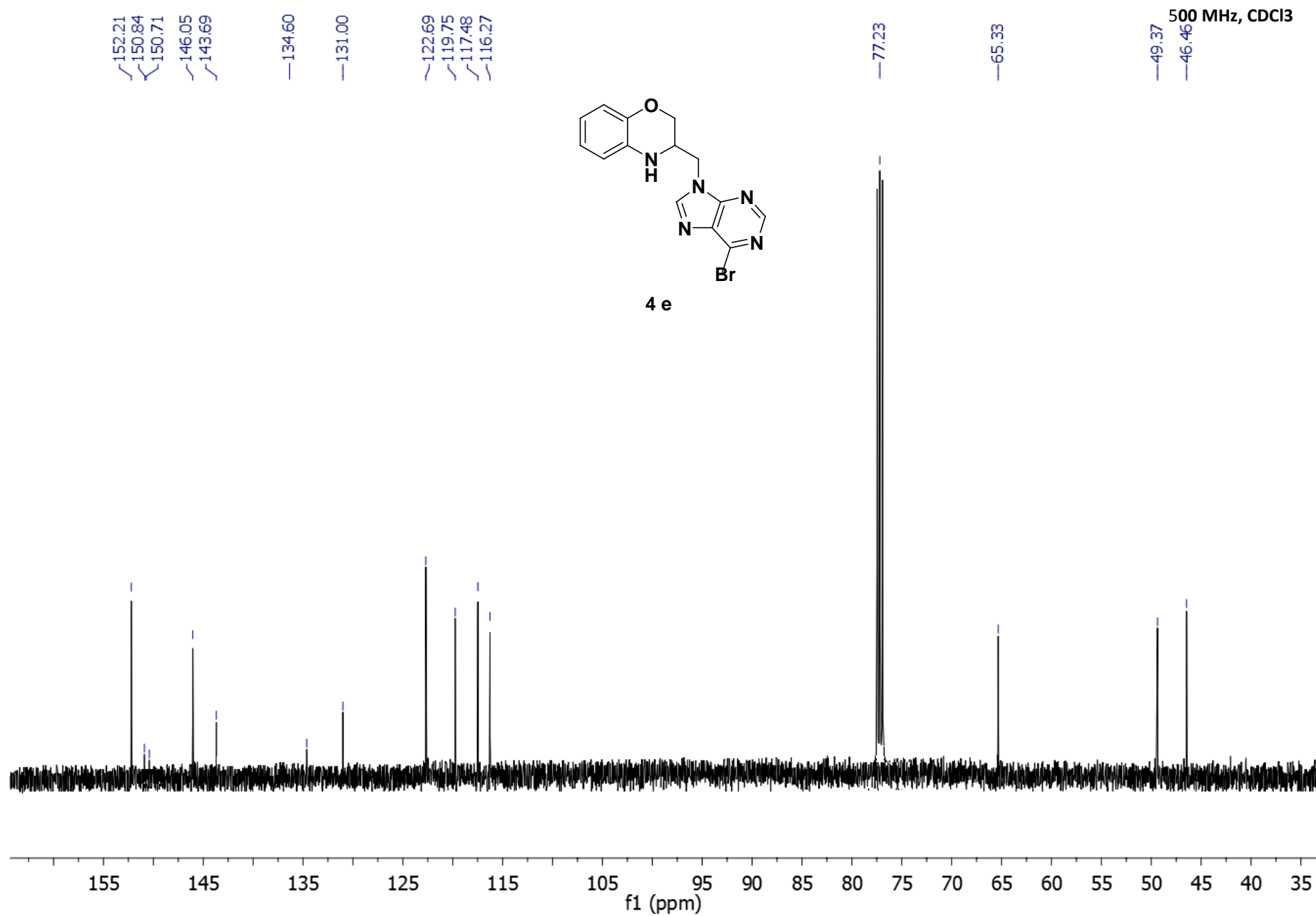
500 MHz, CDCl₃



4 e



S 13



S 14

500 MHz, CDCl₃

—152.21

—146.05

—122.69

—119.75

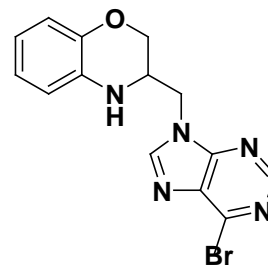
—117.48

—116.27

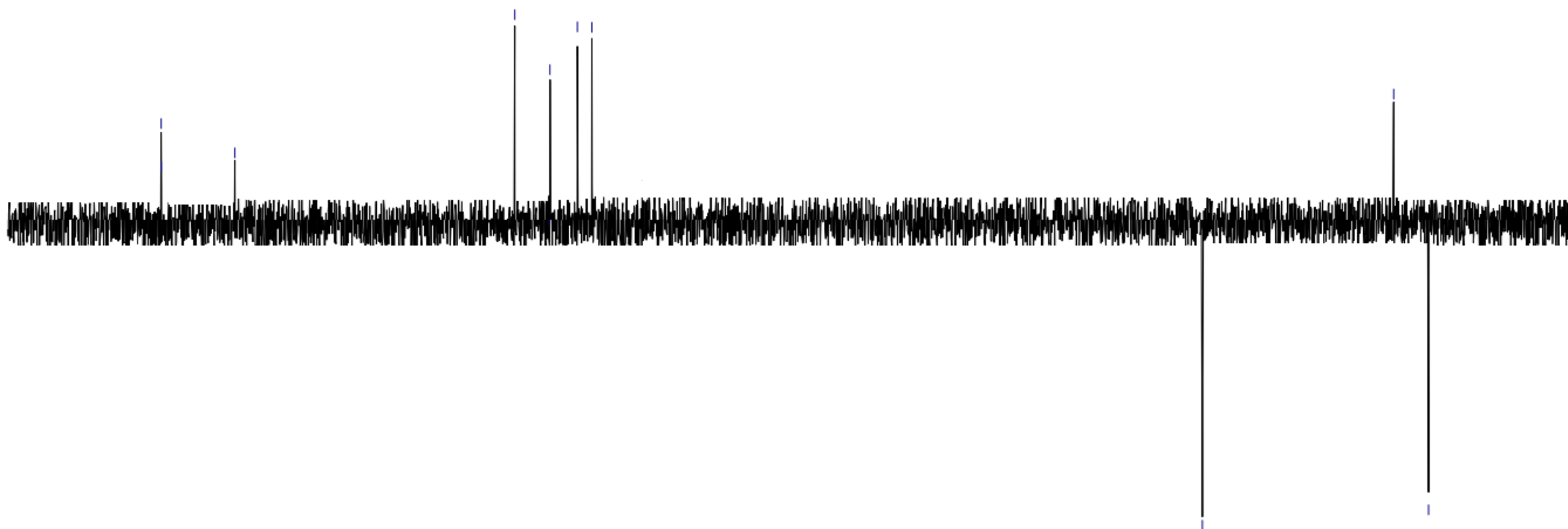
—65.33

—49.37

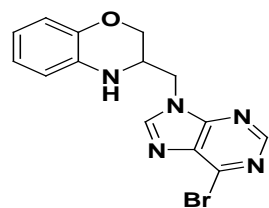
—46.46



4 e

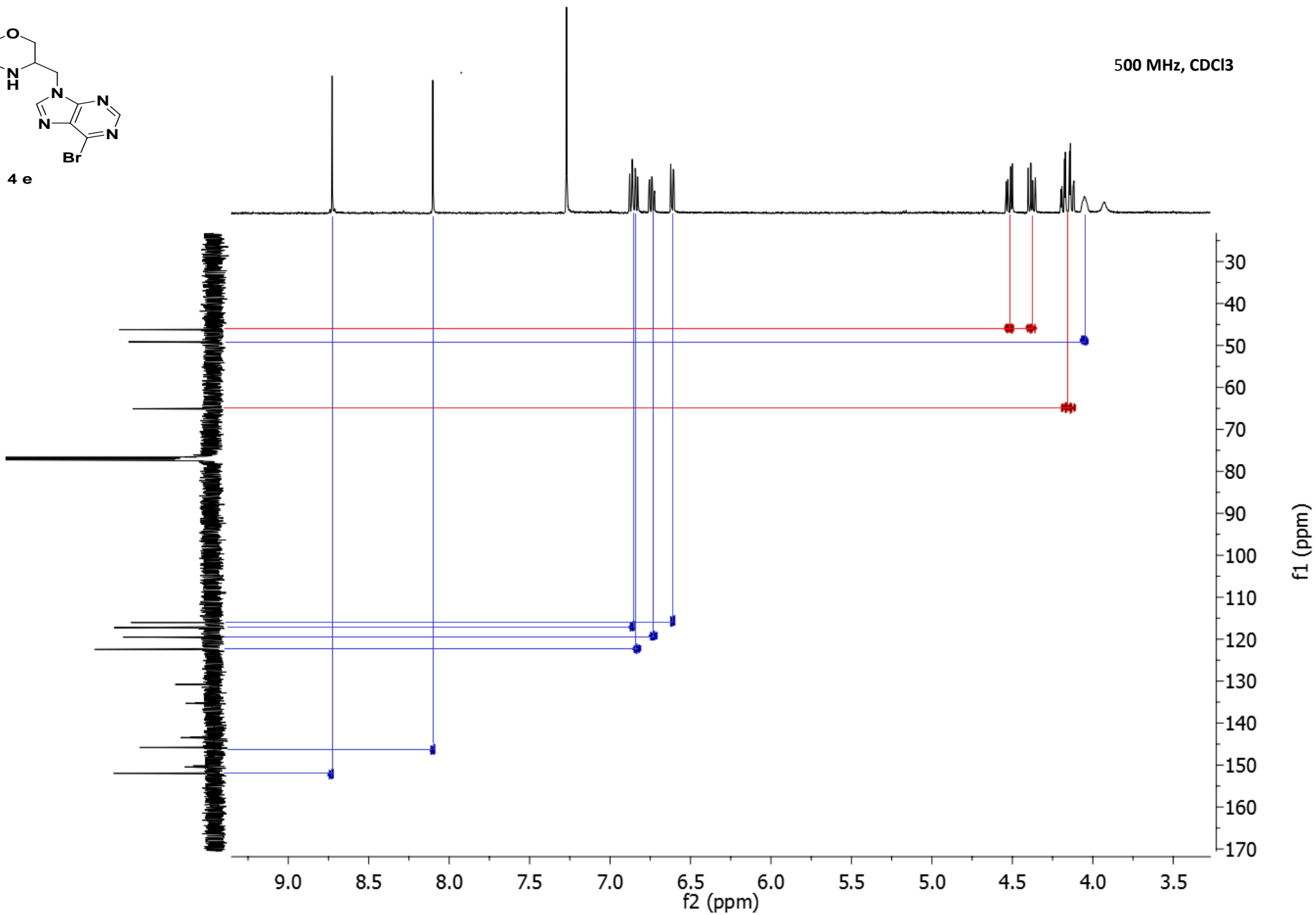


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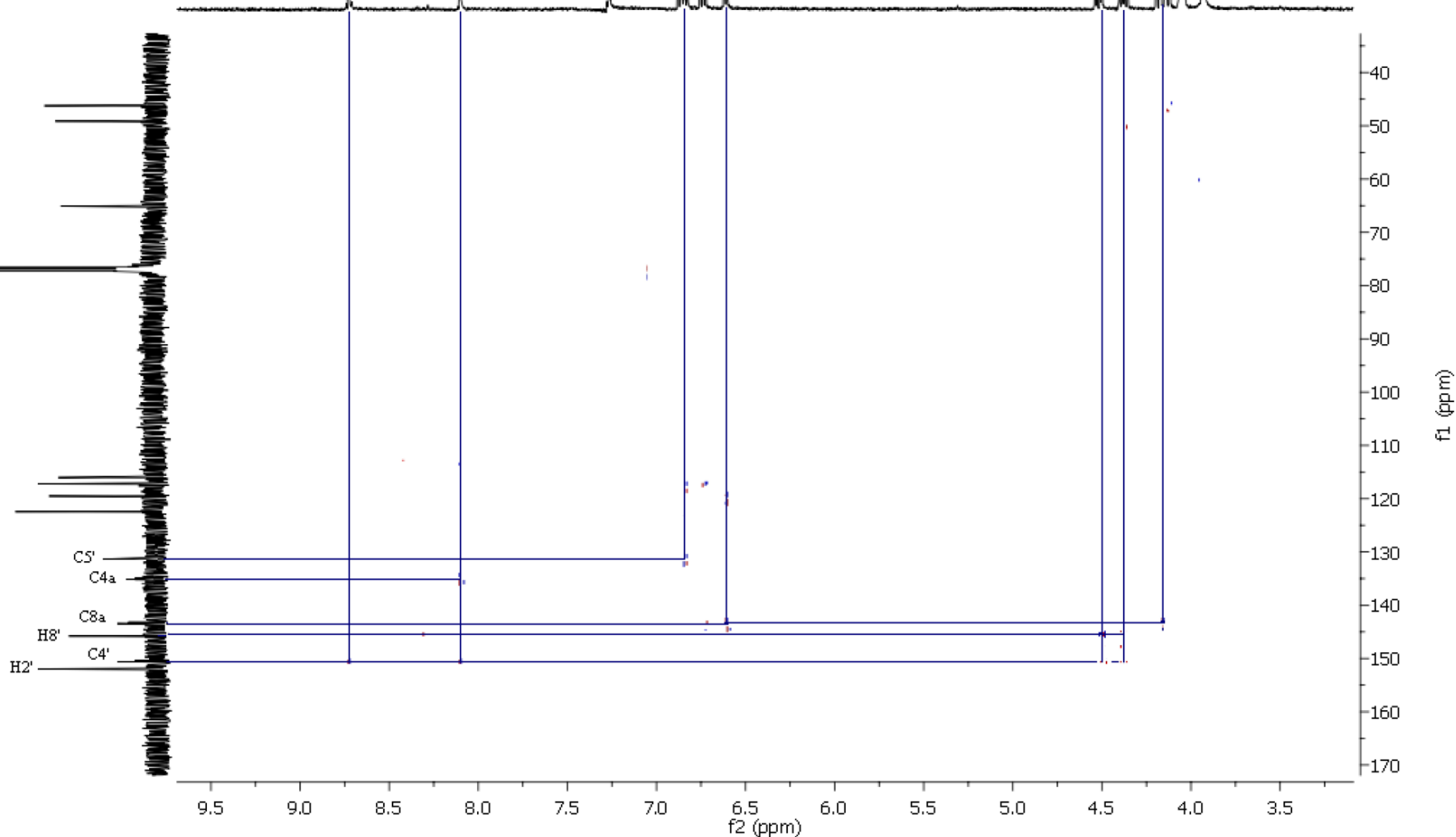
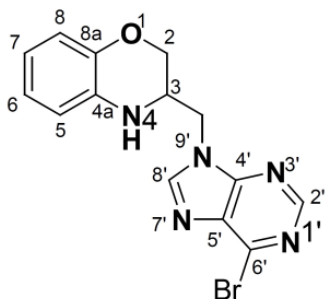


4 e

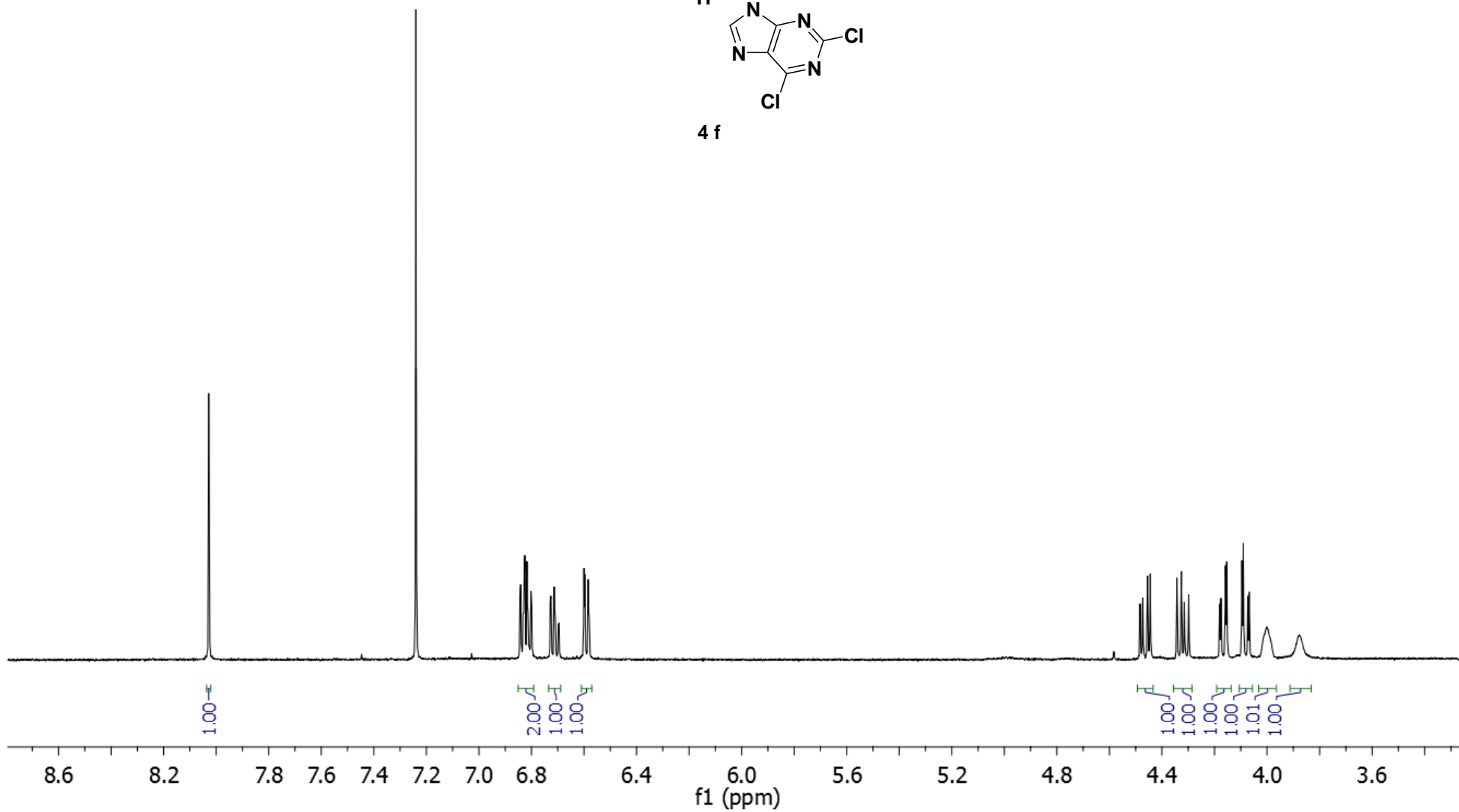
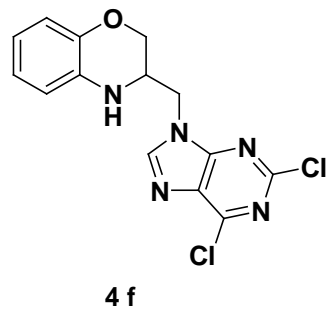
500 MHz, CDCl₃



500 MHz, CDCl₃

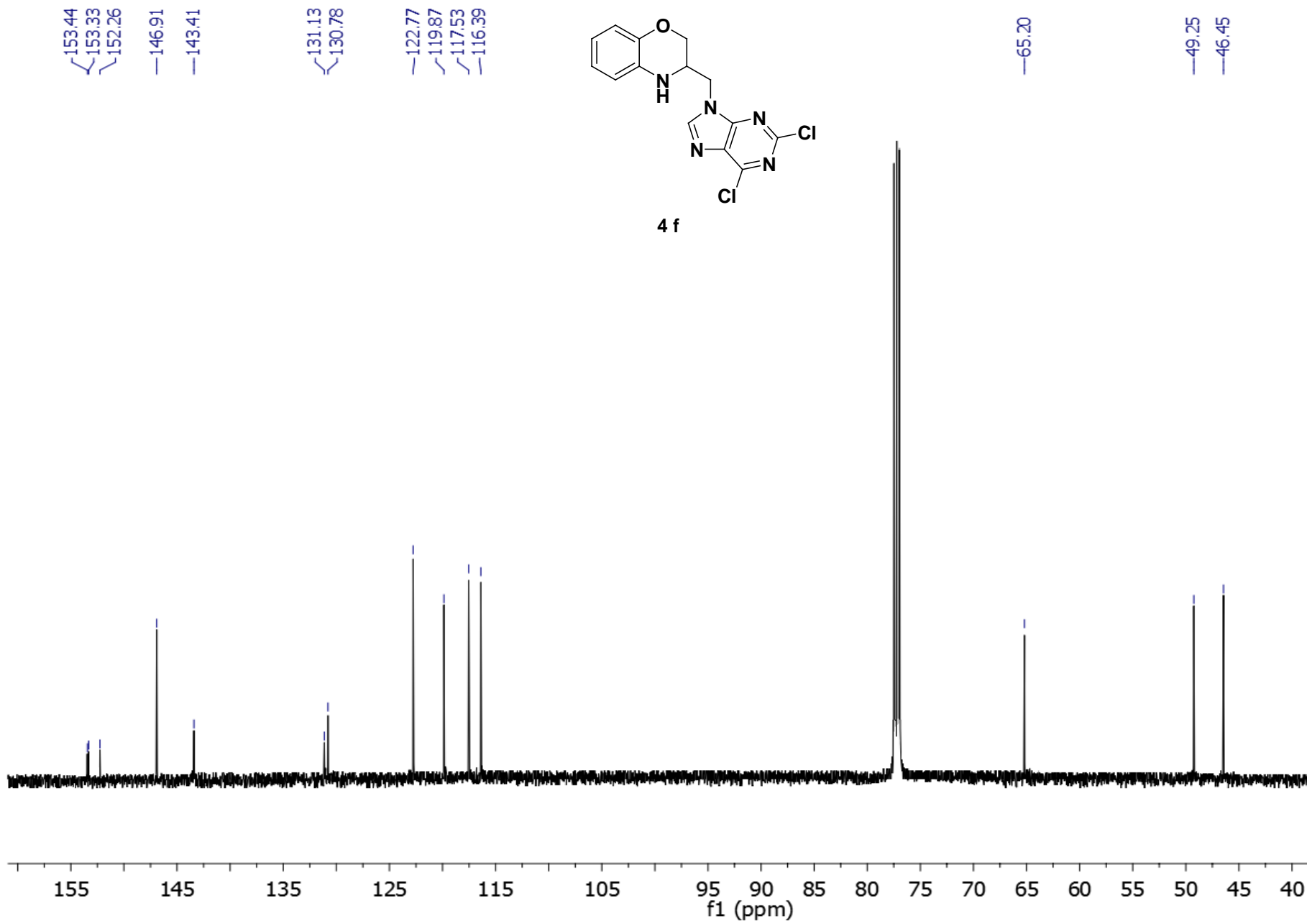


500 MHz, CDCl₃



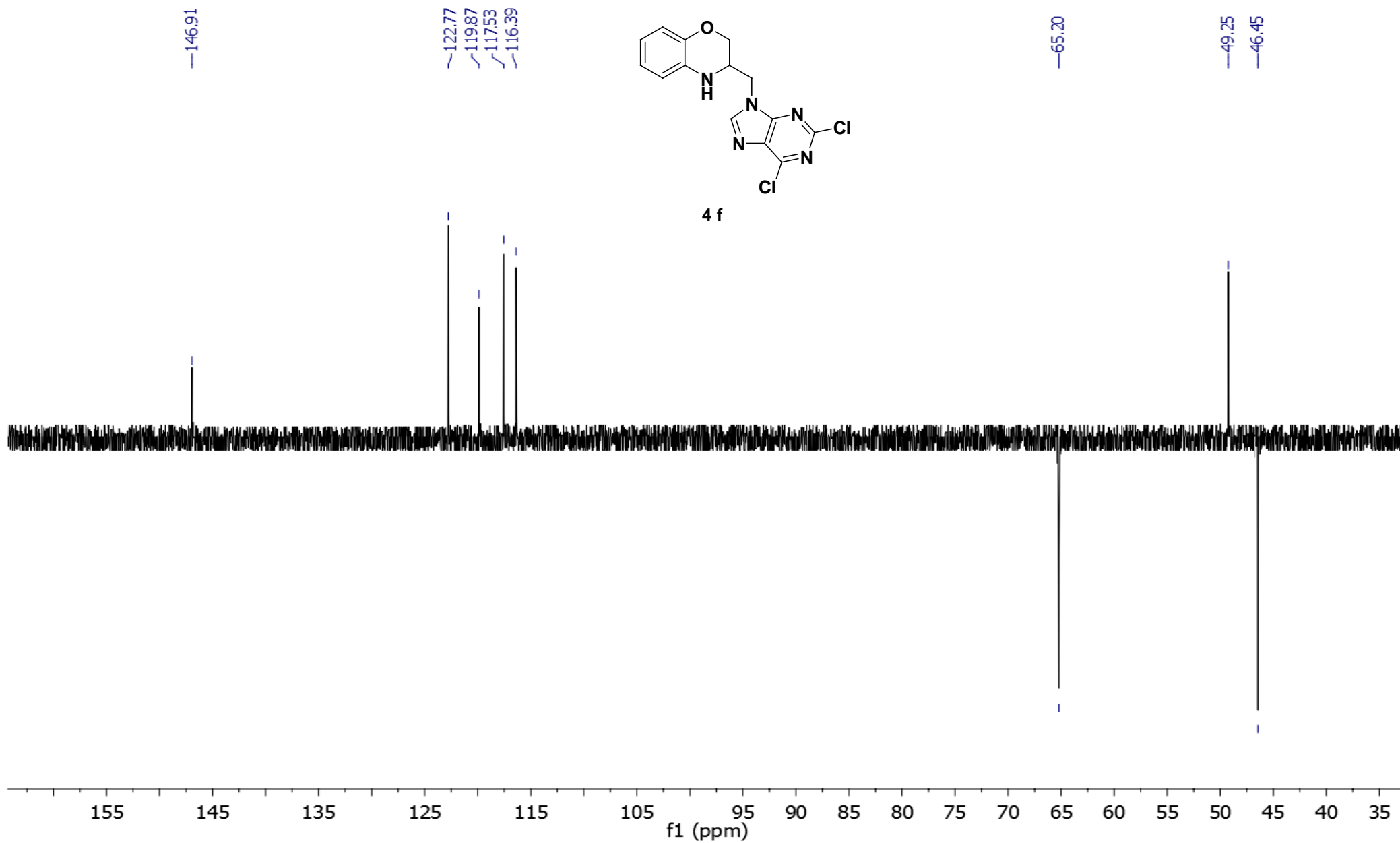
S 18

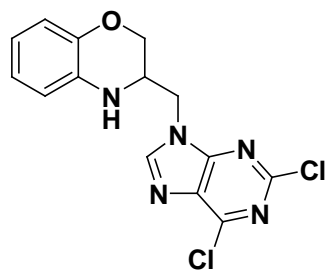
500 MHz, CDCl₃



S 19

500 MHz, CDCl₃

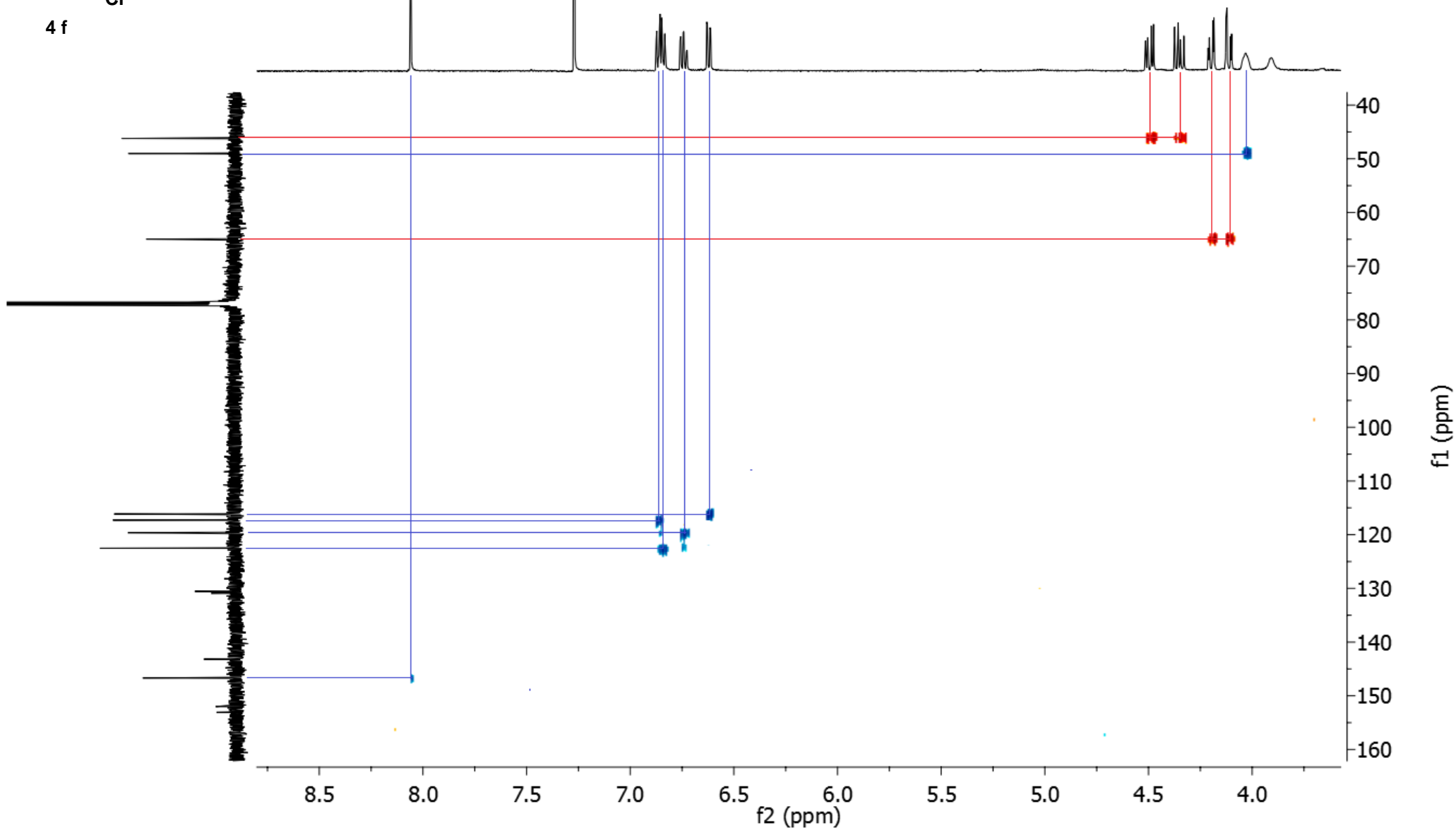


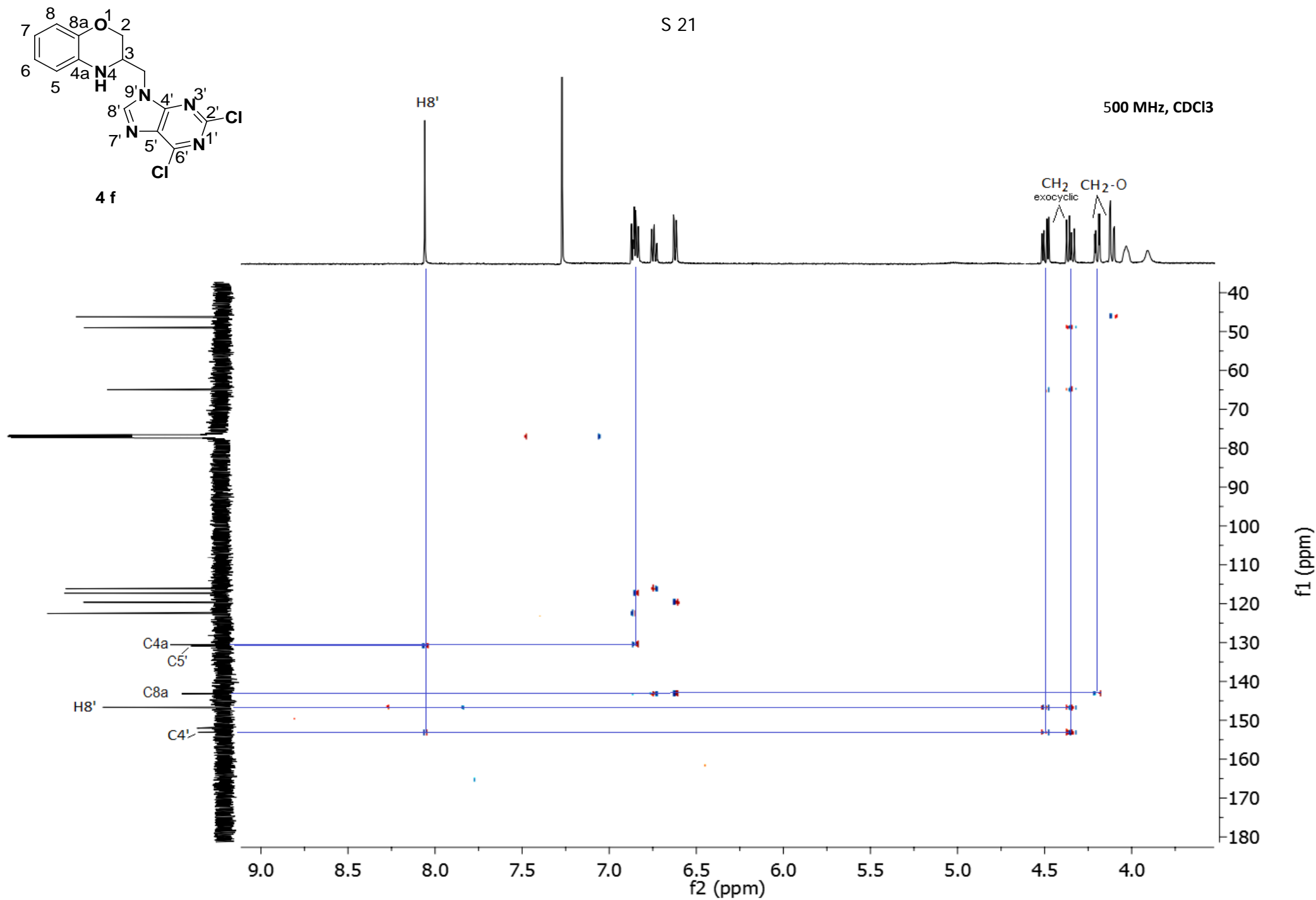


4 f

S 20

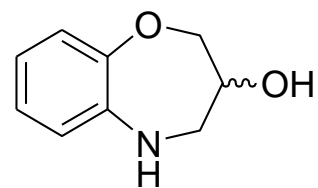
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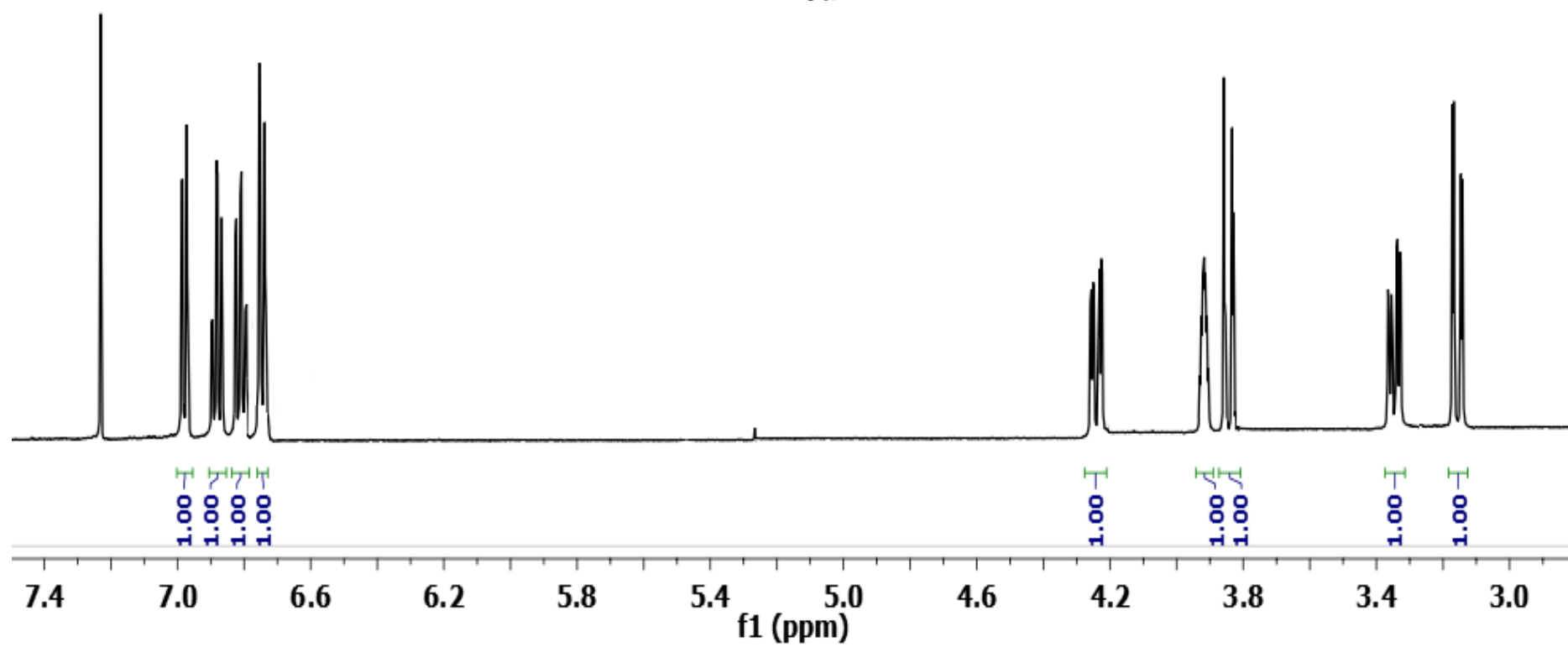


S 22

500 MHz, CDCl₃

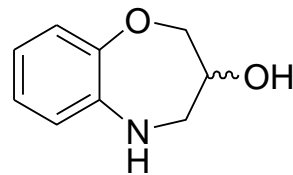


5a

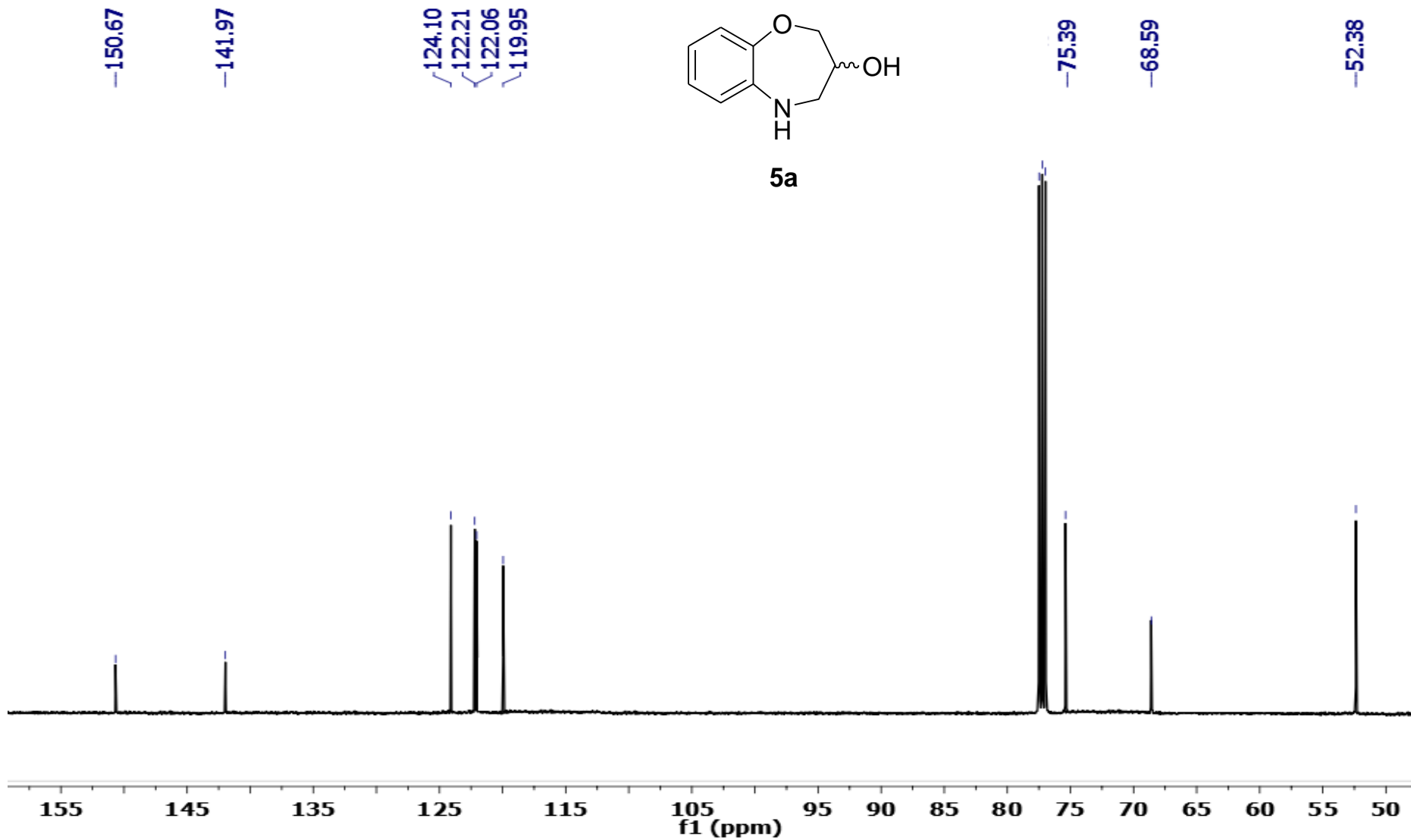


S 23

500 MHz, CDCl₃

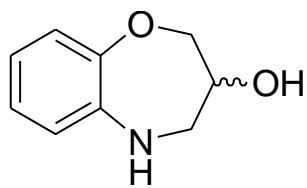


5a

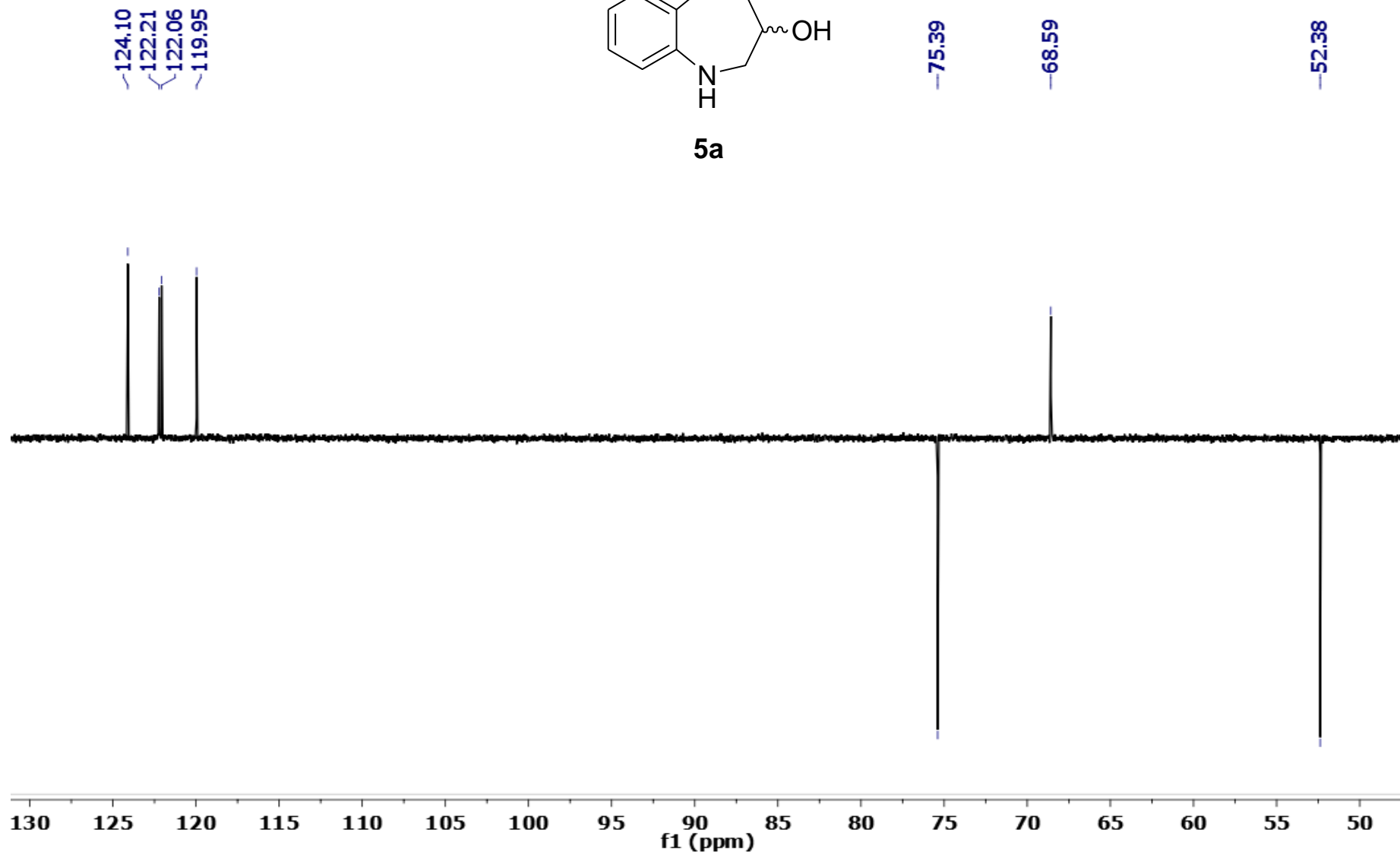


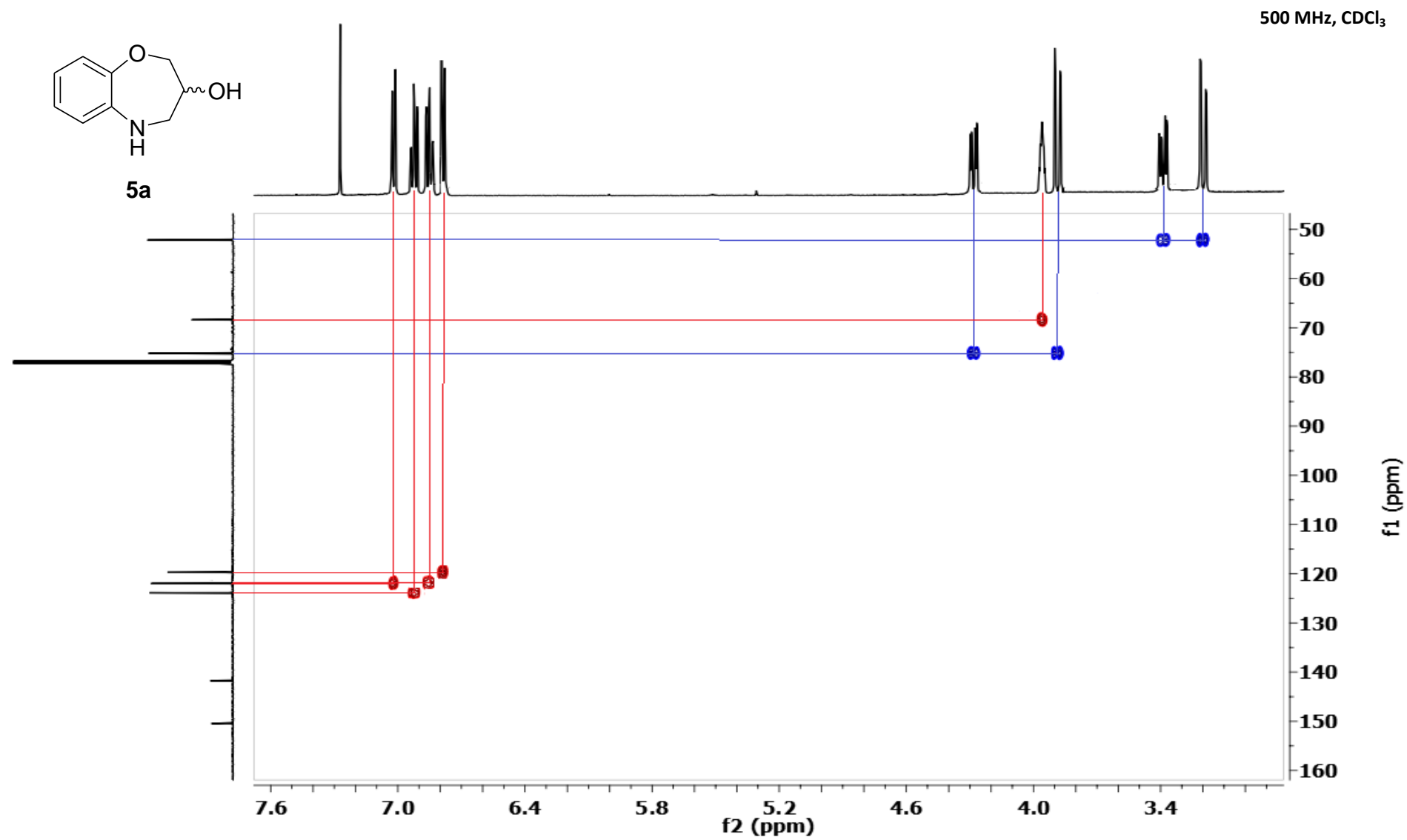
S 24

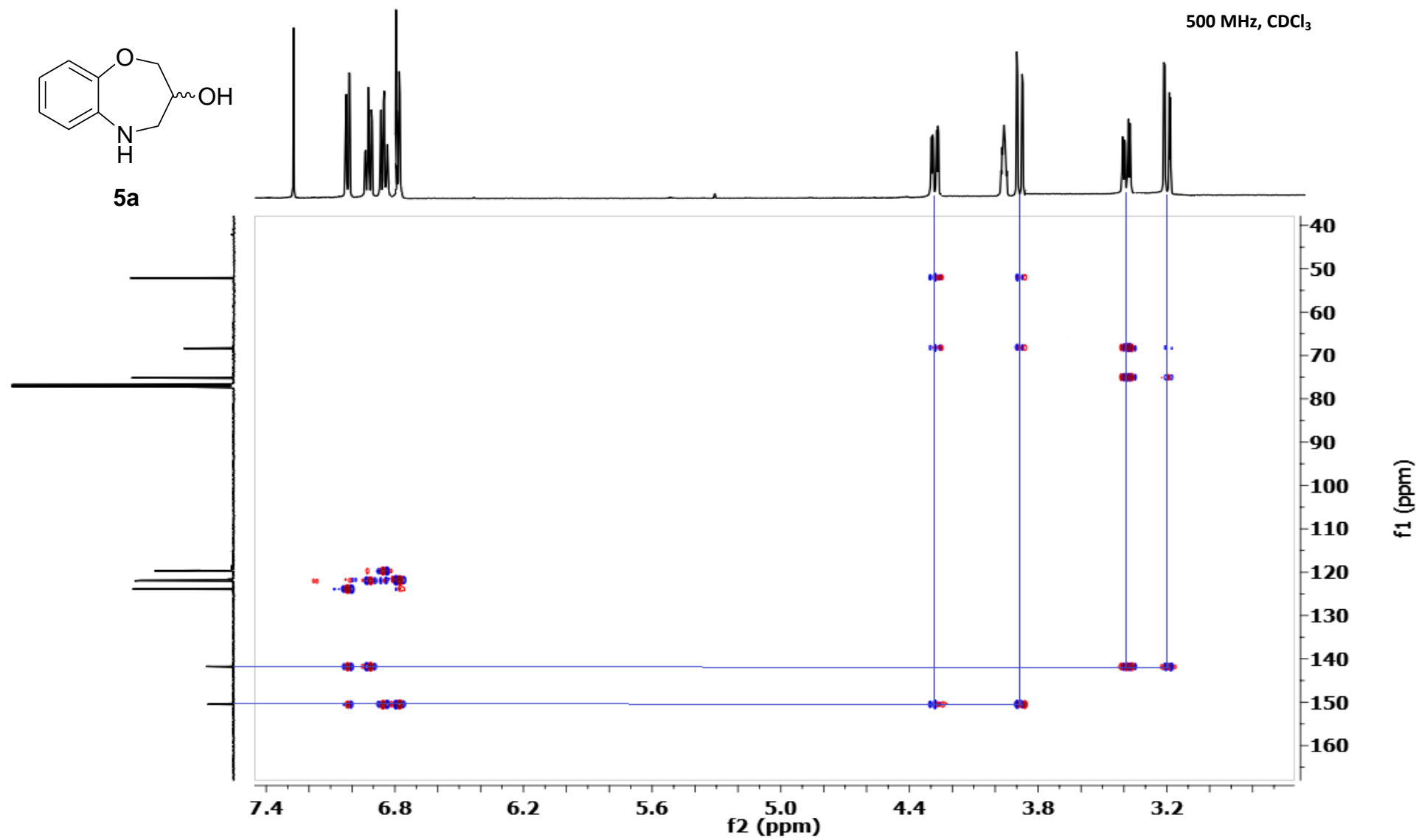
500 MHz, CDCl₃



5a

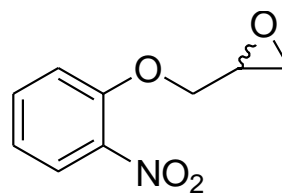




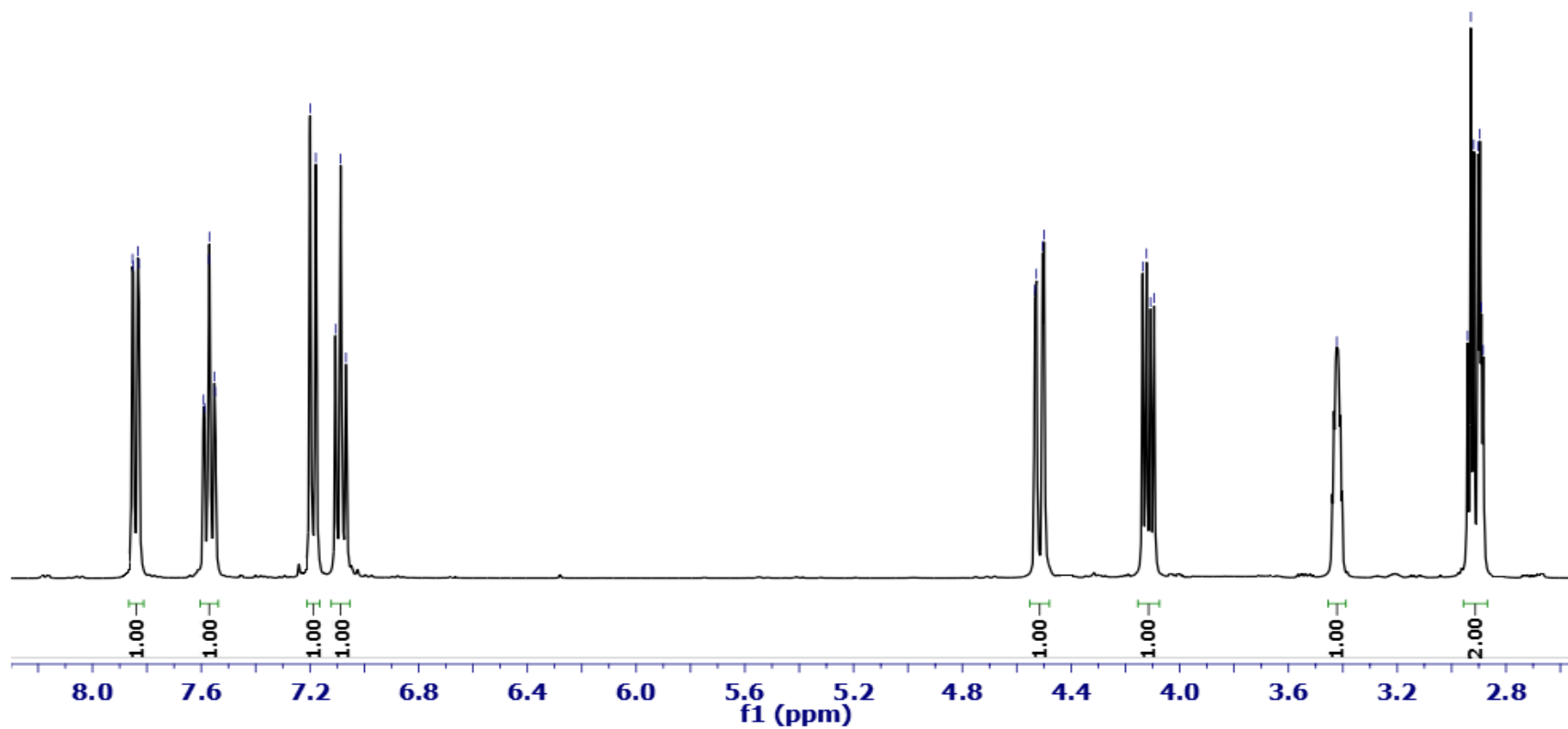


S 27

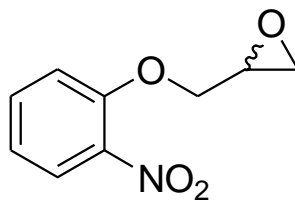
400 MHz, CDCl₃



6

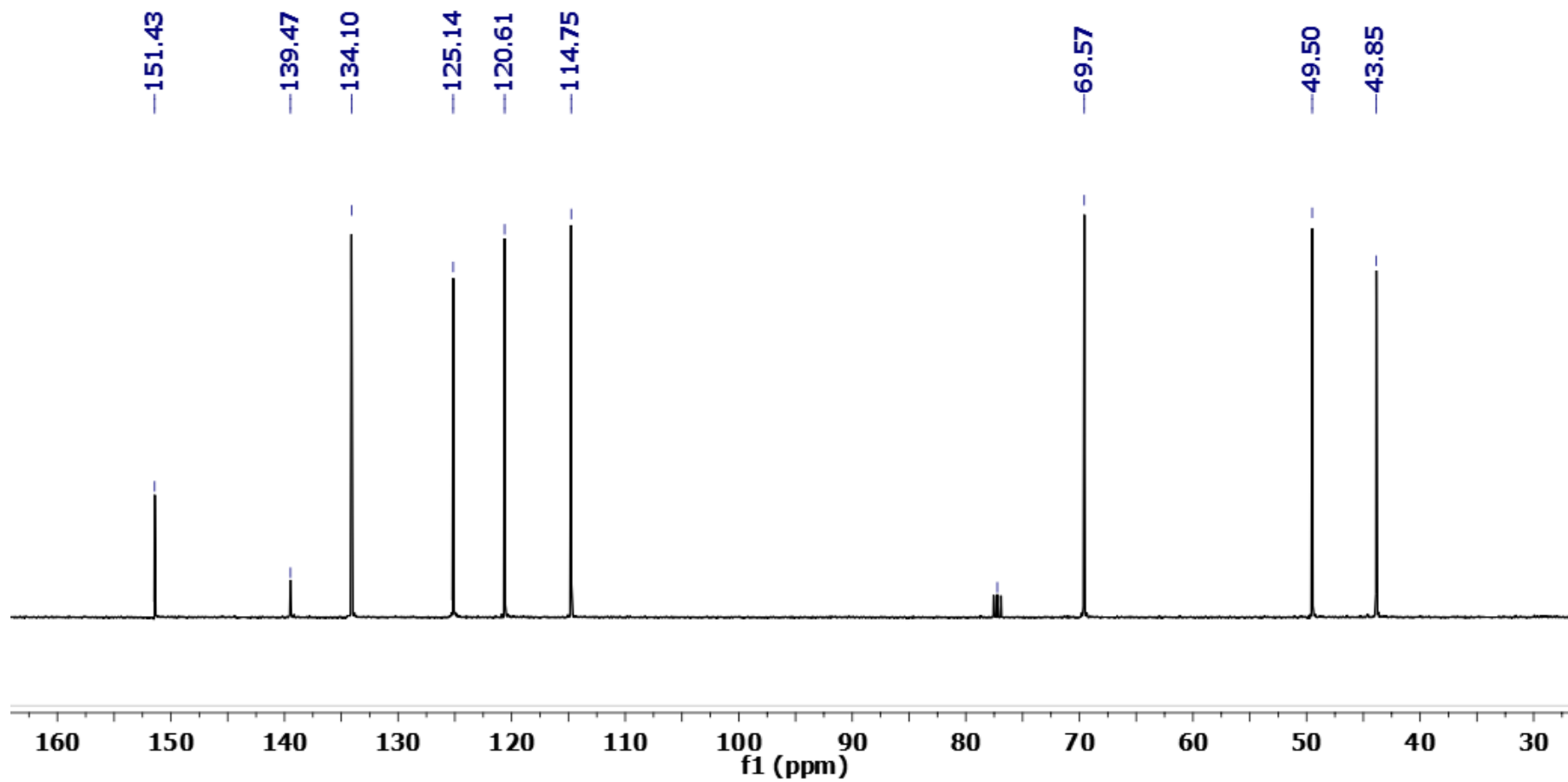


S 28



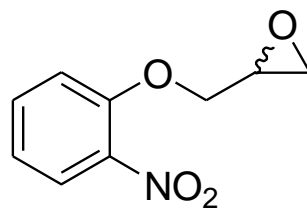
400 MHz, CDCl_3

6

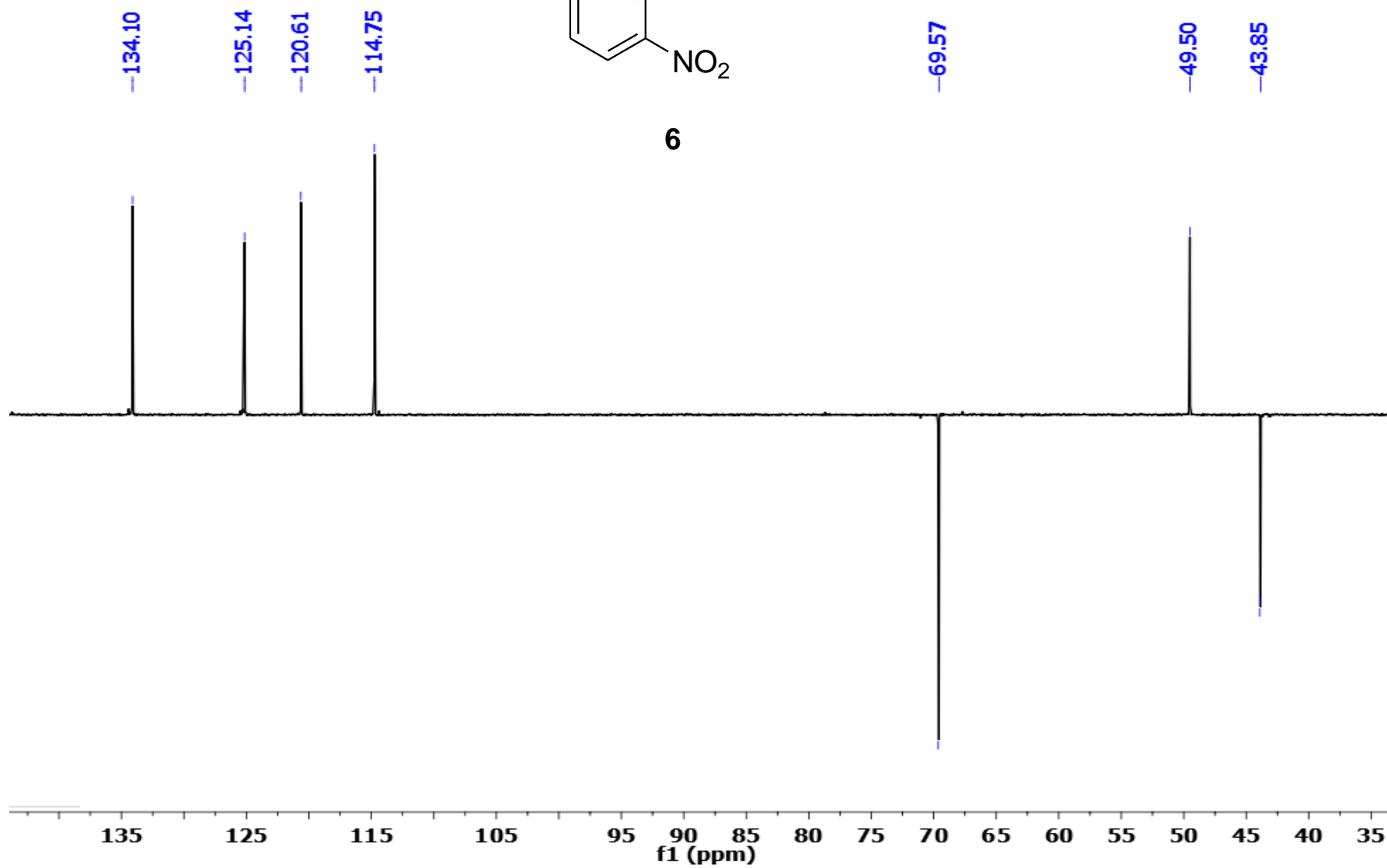


S 29

400 MHz, CDCl₃

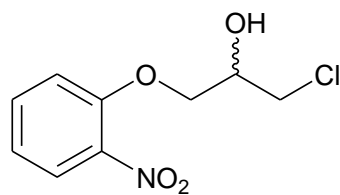


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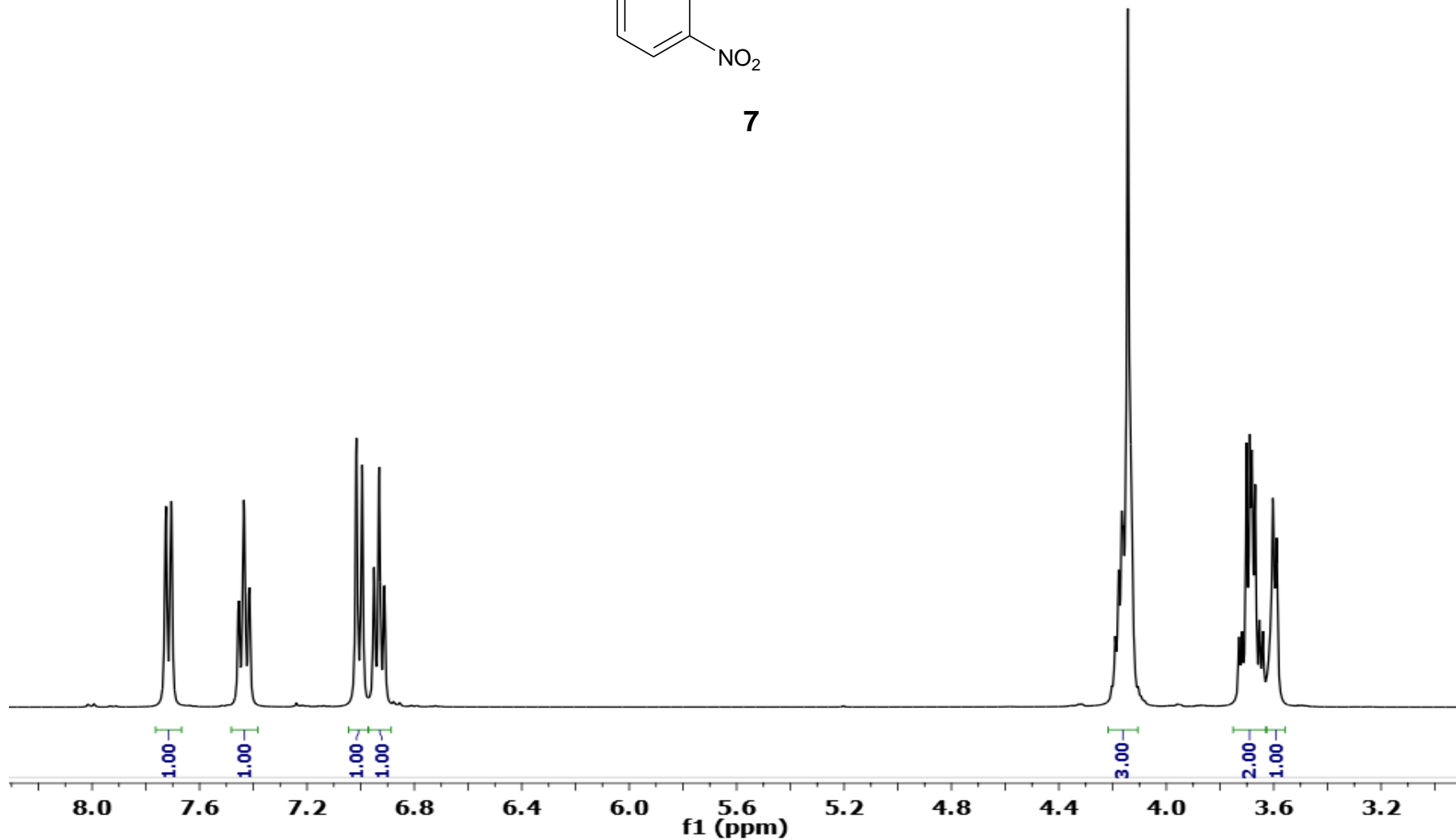


S 30

400 MHz, CDCl₃

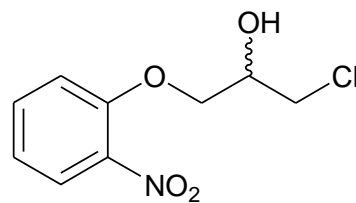


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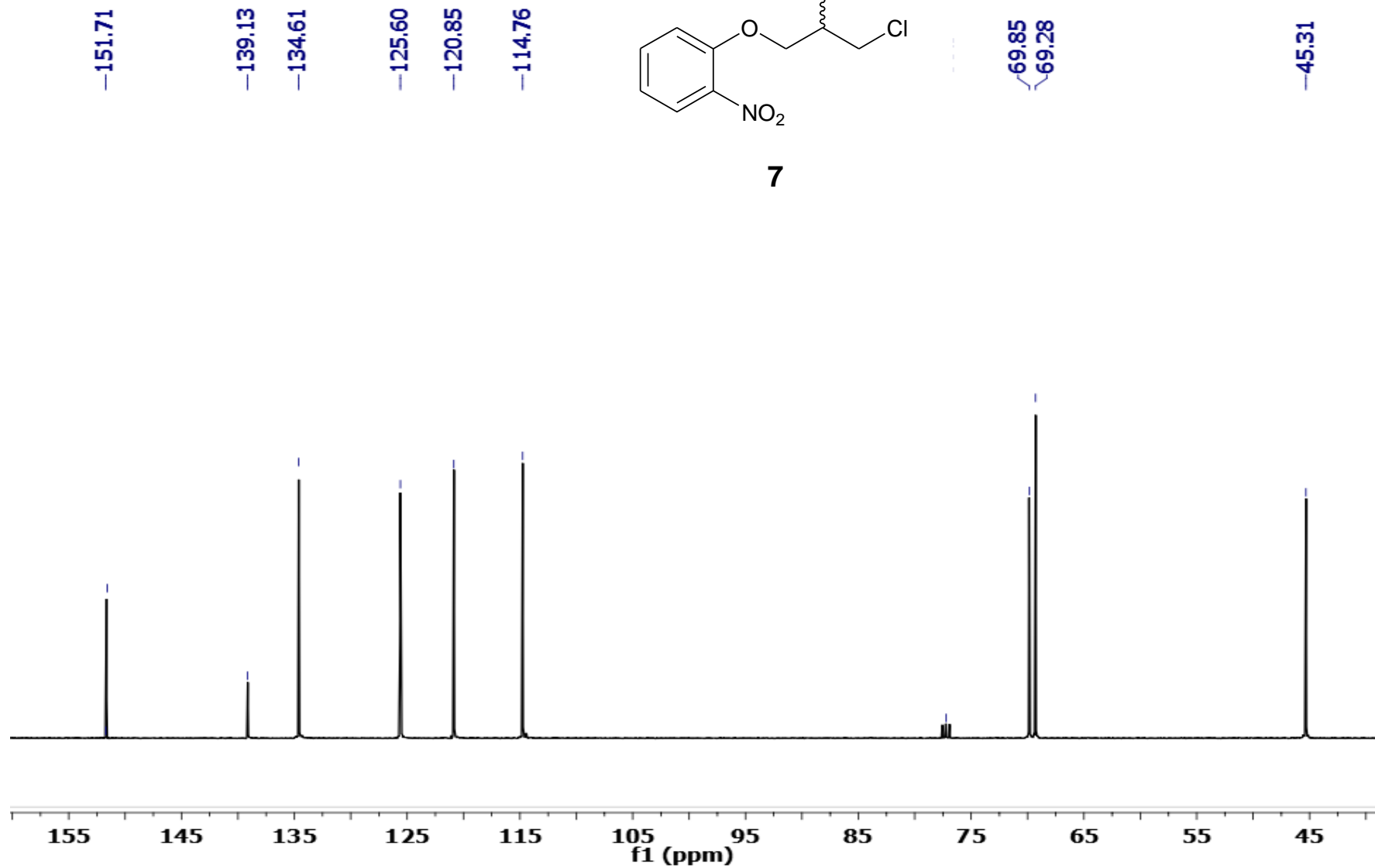


S 31

400 MHz, CDCl₃

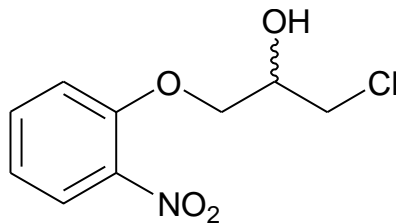


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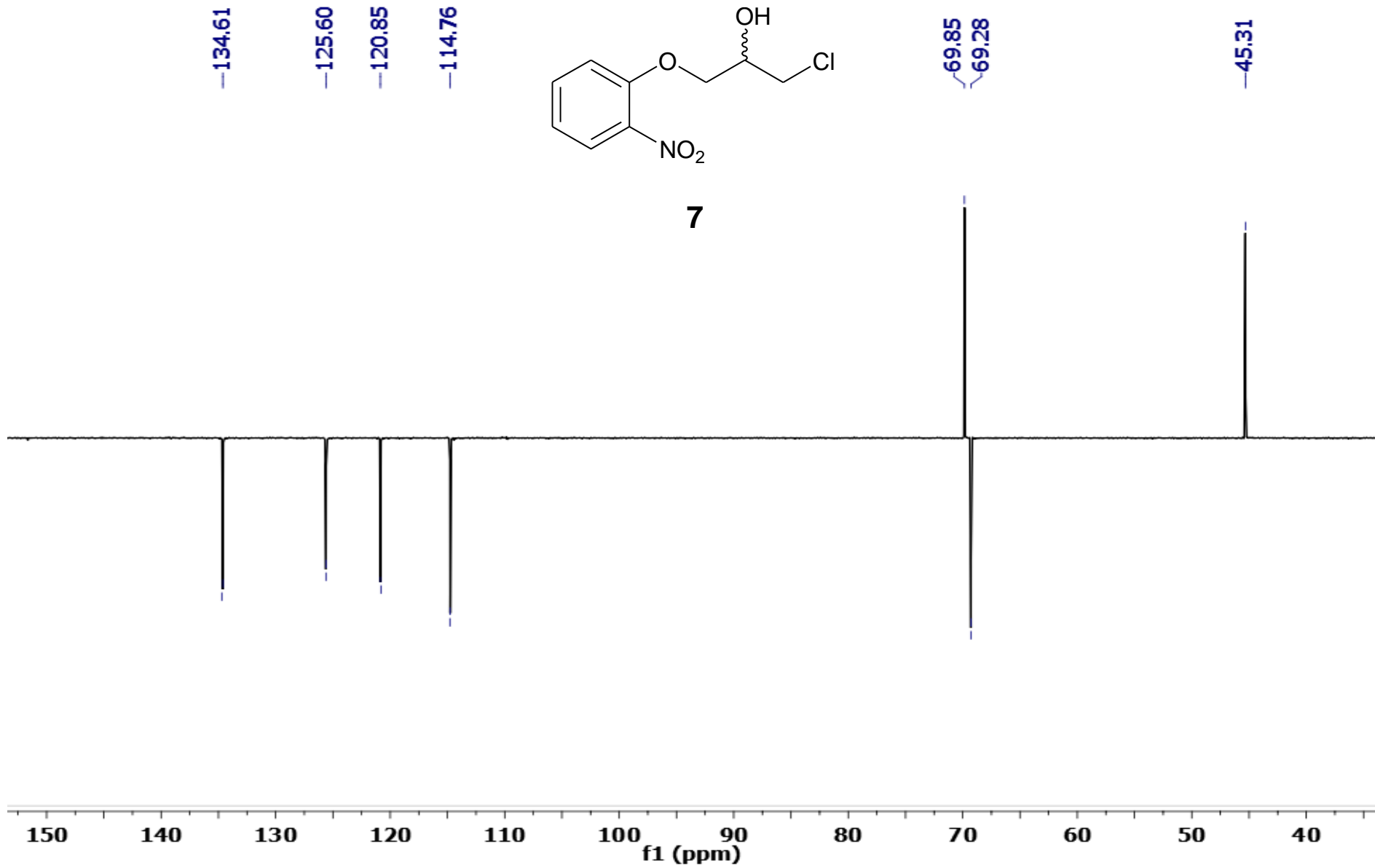


S 32

400 MHz, CDCl₃

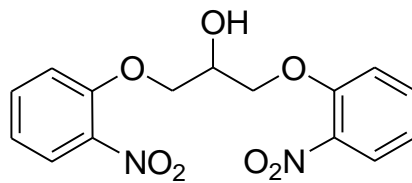


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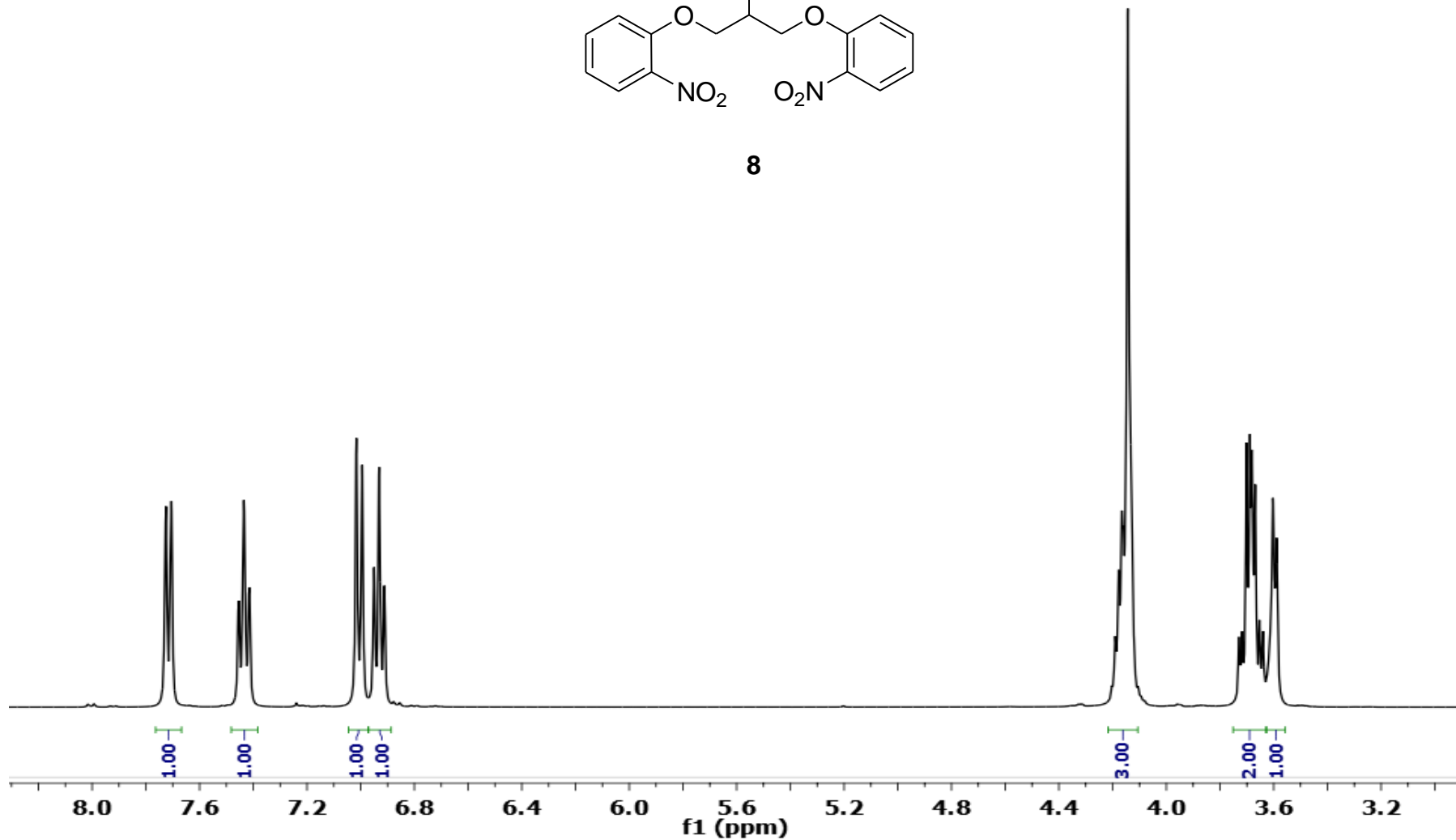


S 33

400 MHz, CDCl₃



8



S 34

400 MHz, CDCl₃

—152.34

—139.62

—134.85

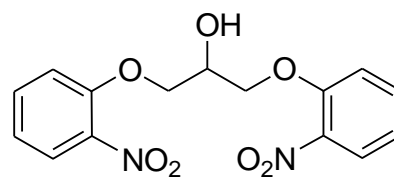
—126.09

—121.07

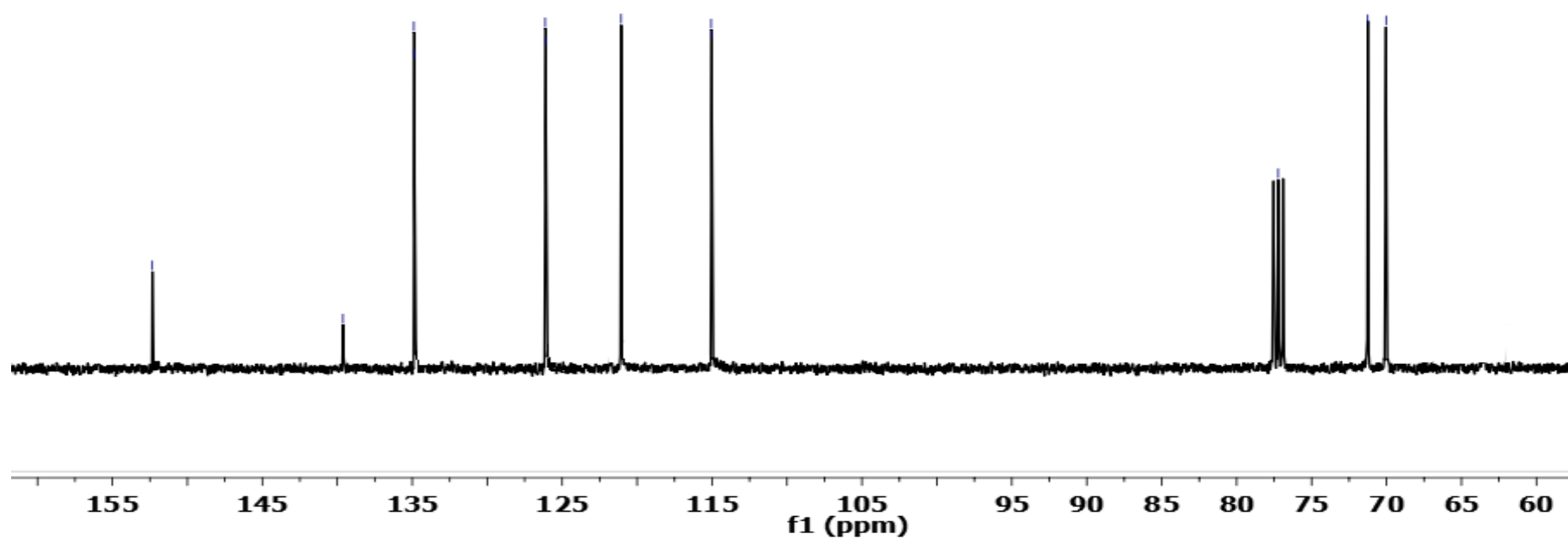
—115.01

~71.26

~70.03



8



S 35

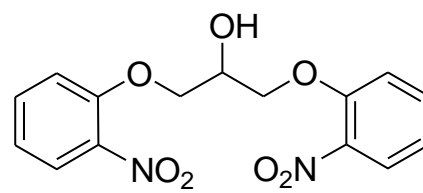
400 MHz, CDCl₃

-134.85

-126.09

-121.07

-115.01



8

~71.26

~70.03

