

**Chiral Proton Catalysis of Secondary Nitroalkane Additions to Azomethine:
Synthesis of a Potent GlyT1 Inhibitor**

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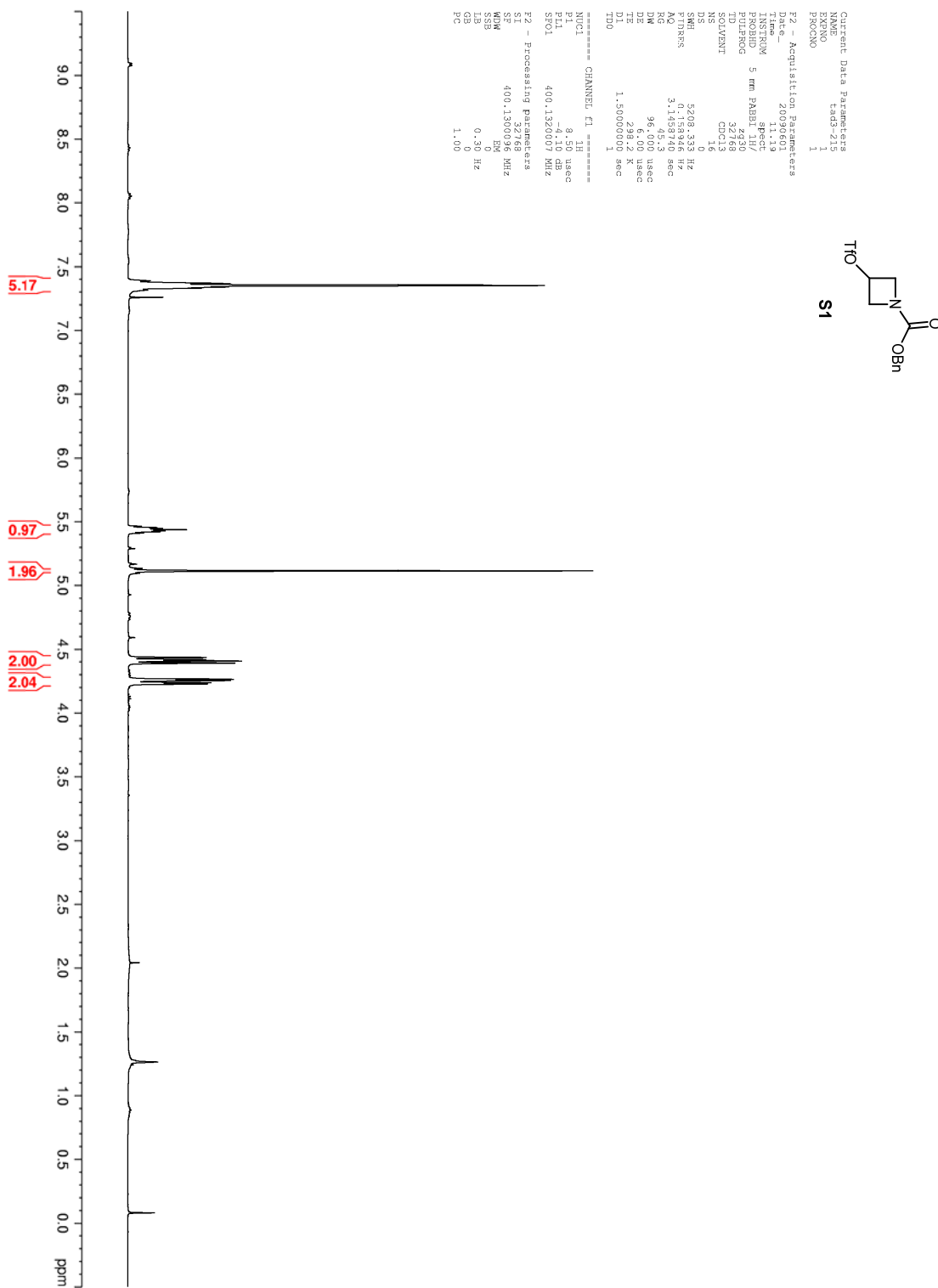
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	S-II-X
Figure 1. ^1H NMR (400 MHz, CDCl_3) of S1	2
Figure 2. ^{13}C NMR (125 MHz, CDCl_3) of S1	3
Figure 3. ^1H NMR (400 MHz, CDCl_3) of 1	4
Figure 4. ^{13}C DEPT-135 NMR (150 MHz, CDCl_3) of 1	5
Figure 5. ^1H NMR (500 MHz, CDCl_3) of 9	6
Figure 6. ^{13}C NMR (125 MHz, CDCl_3) of 9	7
Figure 7. ^1H NMR (400 MHz, CDCl_3) of 10	8
Figure 8. ^{13}C NMR (125 MHz, CDCl_3) of 10	9
Figure 9. ^1H NMR (400 MHz, CDCl_3) of 11	10
Figure 10. ^{13}C NMR (125 MHz, CDCl_3) of 11	11
Figure 11. ^1H NMR (500 MHz, CDCl_3) of 12	12
Figure 12. ^{13}C NMR (100 MHz, CDCl_3) of 12	13
Figure 13. ^1H NMR (400 MHz, CDCl_3) of 13	14
Figure 14. ^{13}C DEPT-135 NMR (100 MHz, CDCl_3) of 13	15
Figure 15. ^1H NMR (400 MHz, CDCl_3) of 16	16
Figure 16. ^{13}C DEPT-135 NMR (100 MHz, CDCl_3) of 16	17

Johnston et al.

Figure 1. ¹H NMR (400 MHz, CDCl₃) of S1

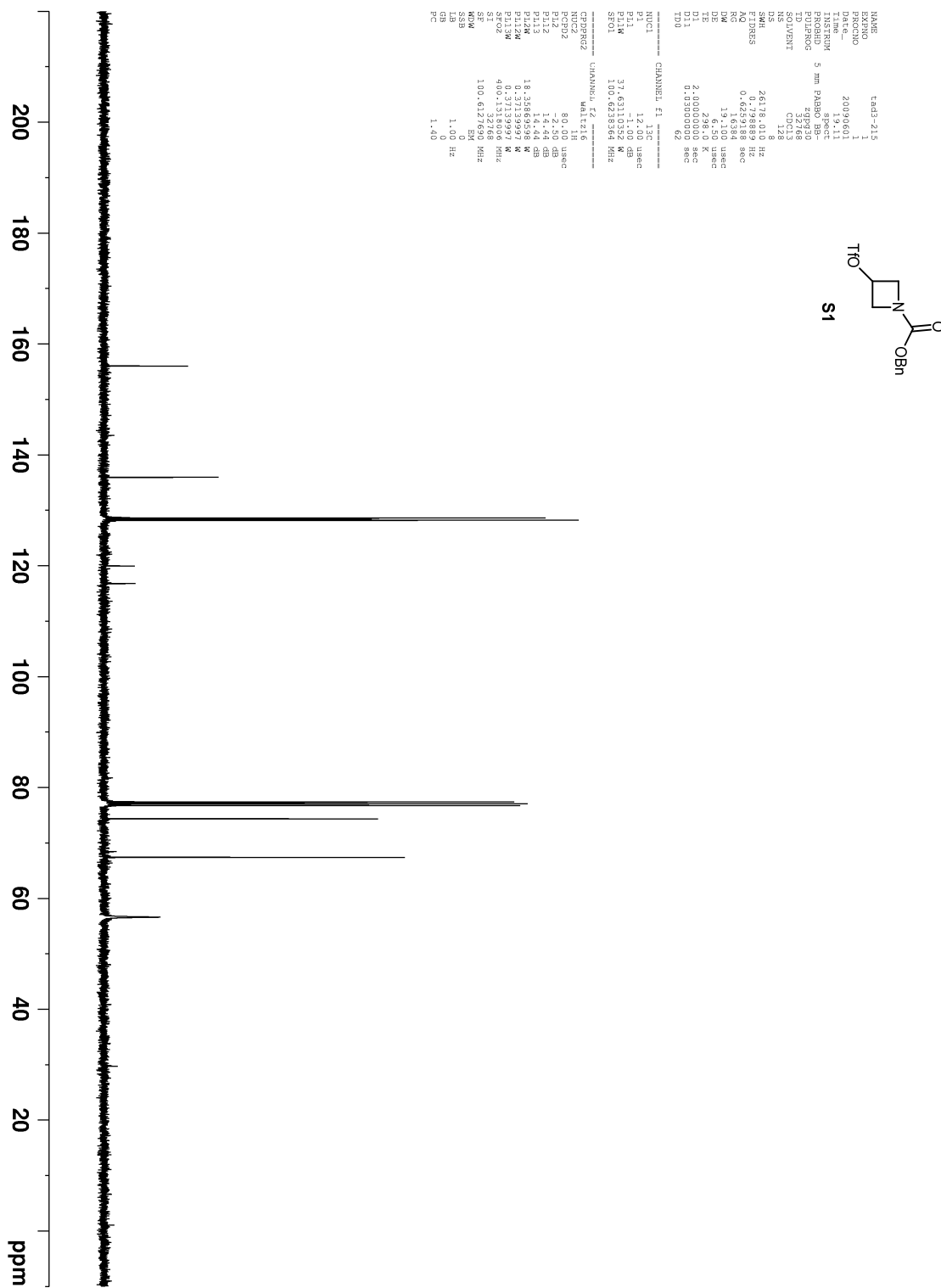
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Figure 2. ¹³C NMR (125 MHz, CDCl₃) of S1

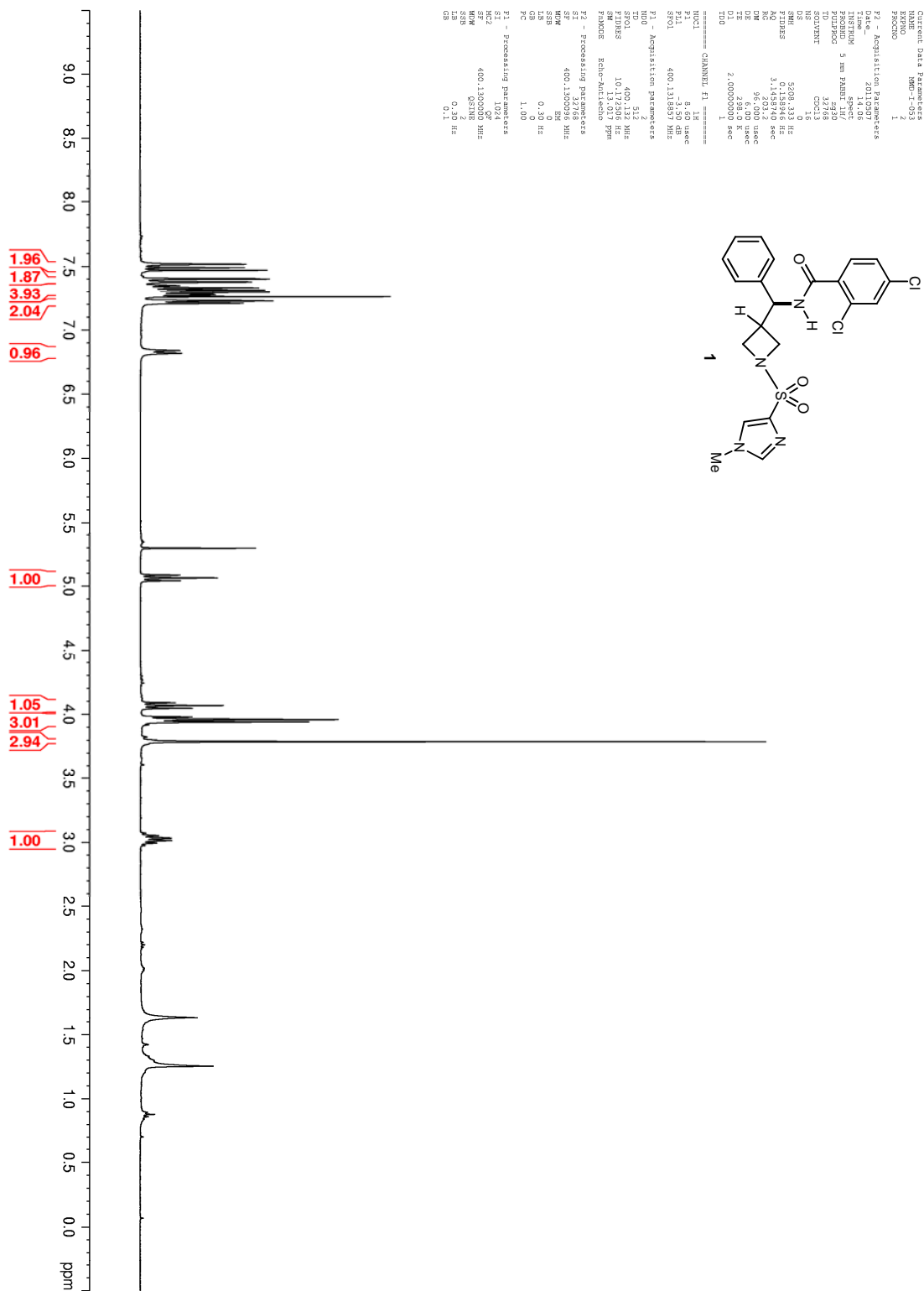
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Figure 3. ¹H NMR (400 MHz, CDCl₃) of 1

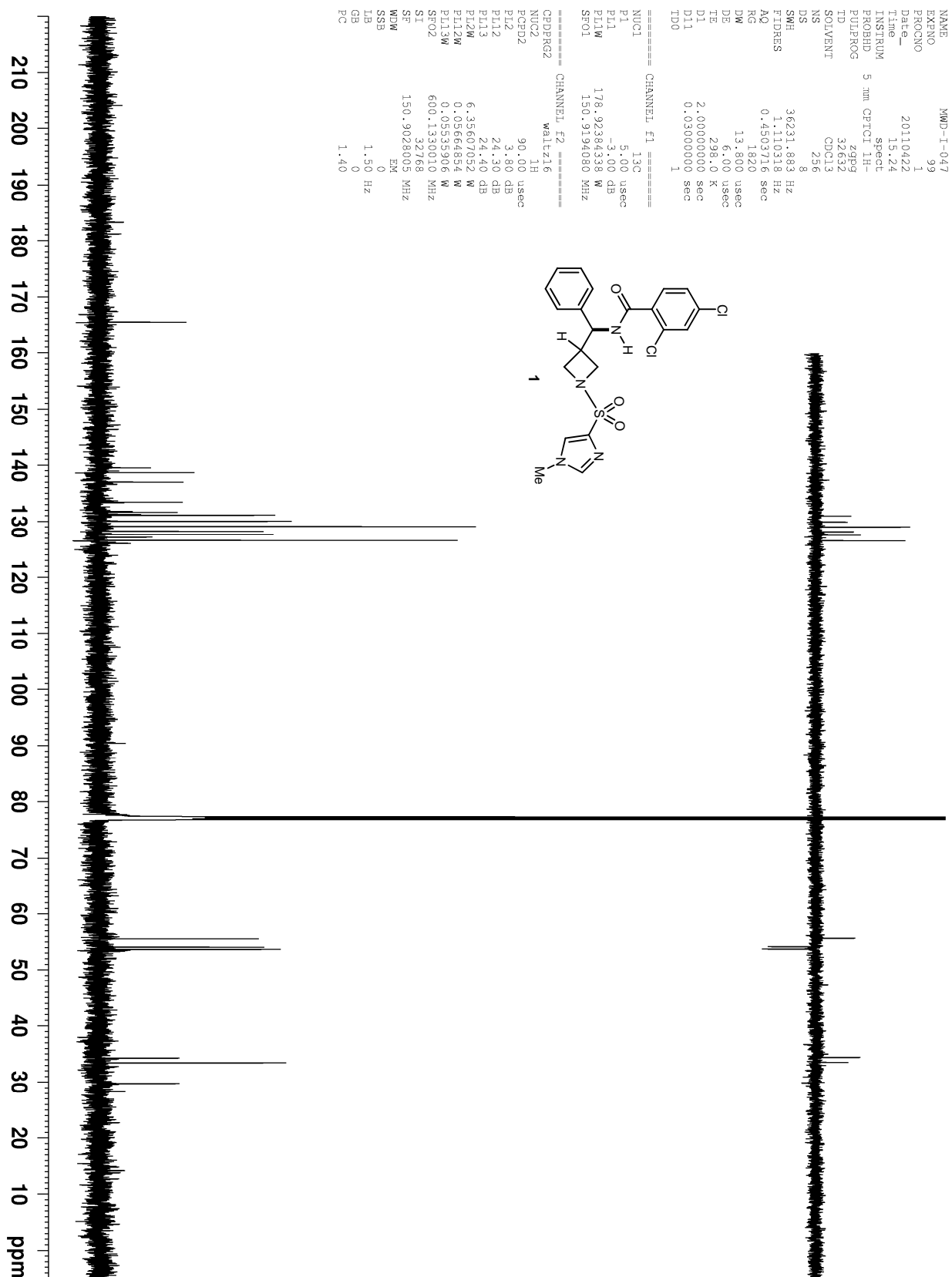
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Figure 4. ¹³C DEPT-135 NMR (150 MHz, CDCl₃) of **1**

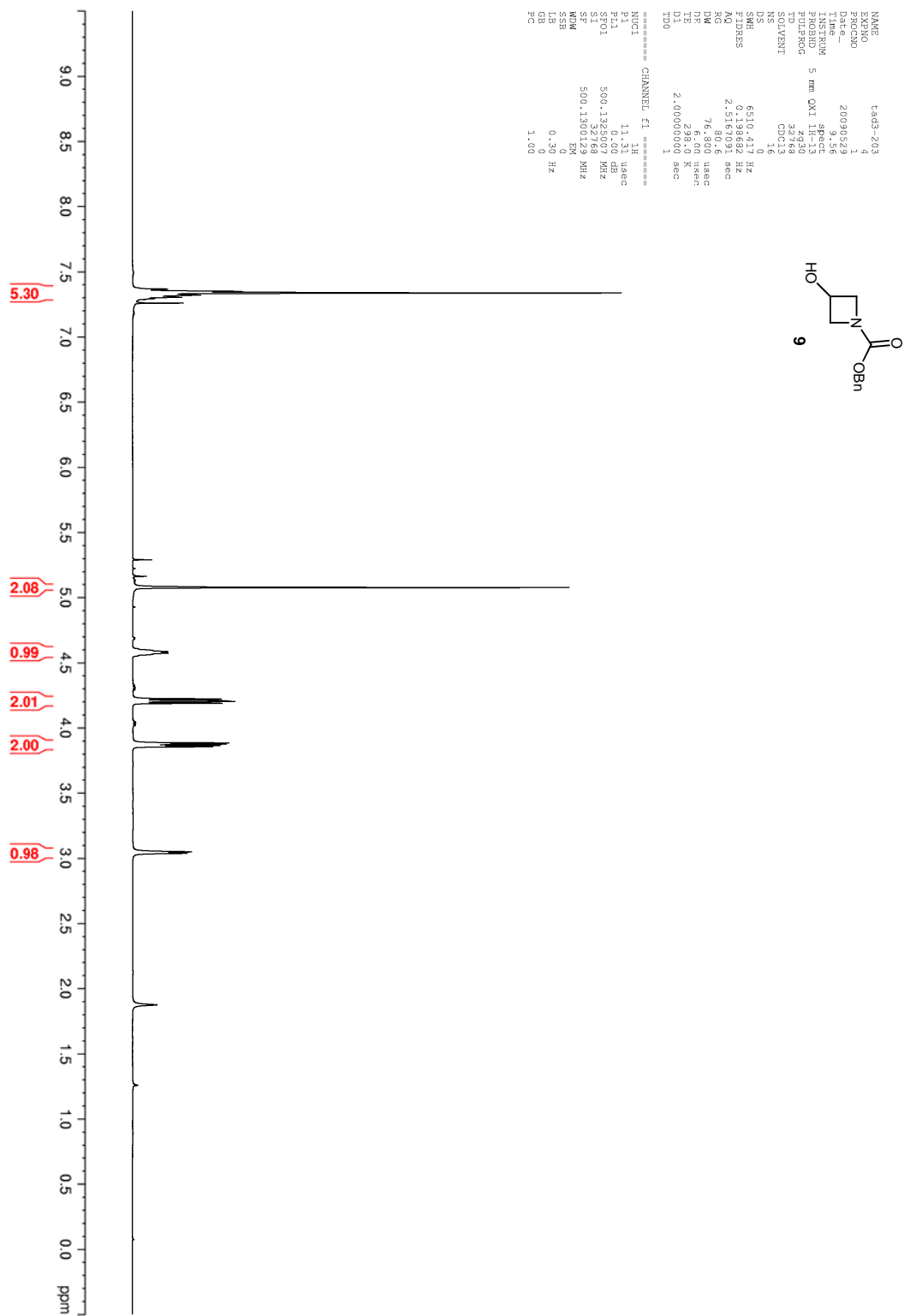
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Figure 5. ¹H NMR (500 MHz, CDCl₃) of 9

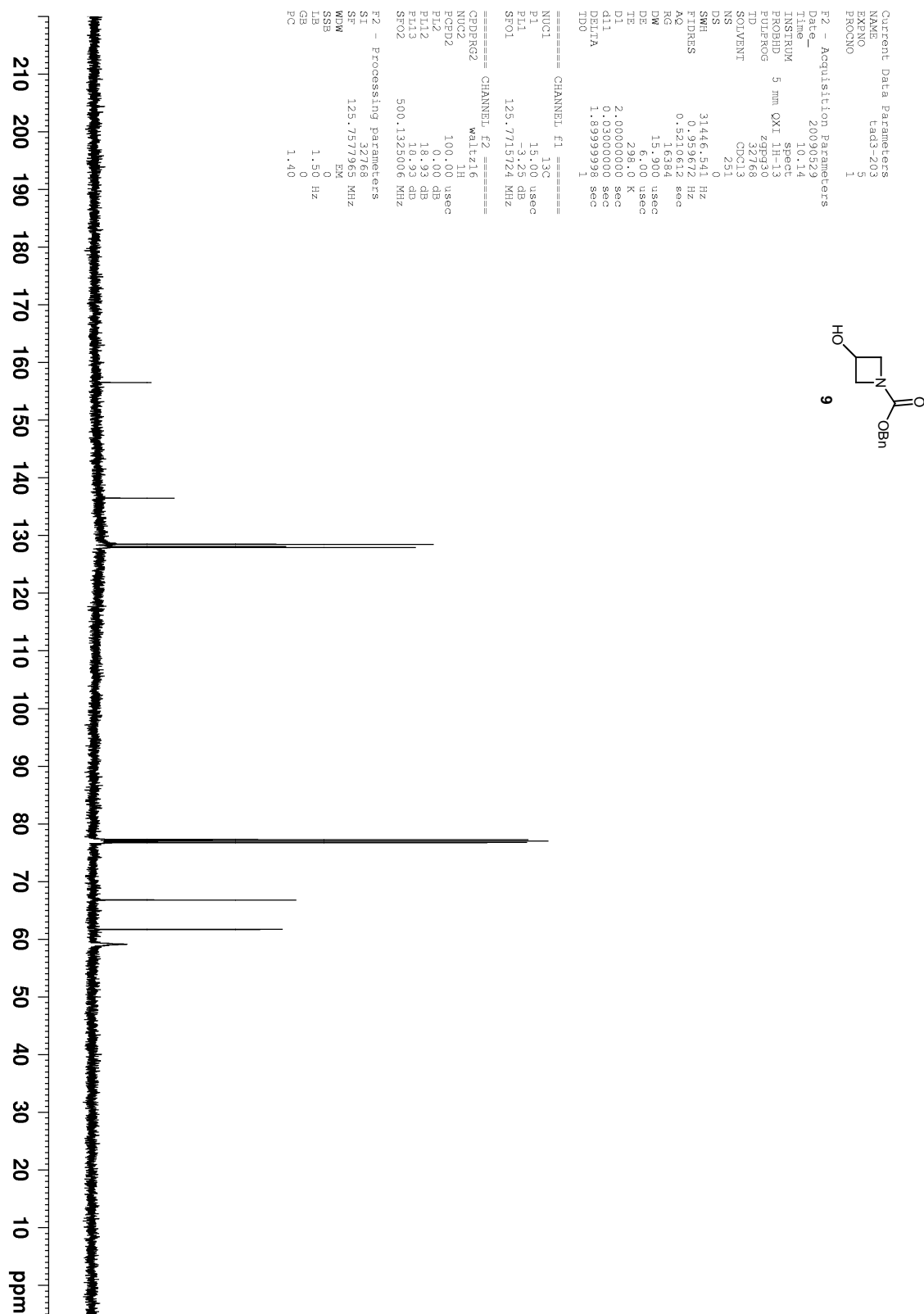
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Figure 6. ¹³C NMR (125 MHz, CDCl₃) of 9

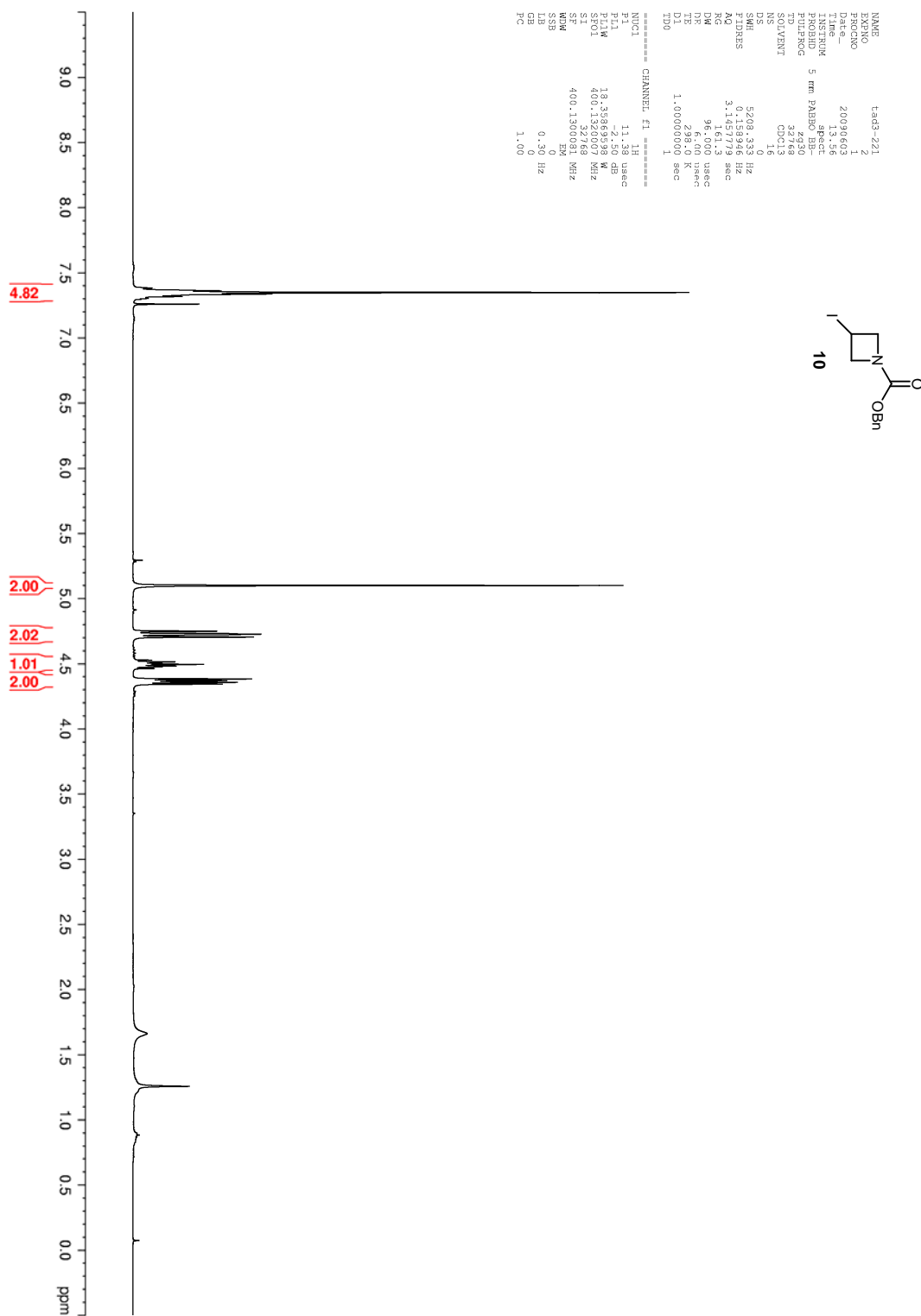
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Figure 7. ¹H NMR (400 MHz, CDCl₃) of 10

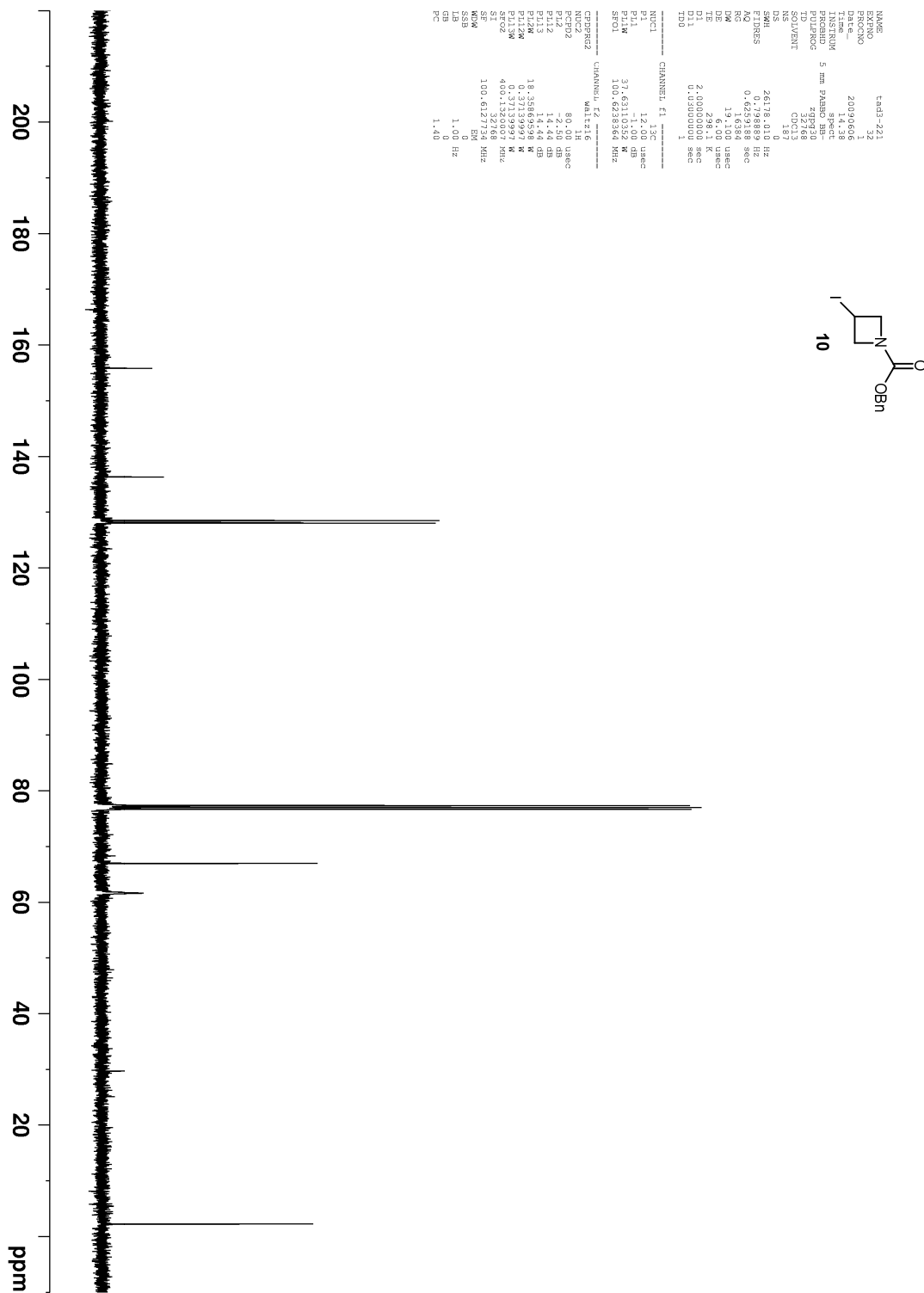
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Figure 8. ^{13}C NMR (125 MHz, CDCl_3) of **10**

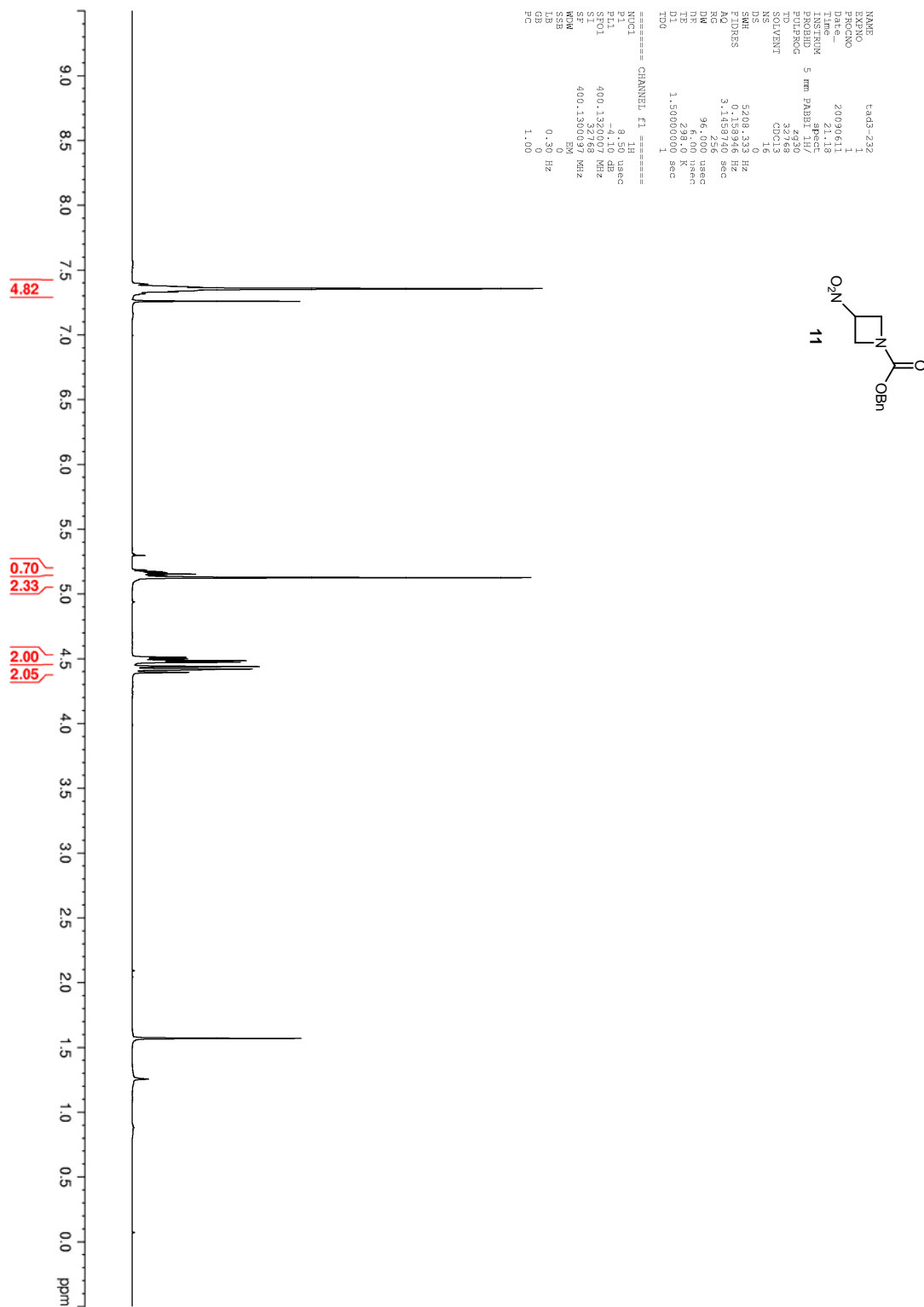
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Figure 9. ¹H NMR (400 MHz, CDCl₃) of 11

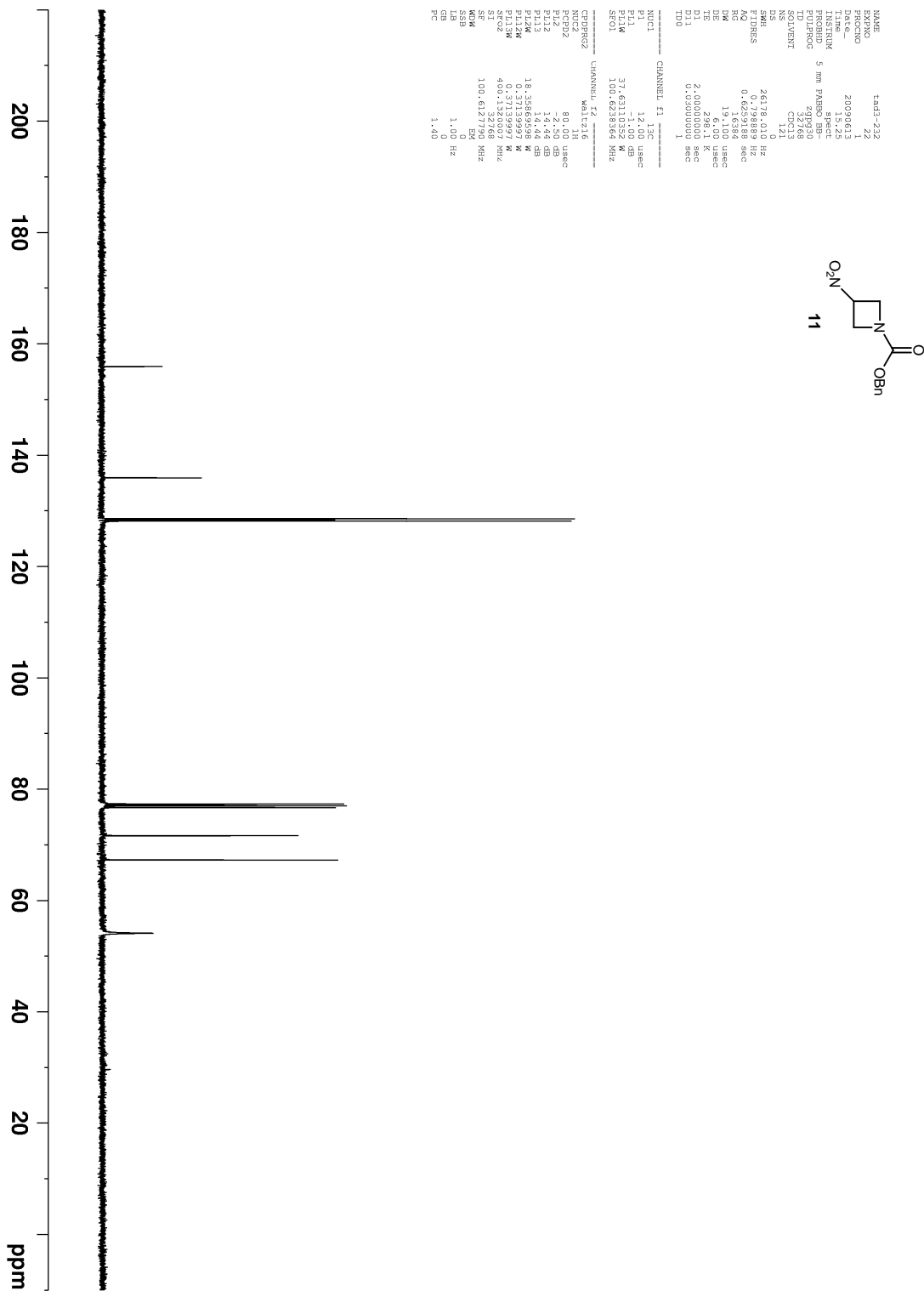
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Figure 10. ¹³C NMR (125 MHz, CDCl₃) of **11**

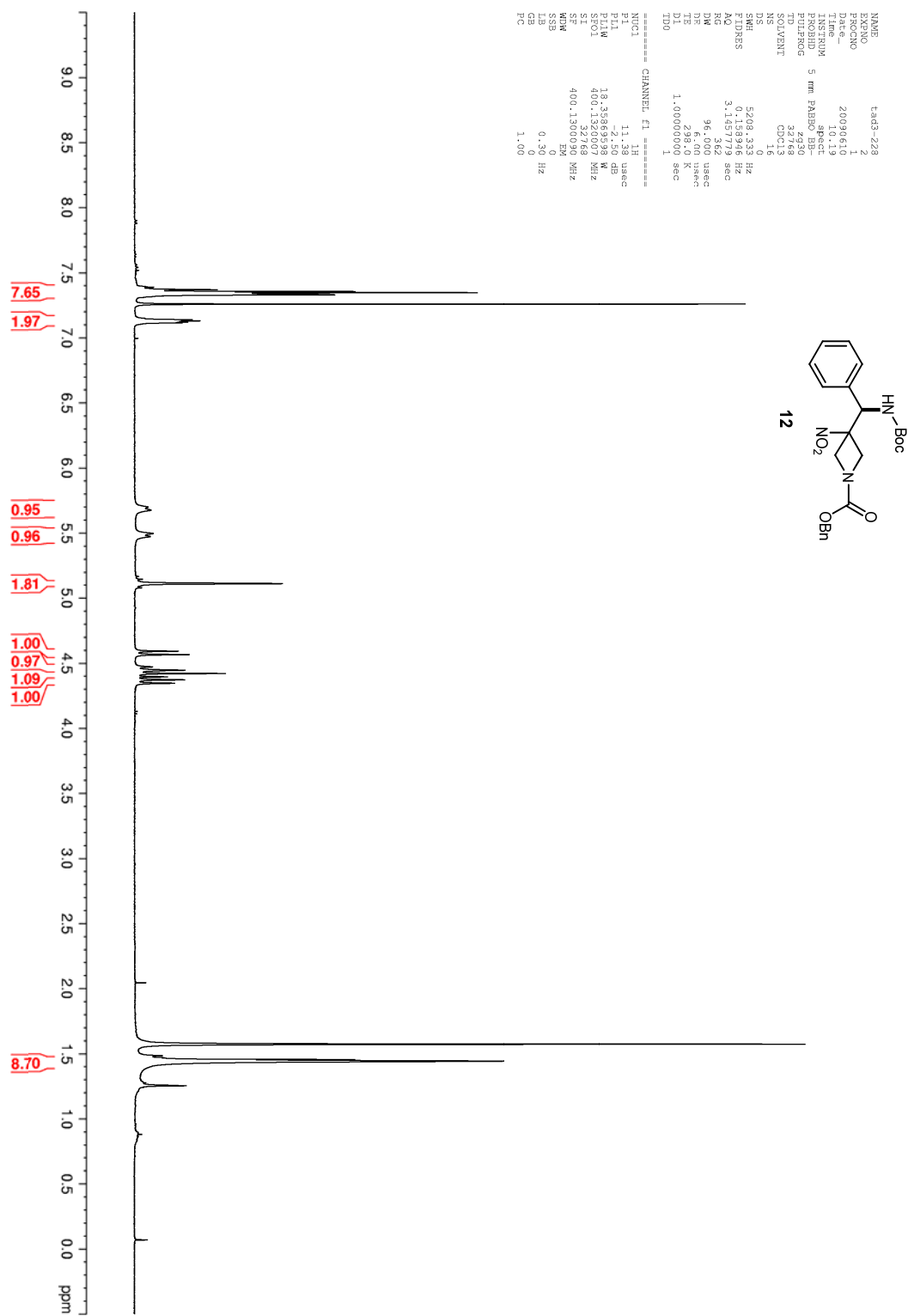
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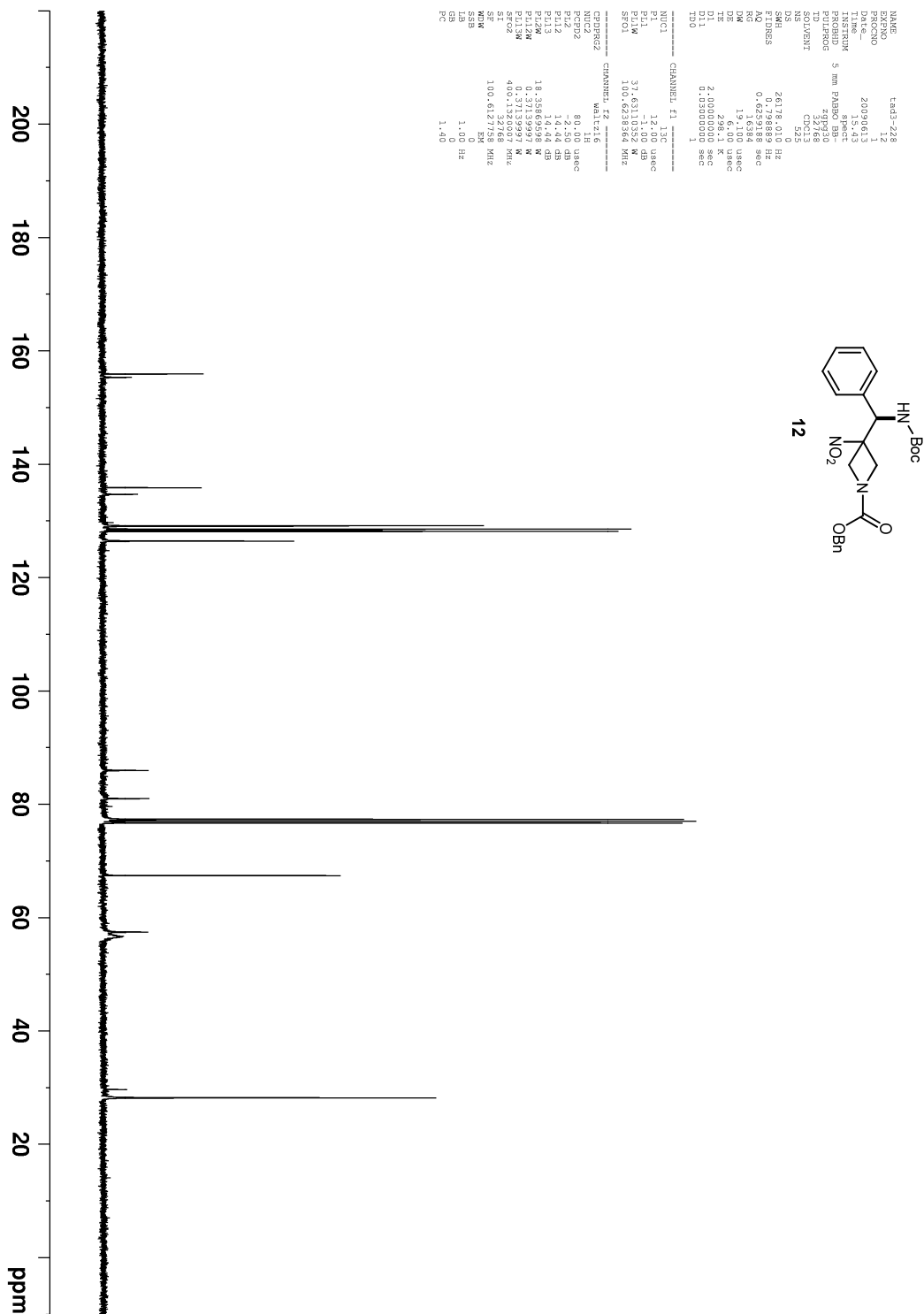
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Figure 11. ^1H NMR (500 MHz, CDCl_3) of **12**



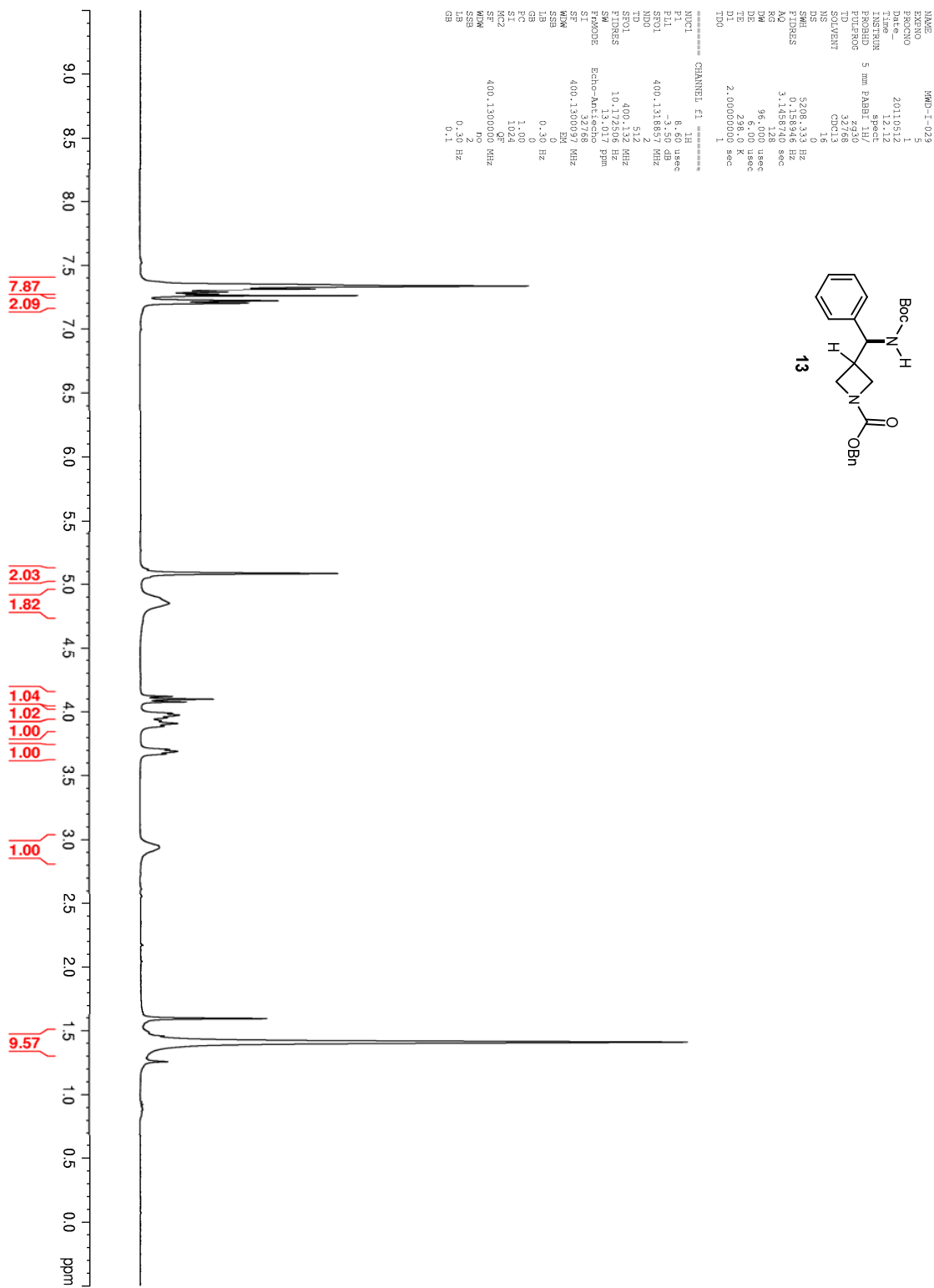
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Figure 12. ¹³C NMR (100 MHz, CDCl₃) of **12**



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Figure 13. ¹H NMR (400 MHz, CDCl₃) of 13

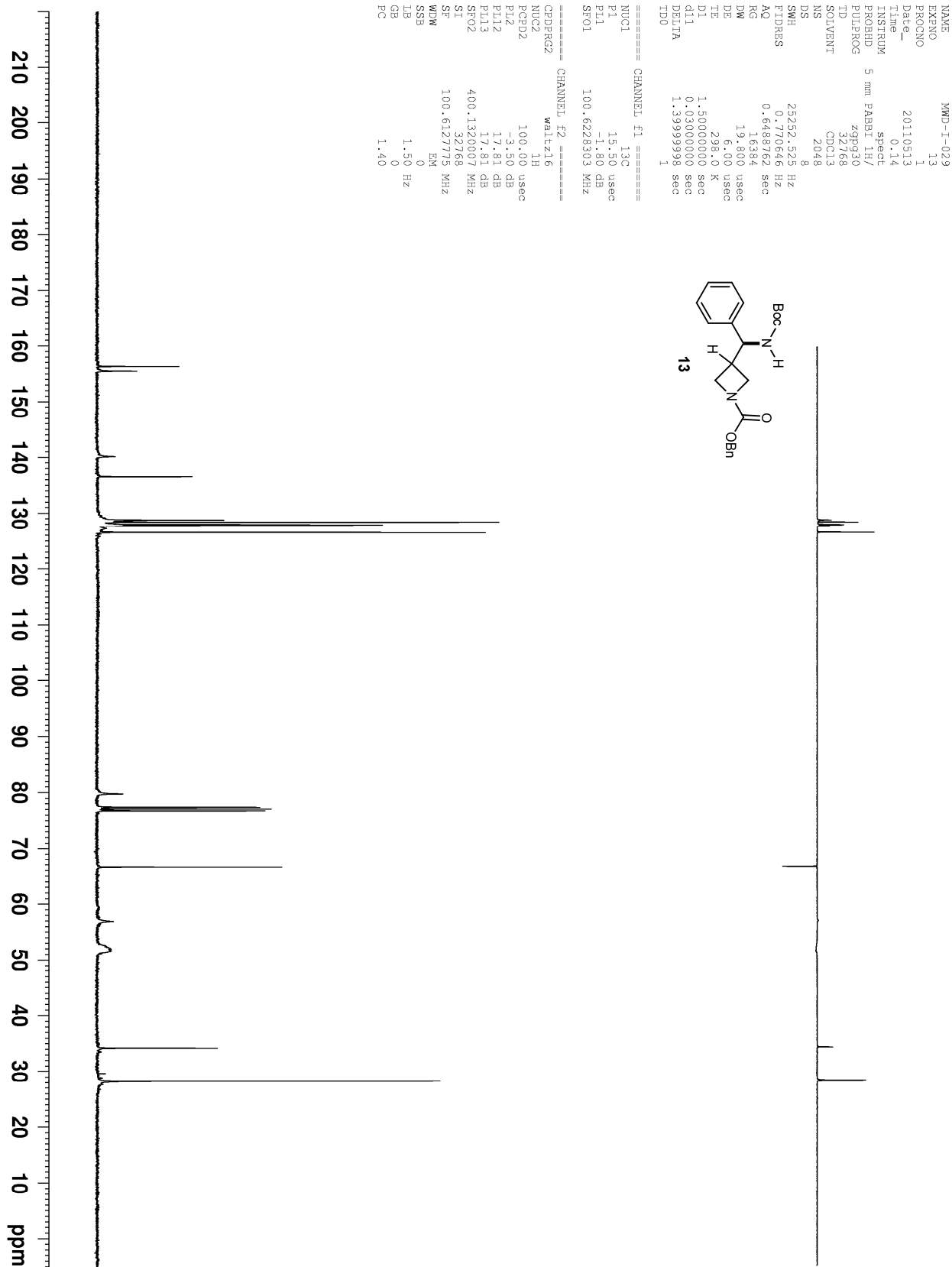
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Figure 14. ^{13}C DEPT-135 NMR (100 MHz, CDCl_3) of **13**

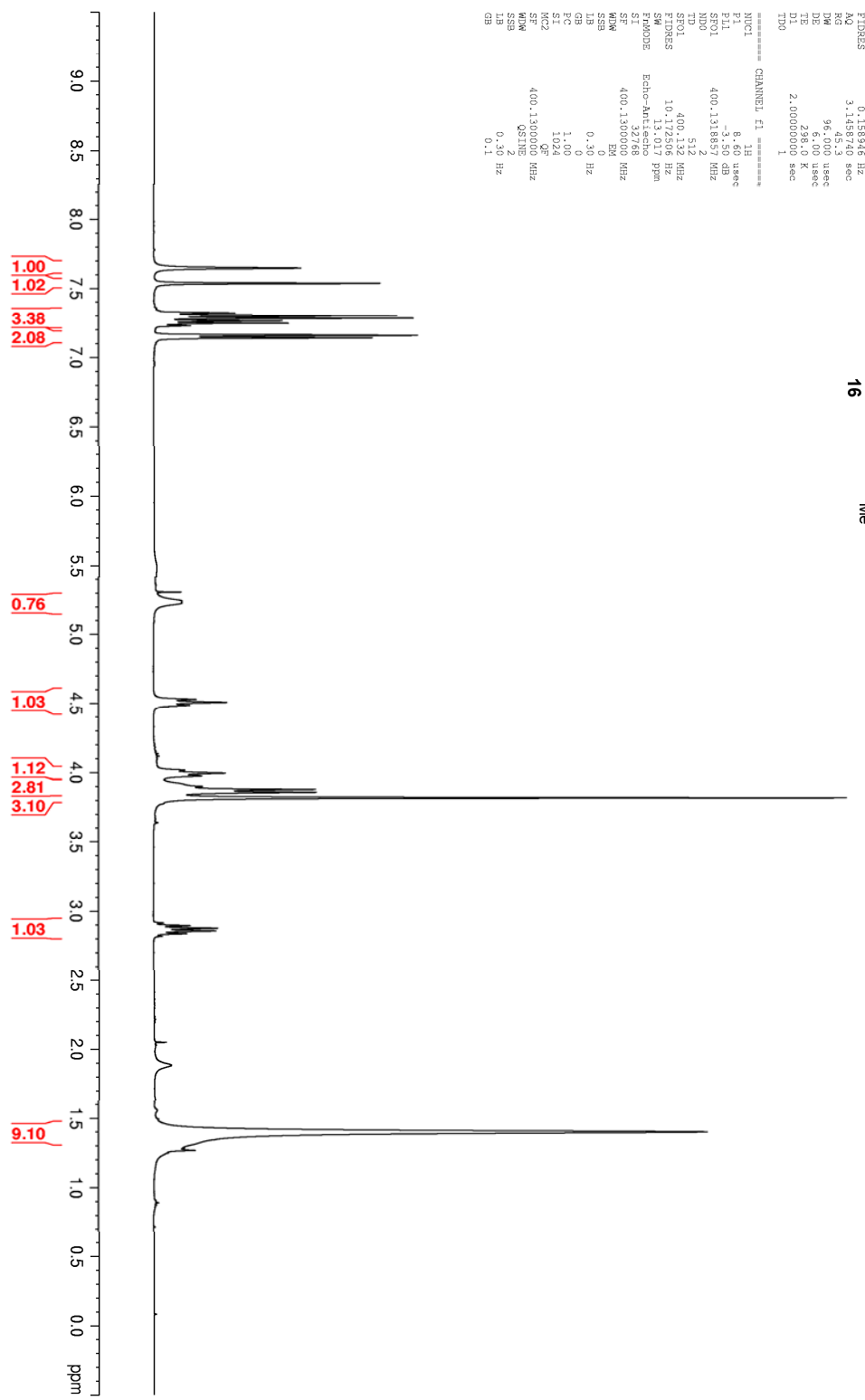
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Figure 15. ¹H NMR (400 MHz, CDCl₃) of 16

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Figure 16. ^{13}C DEPT-135 NMR (100 MHz, CDCl_3) of 16

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