

Supporting Material
A new route towards dithienoquinazoline and
benzo[f]thieno[3,2- h]quinazoline systems using Pd-catalyzed
intramolecular cyclization under microwave irradiation

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Table of Contents

1. Figure S1. Cyclic voltammogram of 6a	S2
2. Figure S2. Cyclic voltammogram of 6b	S2
3. Figure S3. Cyclic voltammogram of 6c	S3
4. ¹ H NMR and ¹³ C NMR of 3b	S4
5. ¹ H NMR, ¹³ C NMR and ¹⁹ F NMR of 3c	S6
6. ¹ H NMR and ¹³ C NMR of 5a	S9
7. ¹ H NMR and ¹³ C NMR of 5b	S11
8. ¹ H NMR, ¹³ C NMR and ¹⁹ F NMR of 5c	S13
9. ¹ H NMR and ¹³ C NMR of 5d	S16
10. ¹ H NMR and ¹³ C NMR of 5e	S18
11. ¹ H NMR and ¹³ C NMR of 5f	S20
12. ¹ H NMR and ¹³ C NMR of 5g	S22
13. ¹³ C NMR of 6a	S24
14. ¹ H NMR and ¹³ C NMR of 6b	S25
15. ¹ H NMR, ¹³ C NMR and ¹⁹ F NMR of 6c	S27
16. ¹ H NMR and ¹³ C NMR of 6d	S30
17. ¹ H NMR and ¹³ C NMR of 6e	S32
18. ¹ H NMR of 6f	S34
19. ¹ H NMR and ¹³ C NMR of 6g	S35

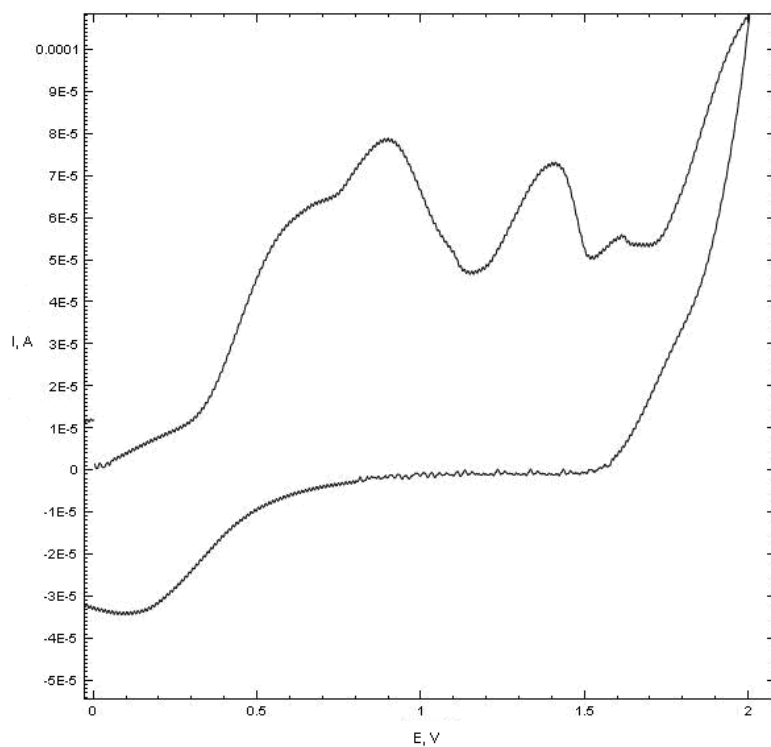


Figure S1. Cyclic voltammogram of **6a** measured in anhydrous dichloromethane with Bu_4NClO_4 at 100 mV/s (Ag/AgCl reference electrode).

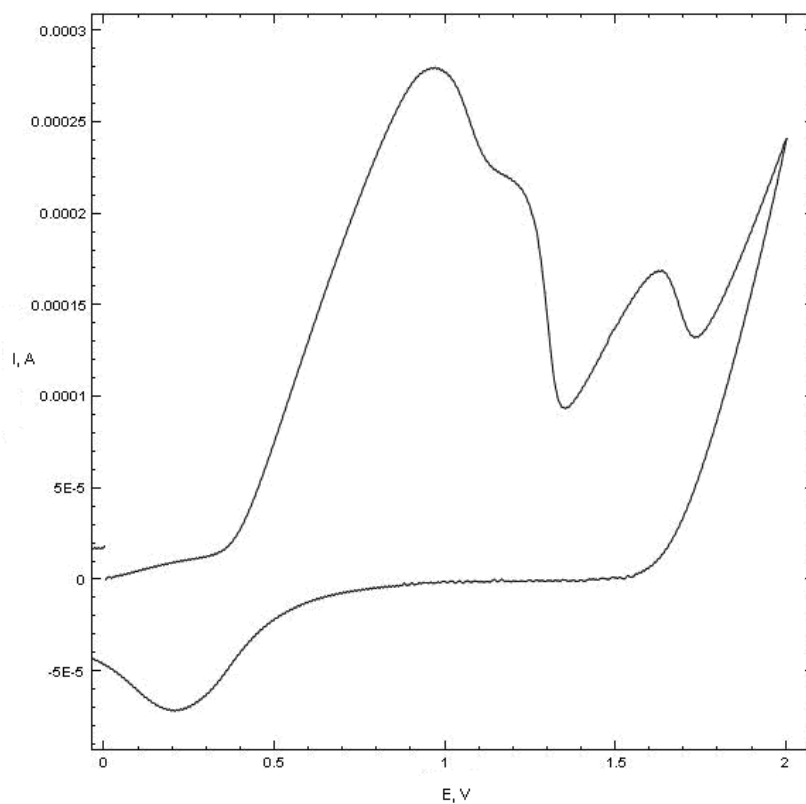


Figure S2. Cyclic voltammogram of **6b** measured in anhydrous dichloromethane with Bu_4NClO_4 at 100 mV/s (Ag/AgCl reference electrode).

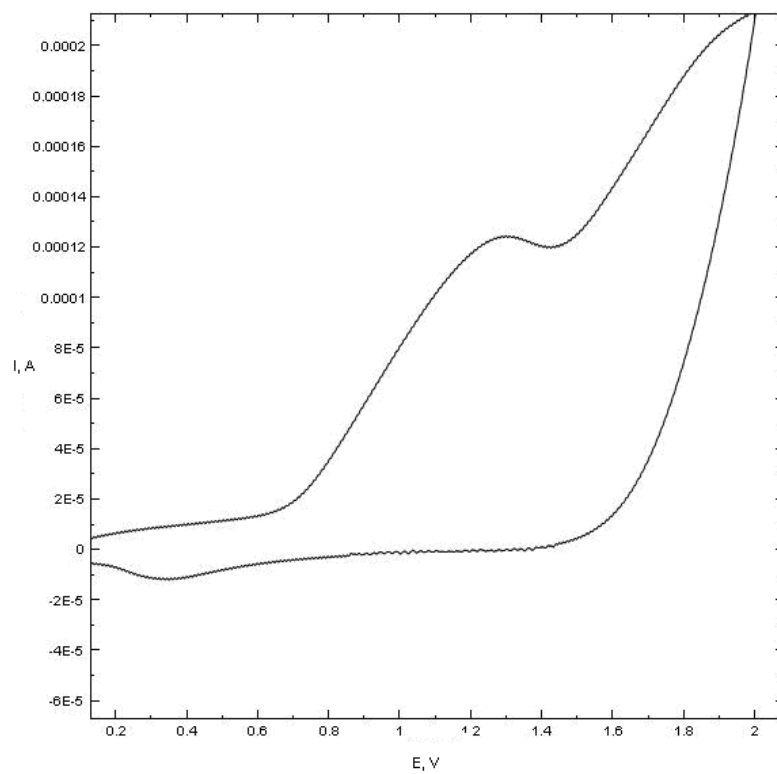
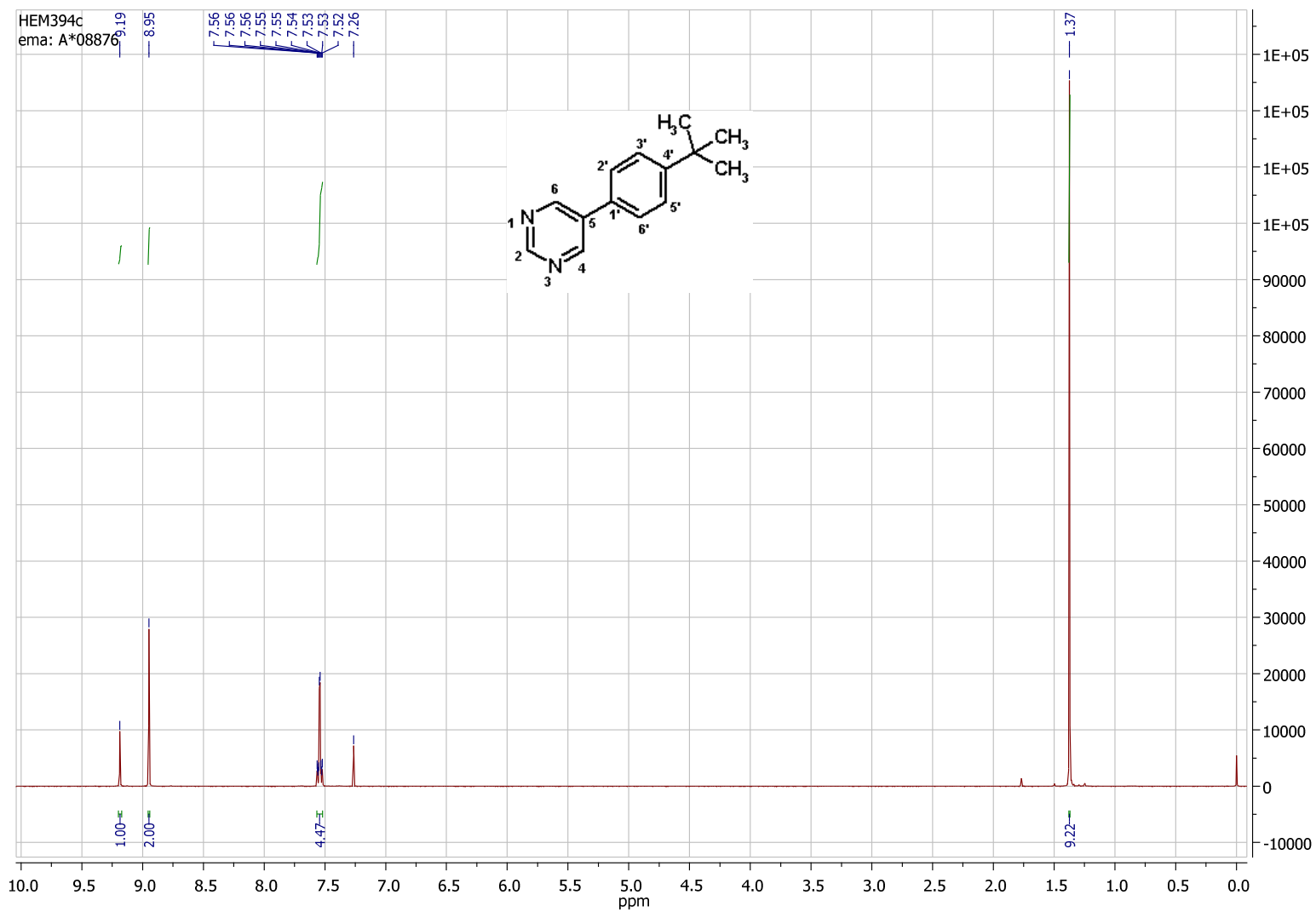
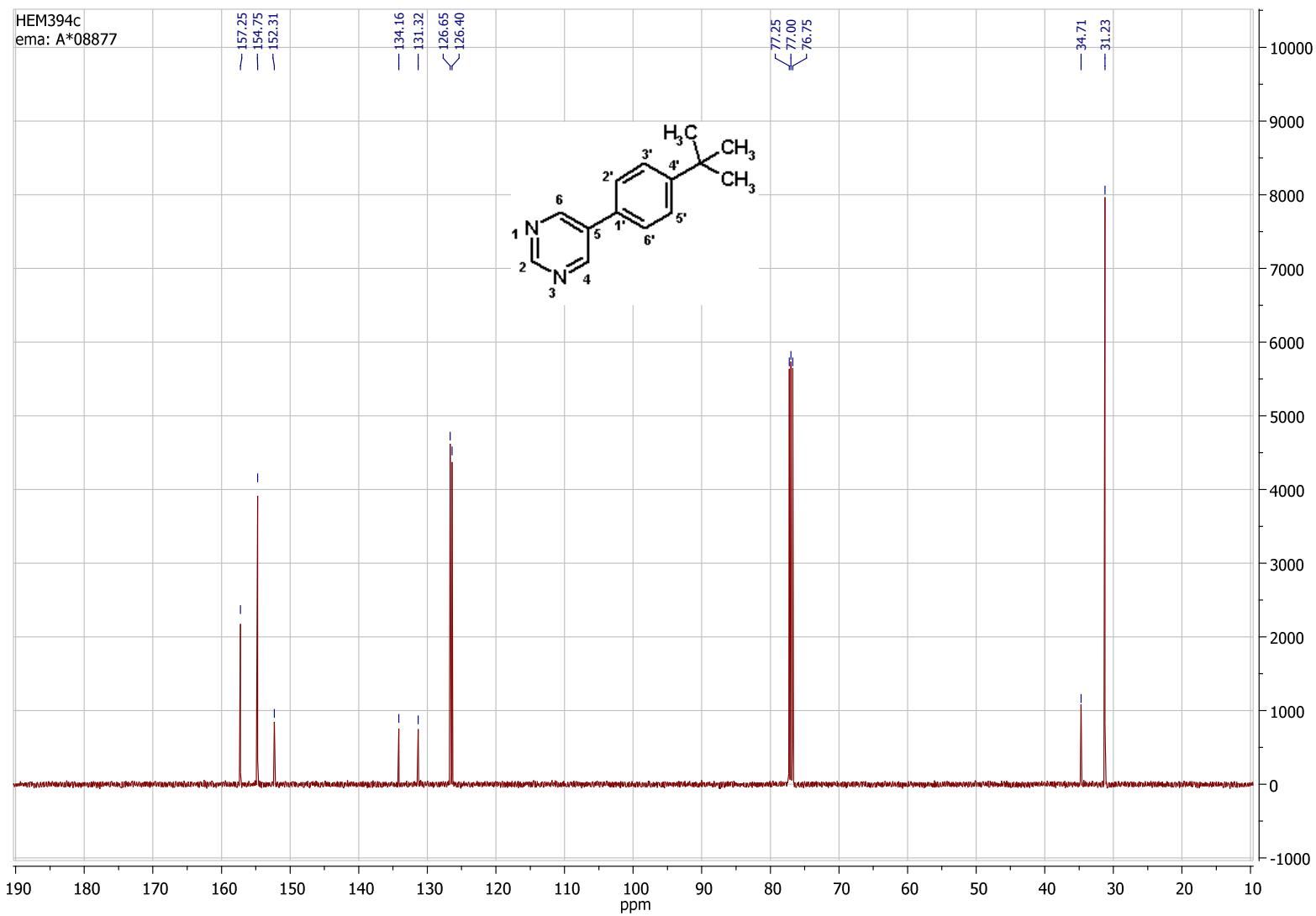


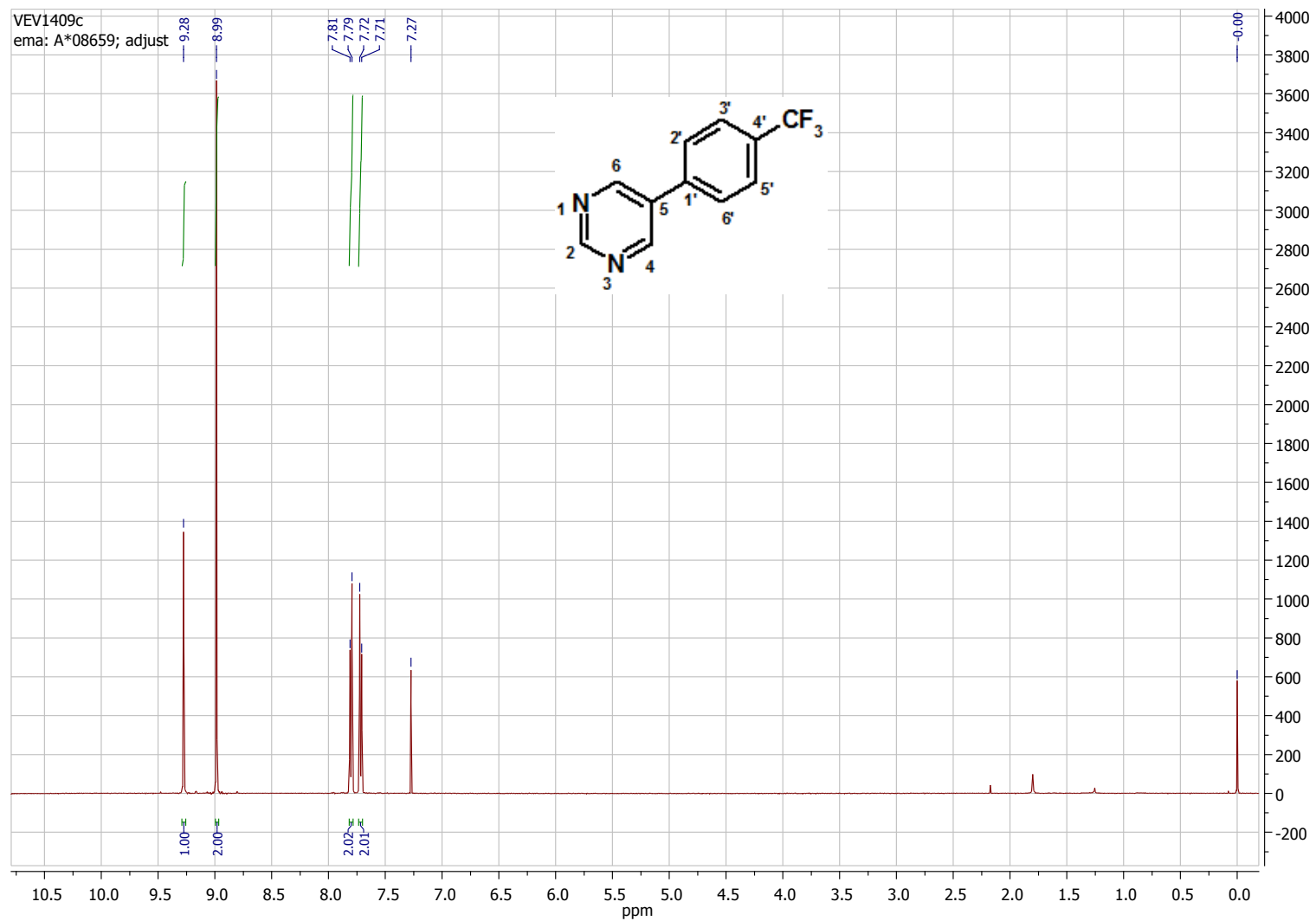
Figure S3. Cyclic voltammogram of **6c** measured in anhydrous dichloromethane with Bu_4NClO_4 at 100 mV/s (Ag/AgCl reference electrode).



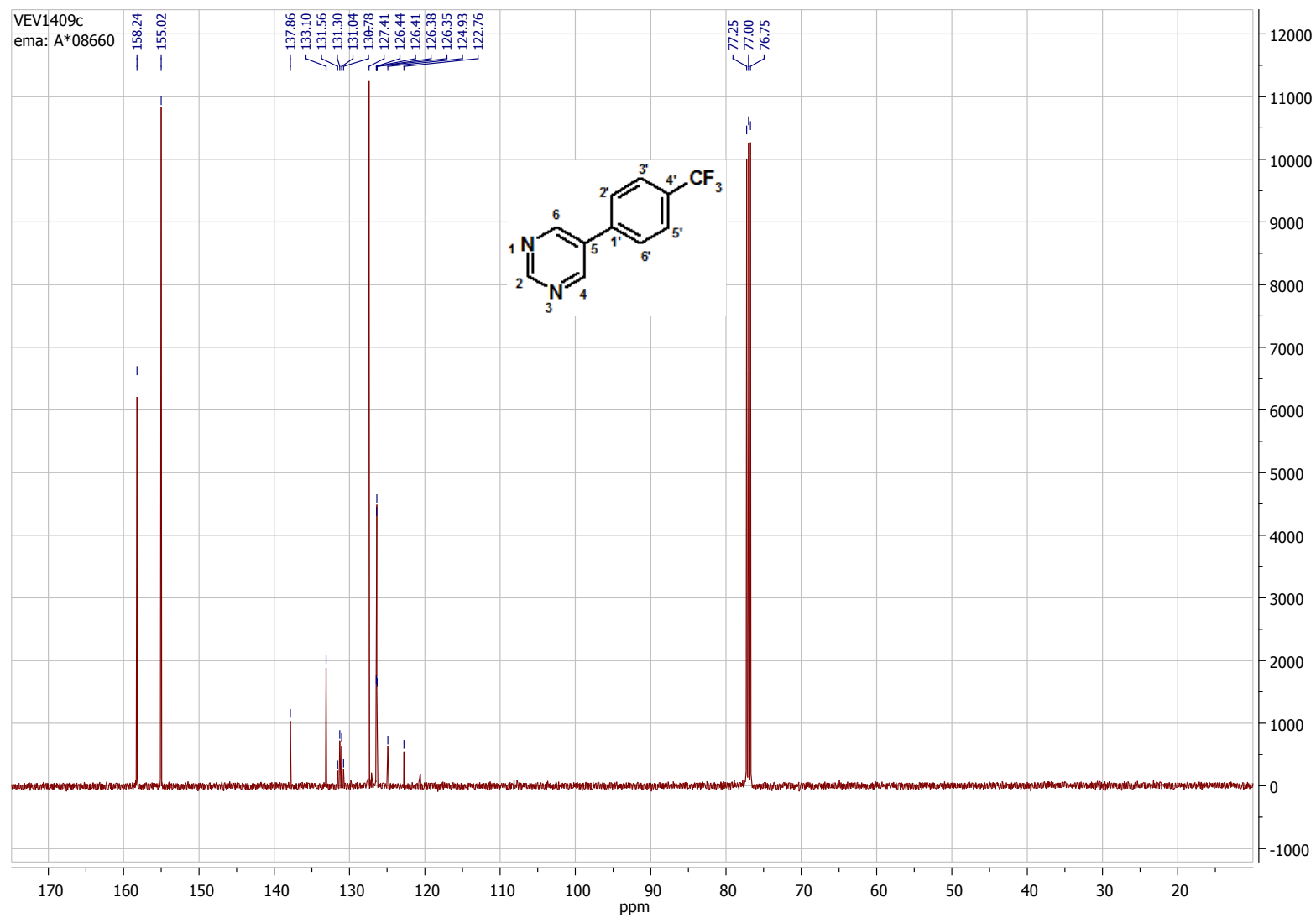
^1H NMR (500 MHz, CDCl_3) spectrum of **3b**.



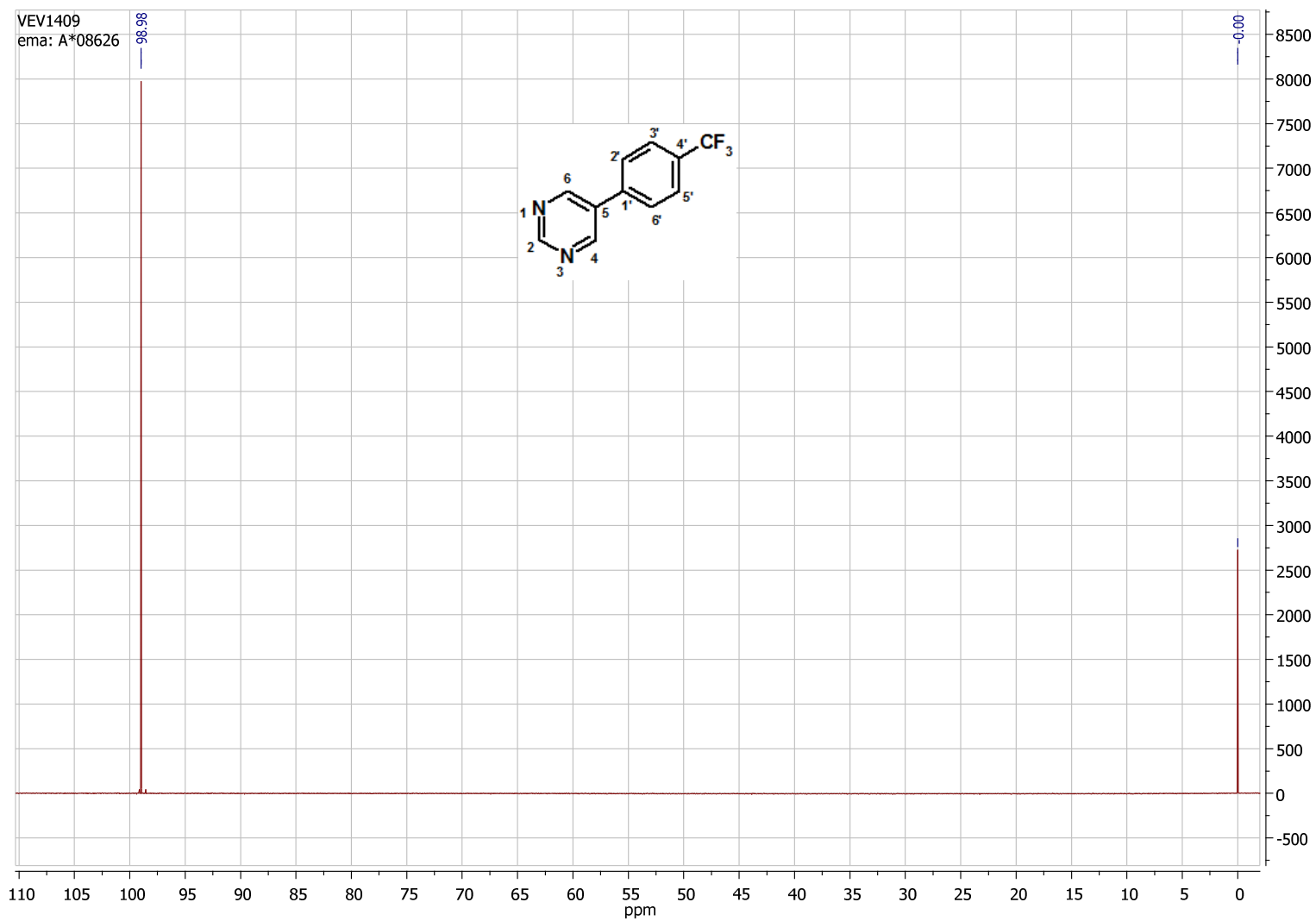
^{13}C NMR (126 MHz, CDCl_3) spectrum of **3b**.



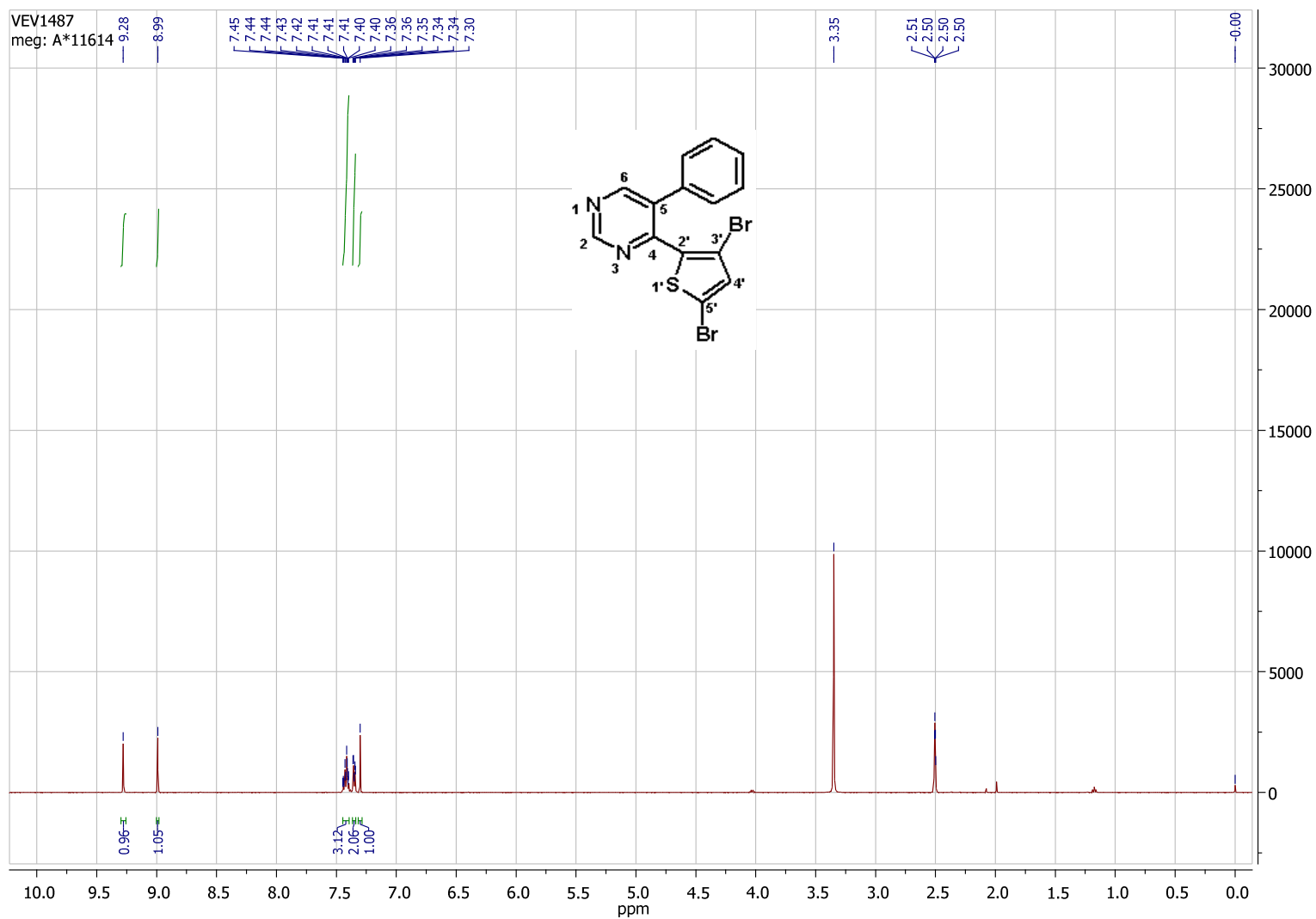
^1H NMR (500 MHz, CDCl_3) spectrum of **3c**.



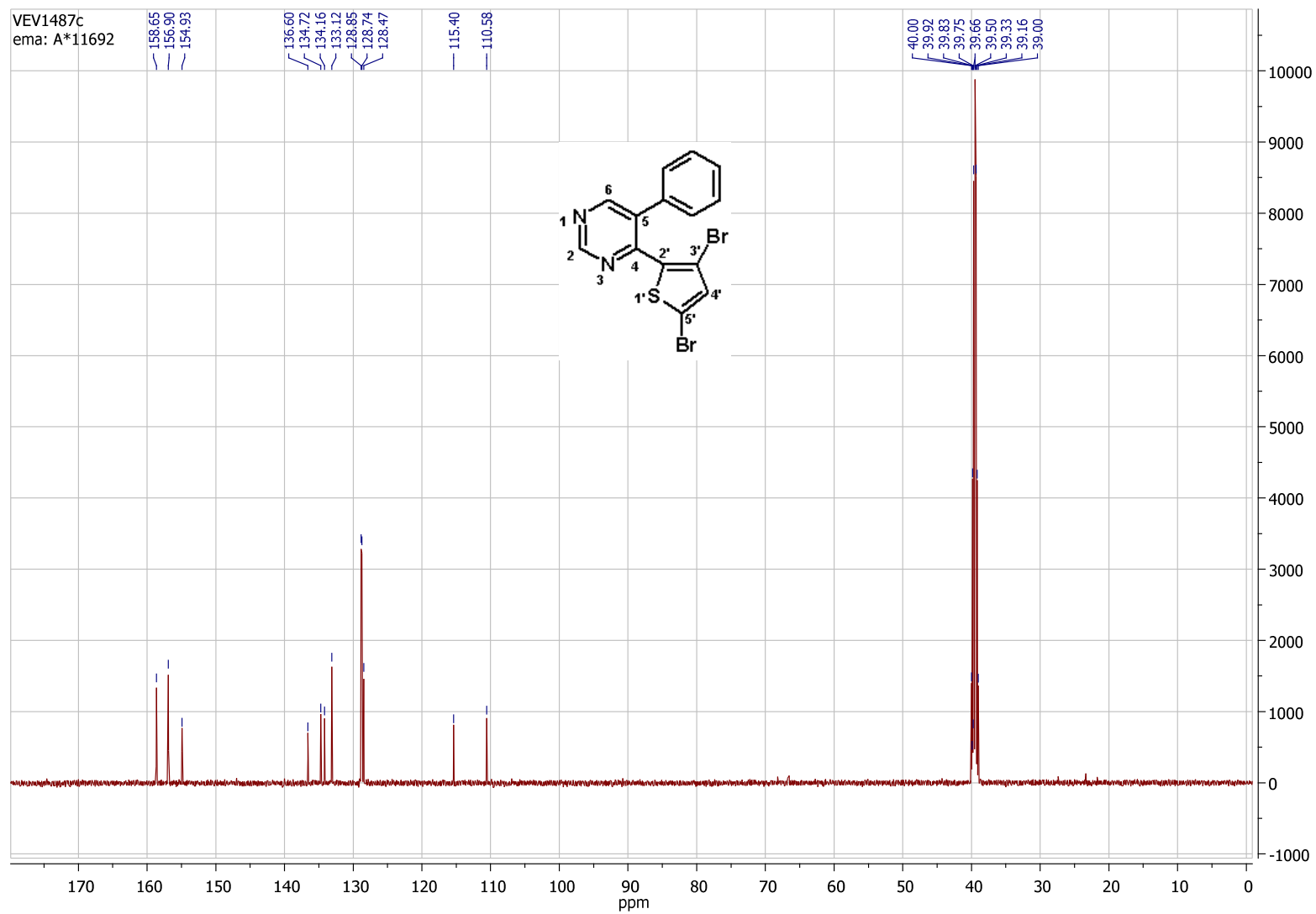
^{13}C NMR (126 MHz, CDCl_3) spectrum of **3c**.



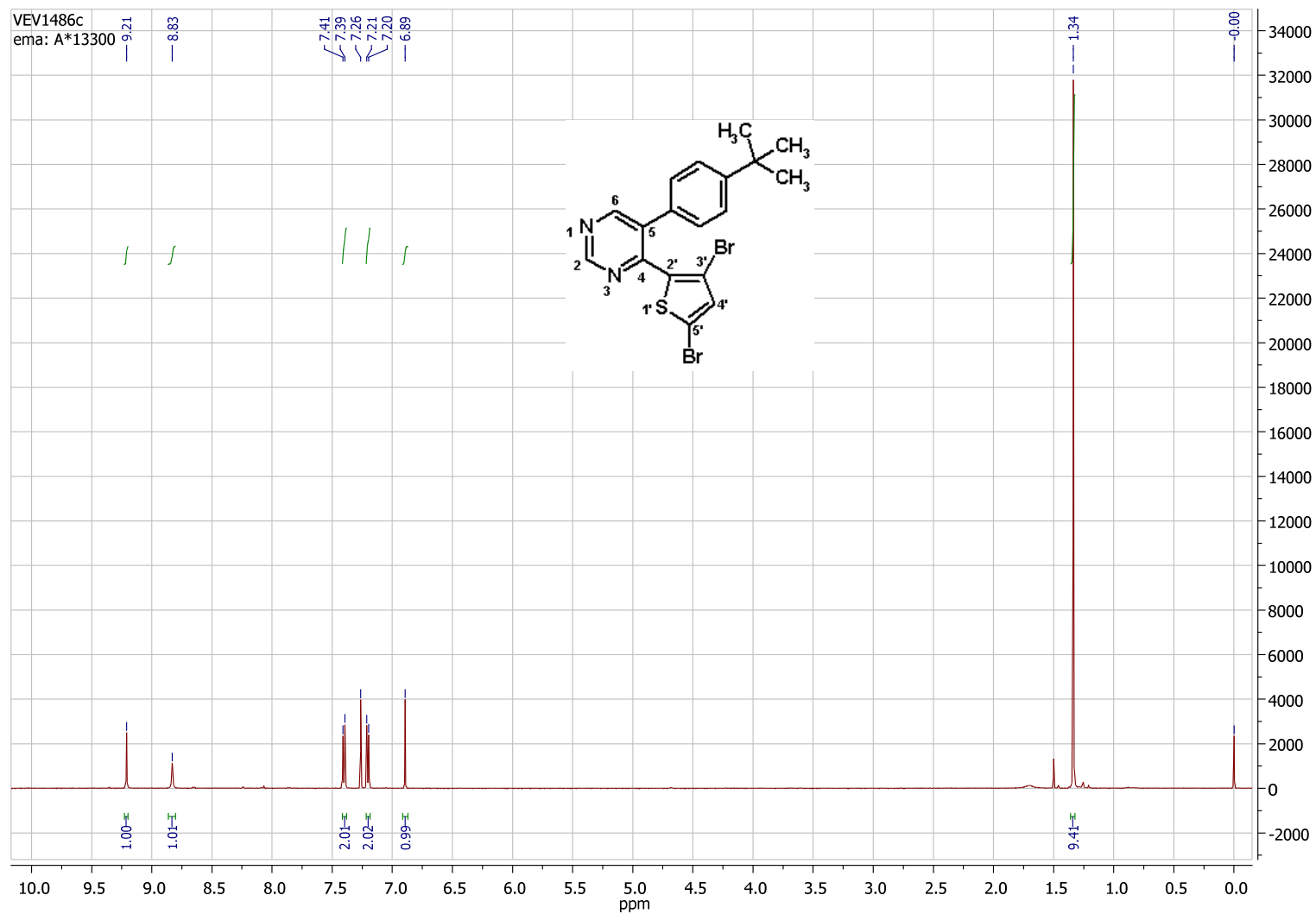
¹⁹F NMR (470.5 MHz, CDCl₃) spectrum of **3c**.



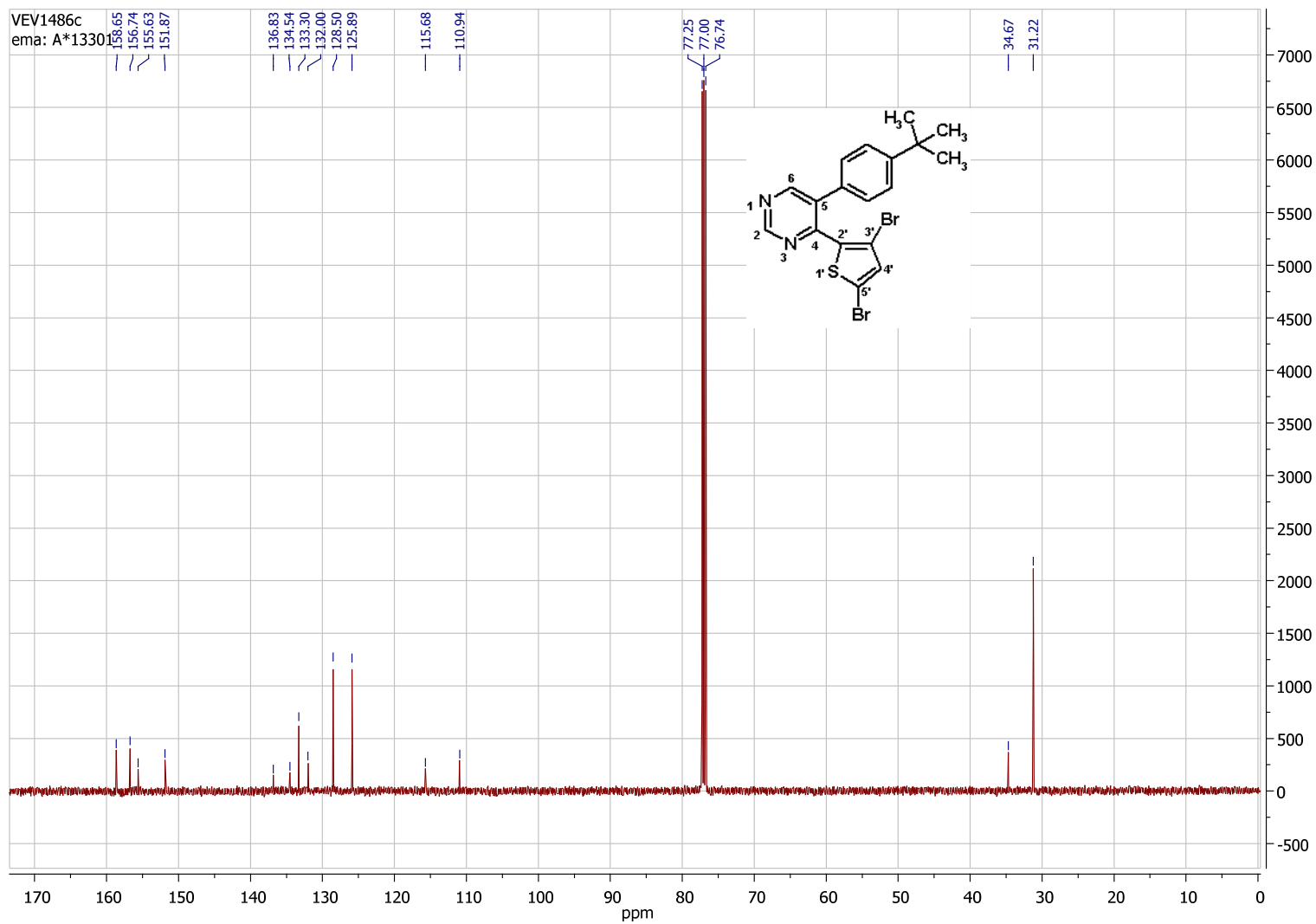
^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of **5a**.



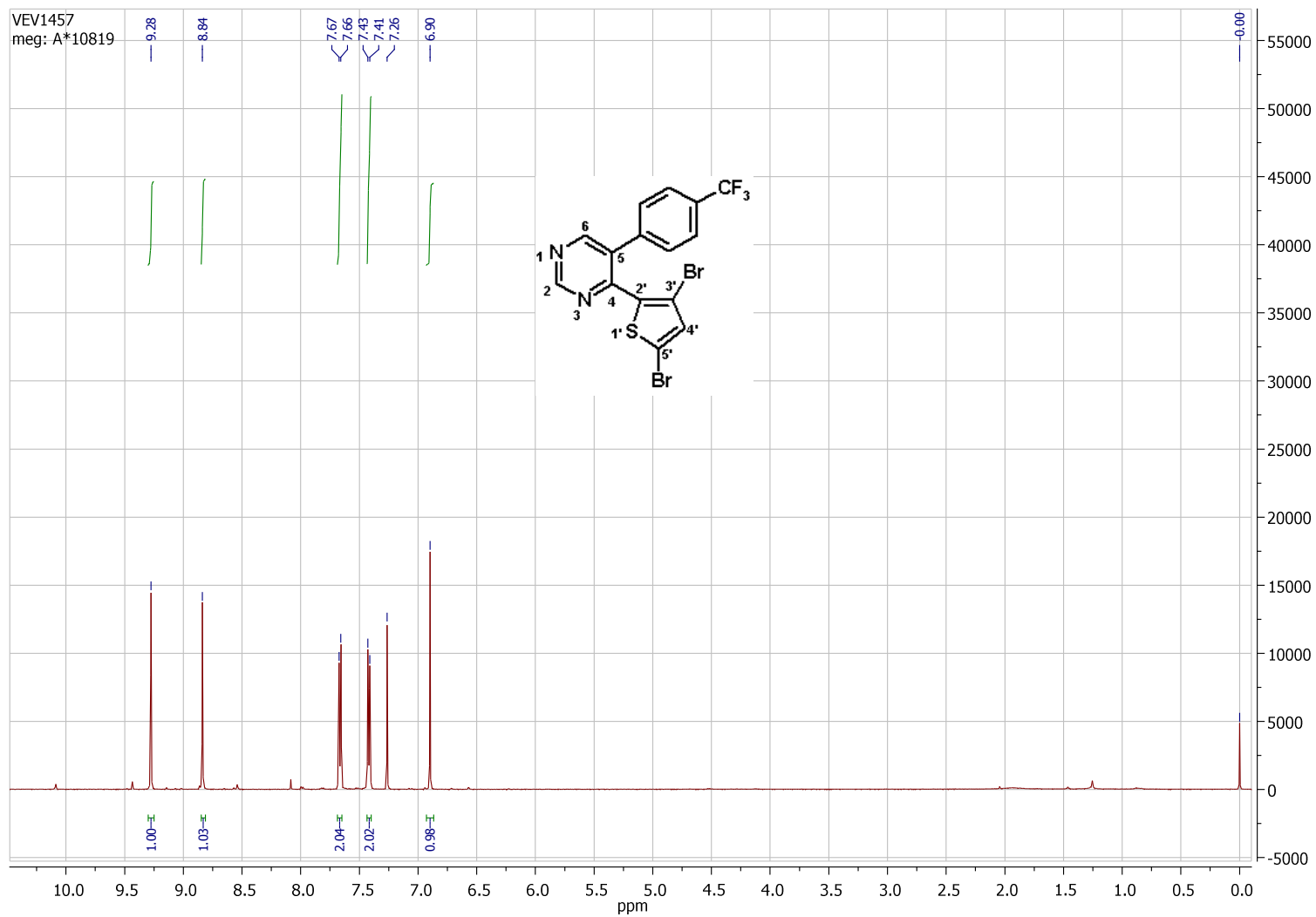
^{13}C NMR (126 MHz, $\text{DMSO}-d_6$) spectrum of **5a**.



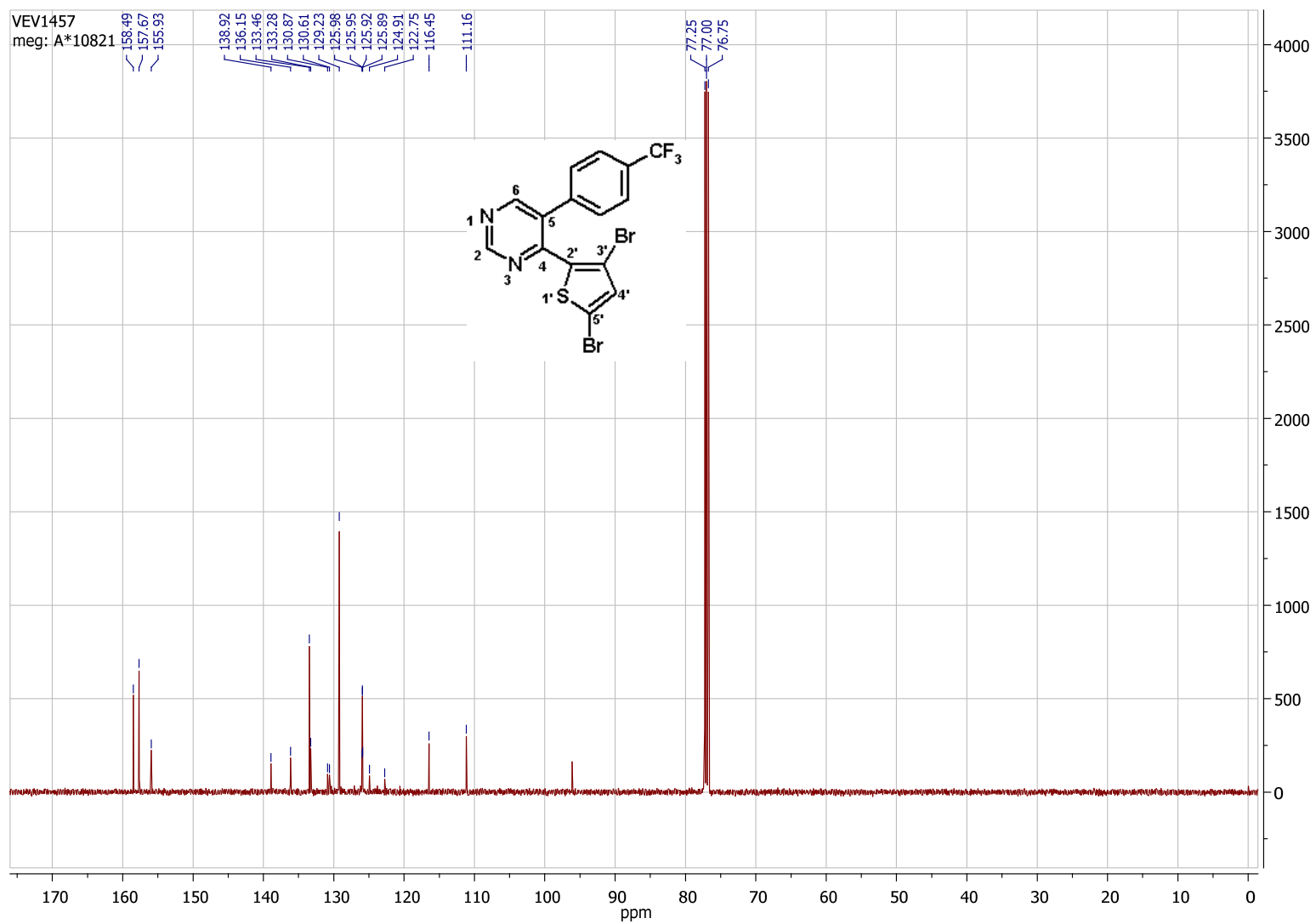
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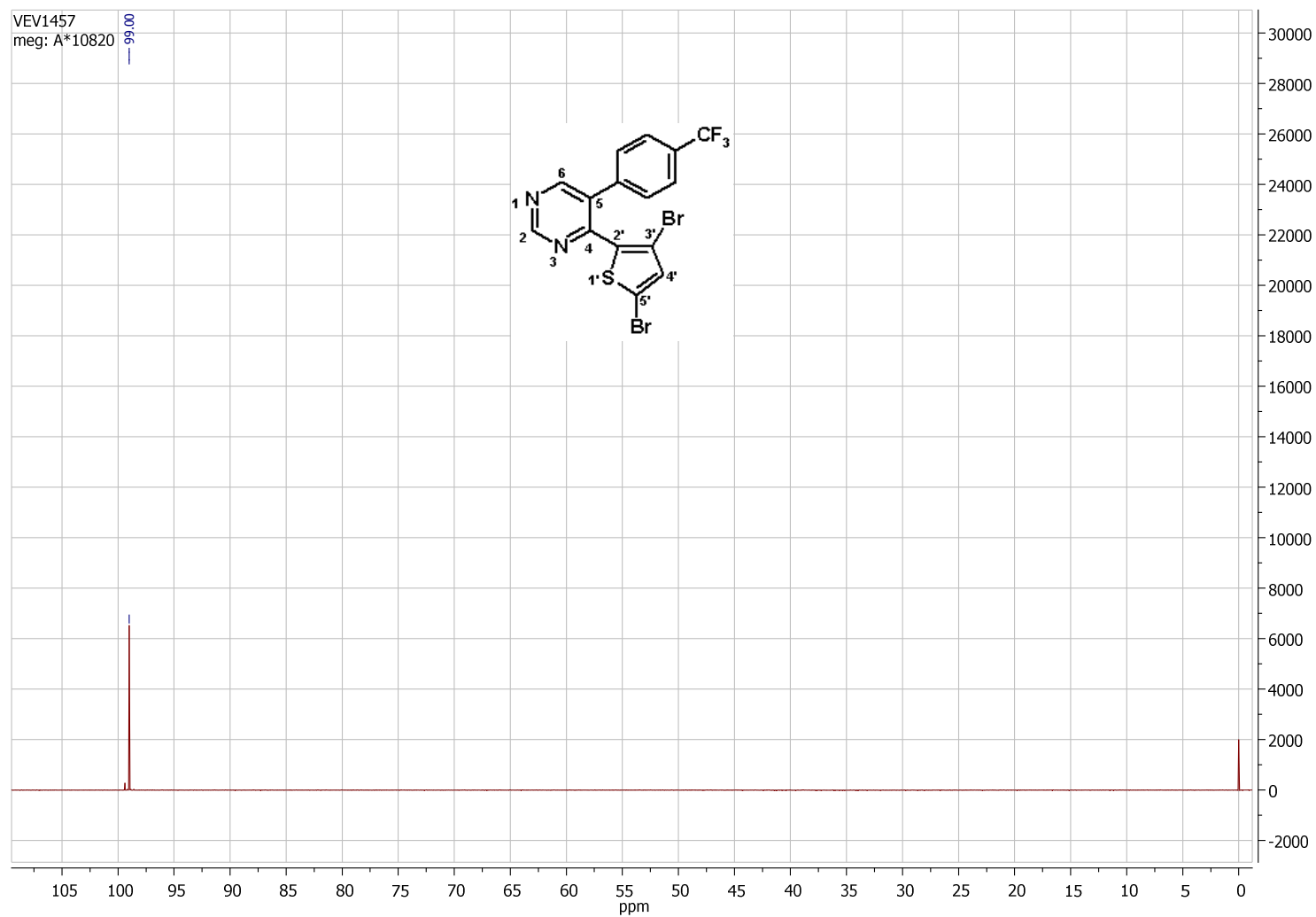
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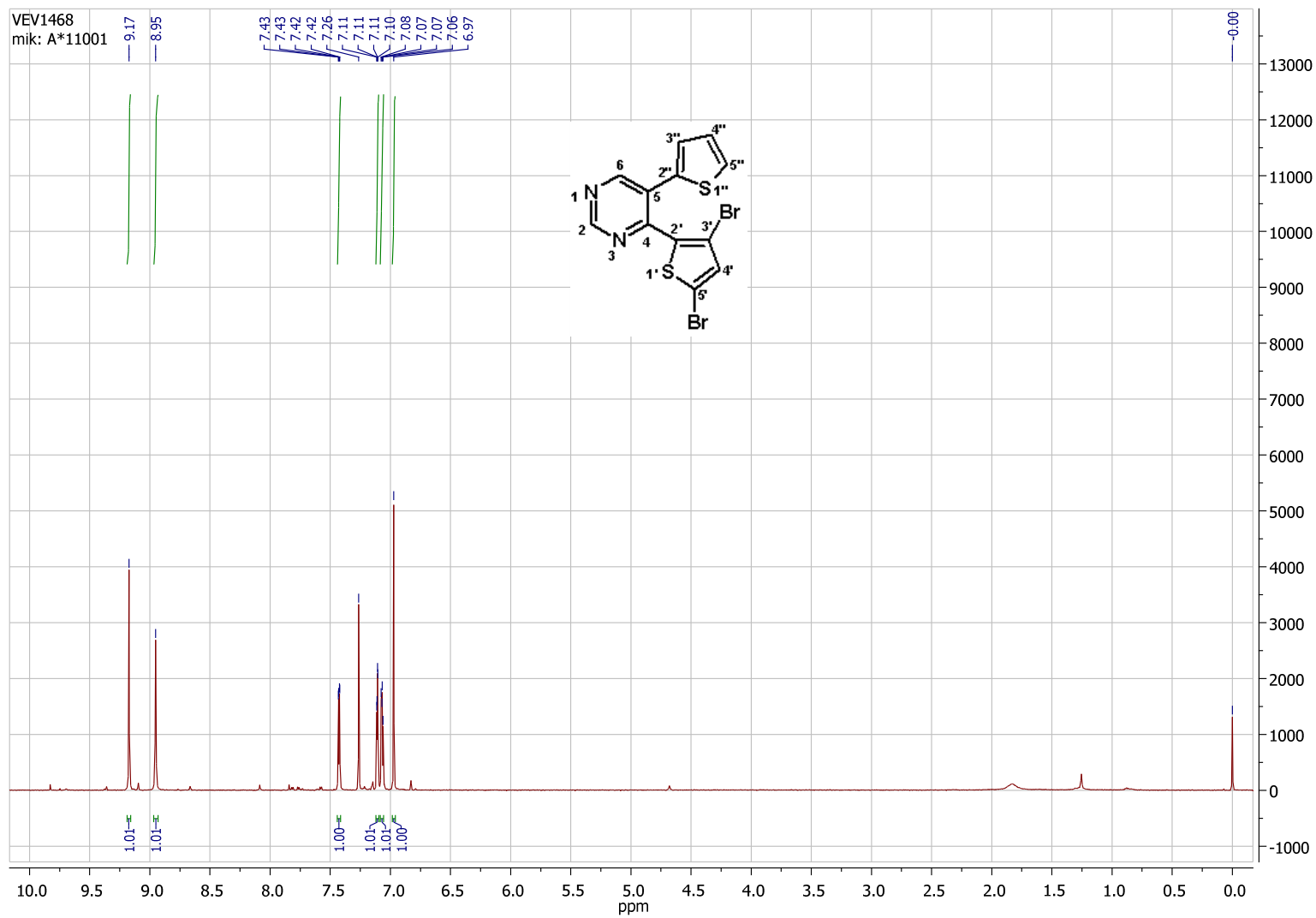
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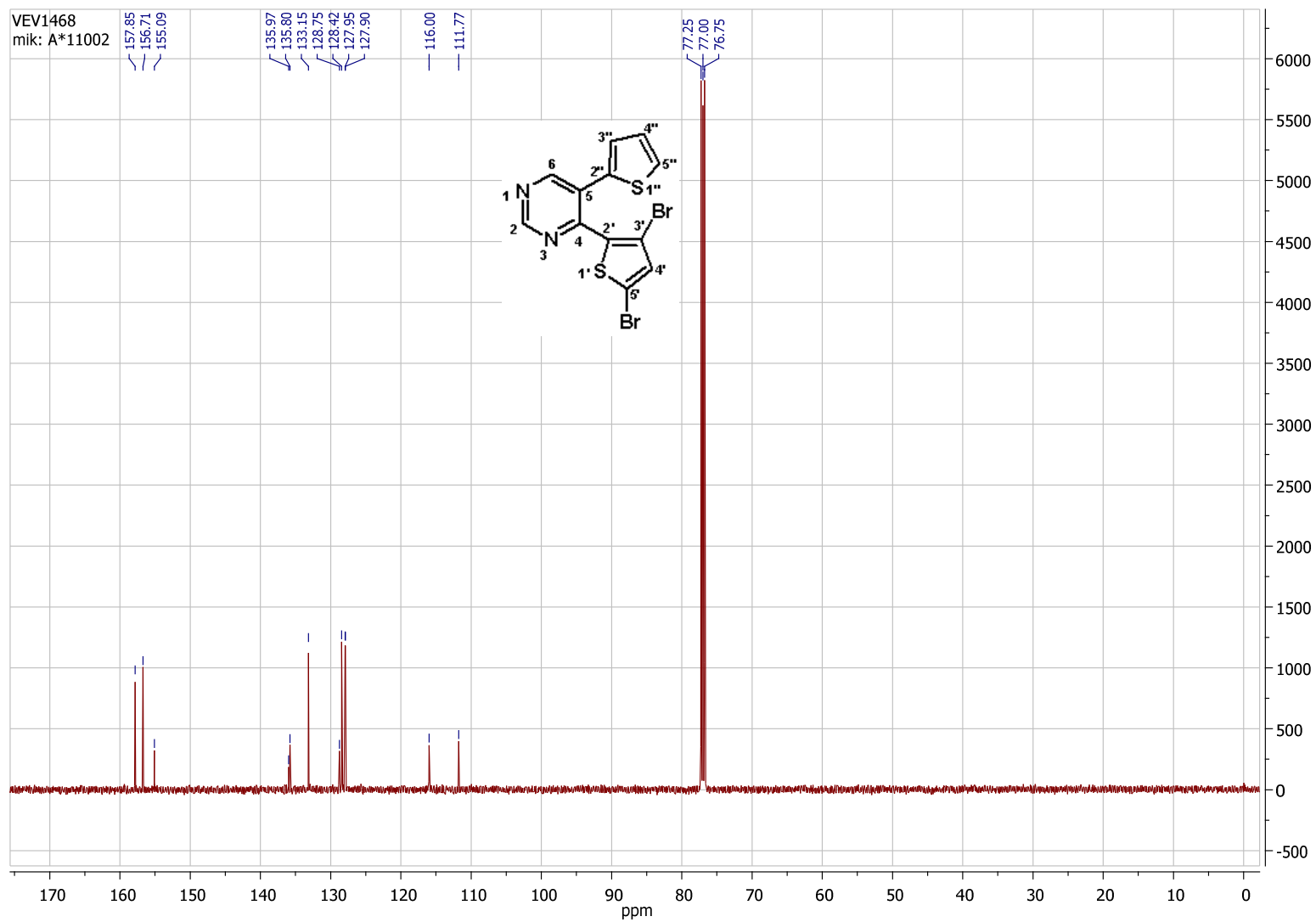
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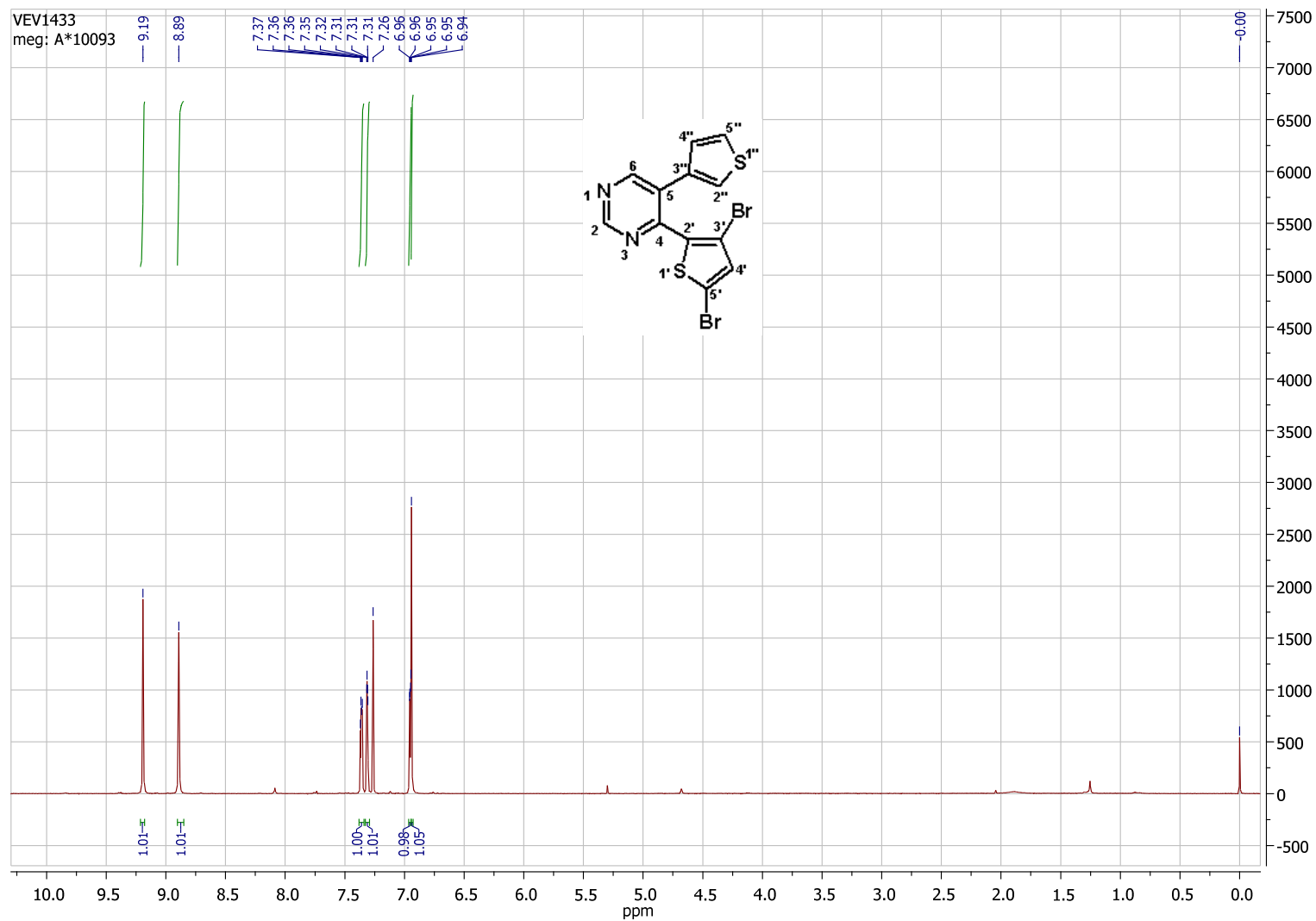
^{19}F NMR (470.5 MHz, CDCl_3) spectrum of **5c**.



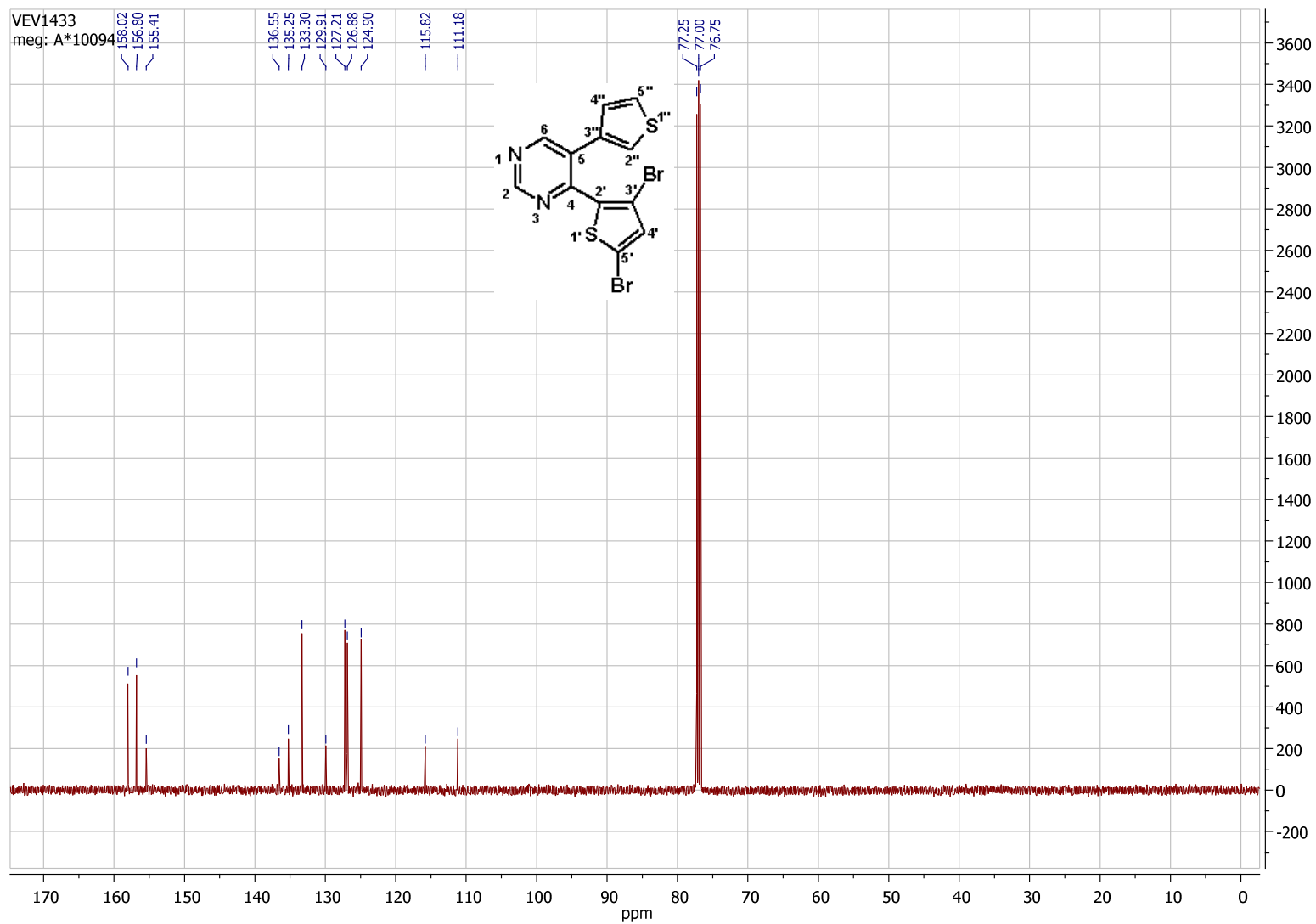
^1H NMR (500 MHz, CDCl_3) spectrum of **5d**.



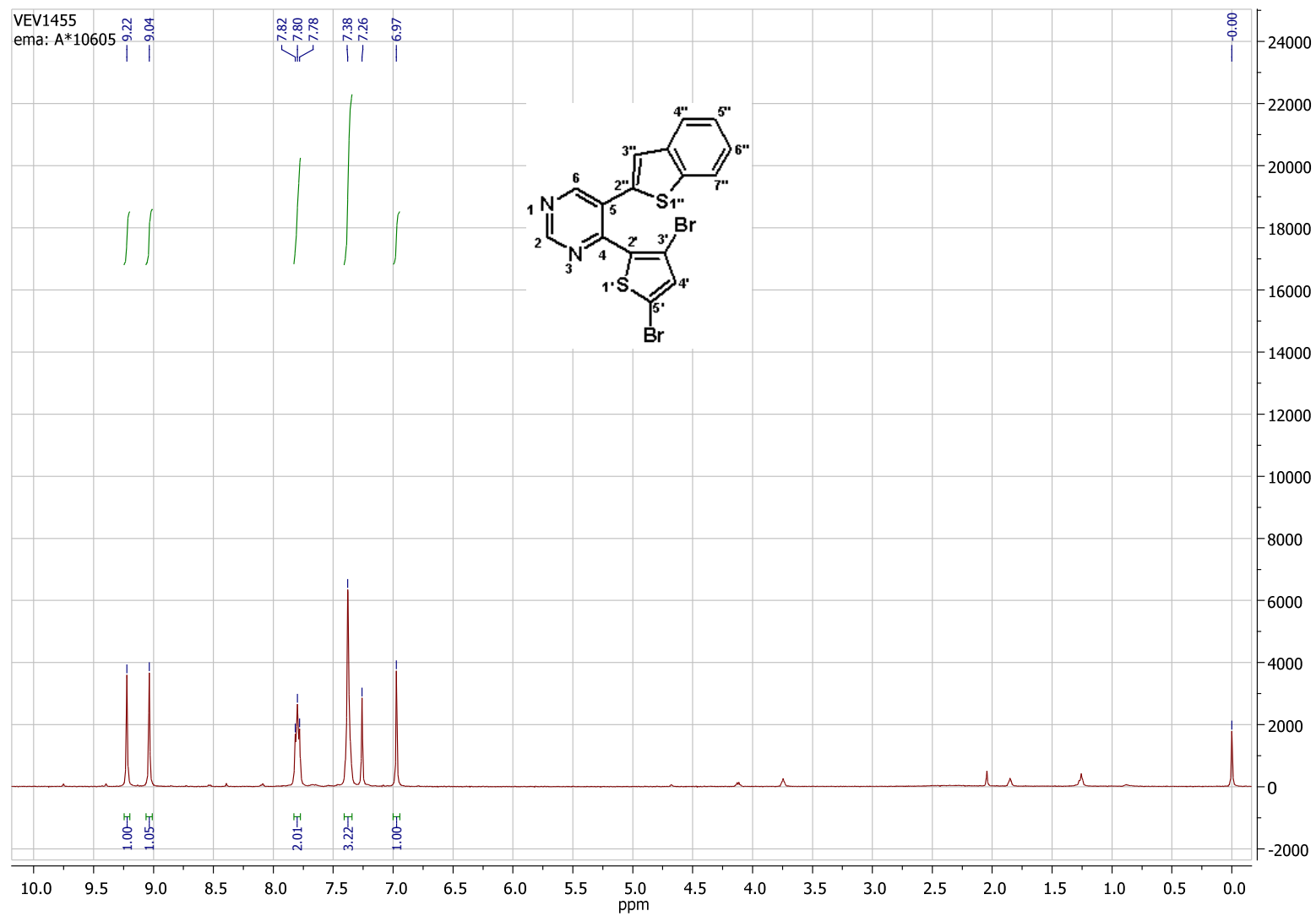
^{13}C NMR (126 MHz, CDCl_3) spectrum of **5d**.



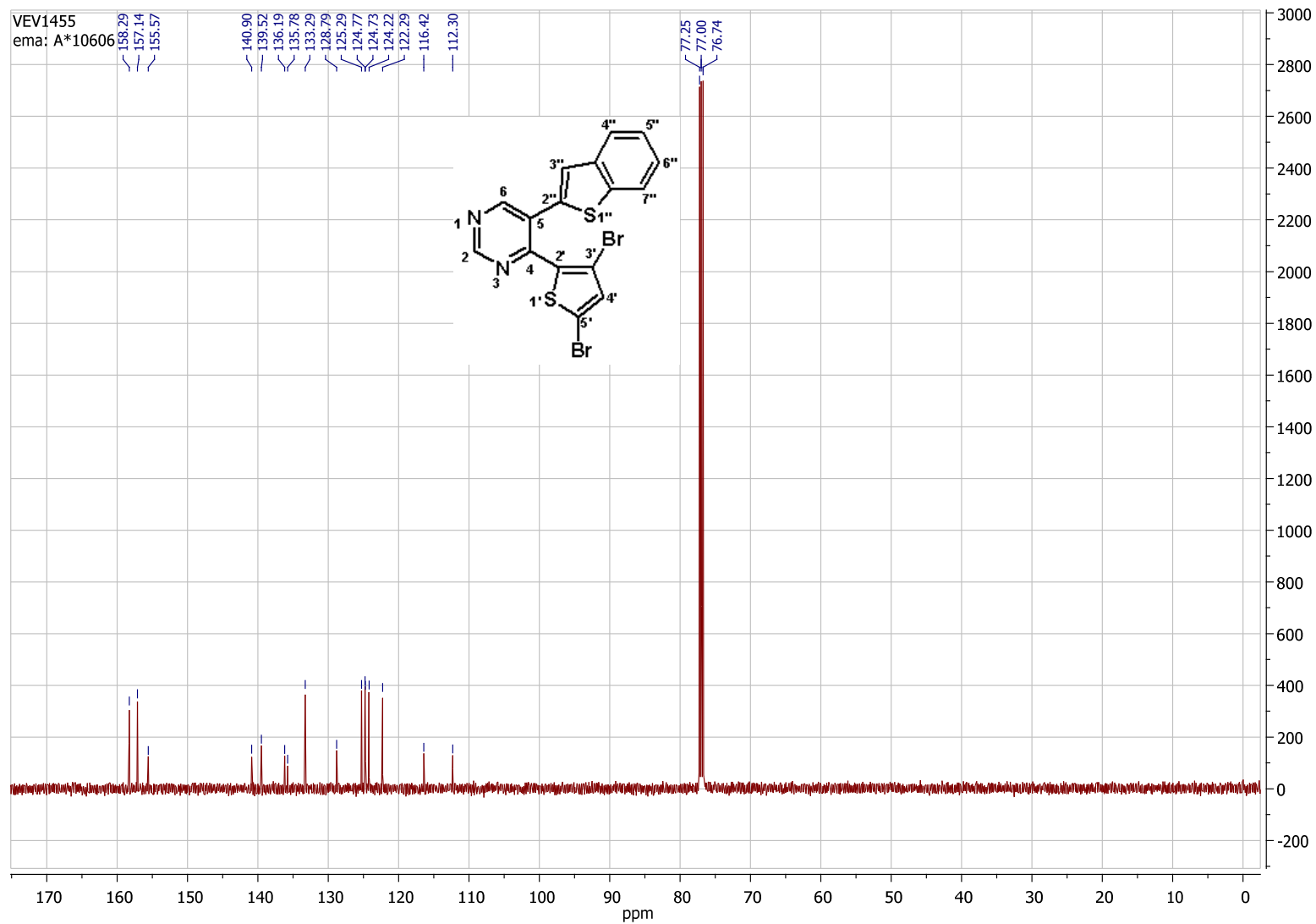
^1H NMR (500 MHz, CDCl_3) spectrum of **5e**.



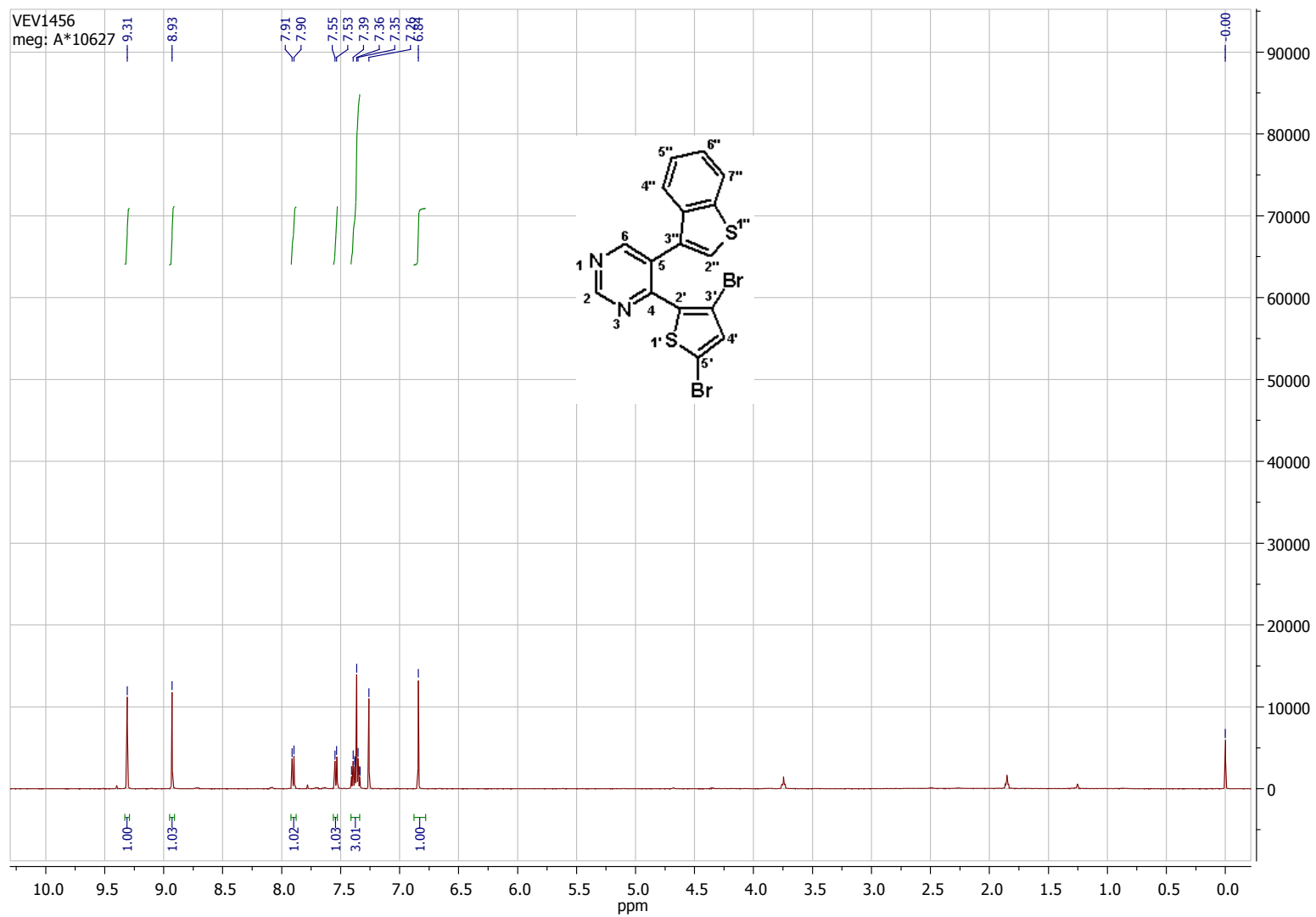
^{13}C NMR (126 MHz, CDCl_3) spectrum of **5e**.



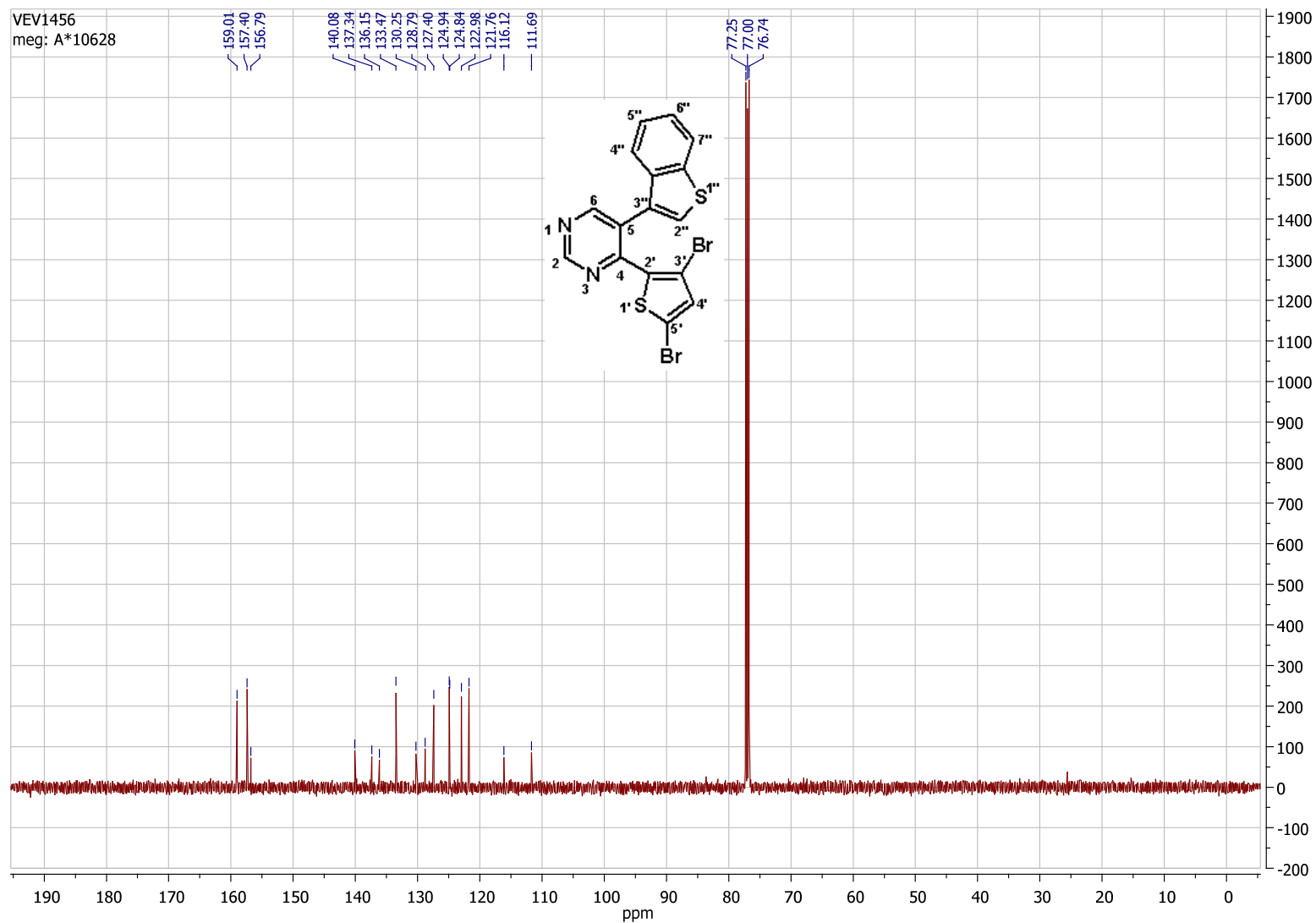
^1H NMR (500 MHz, CDCl_3) spectrum of **5f**.



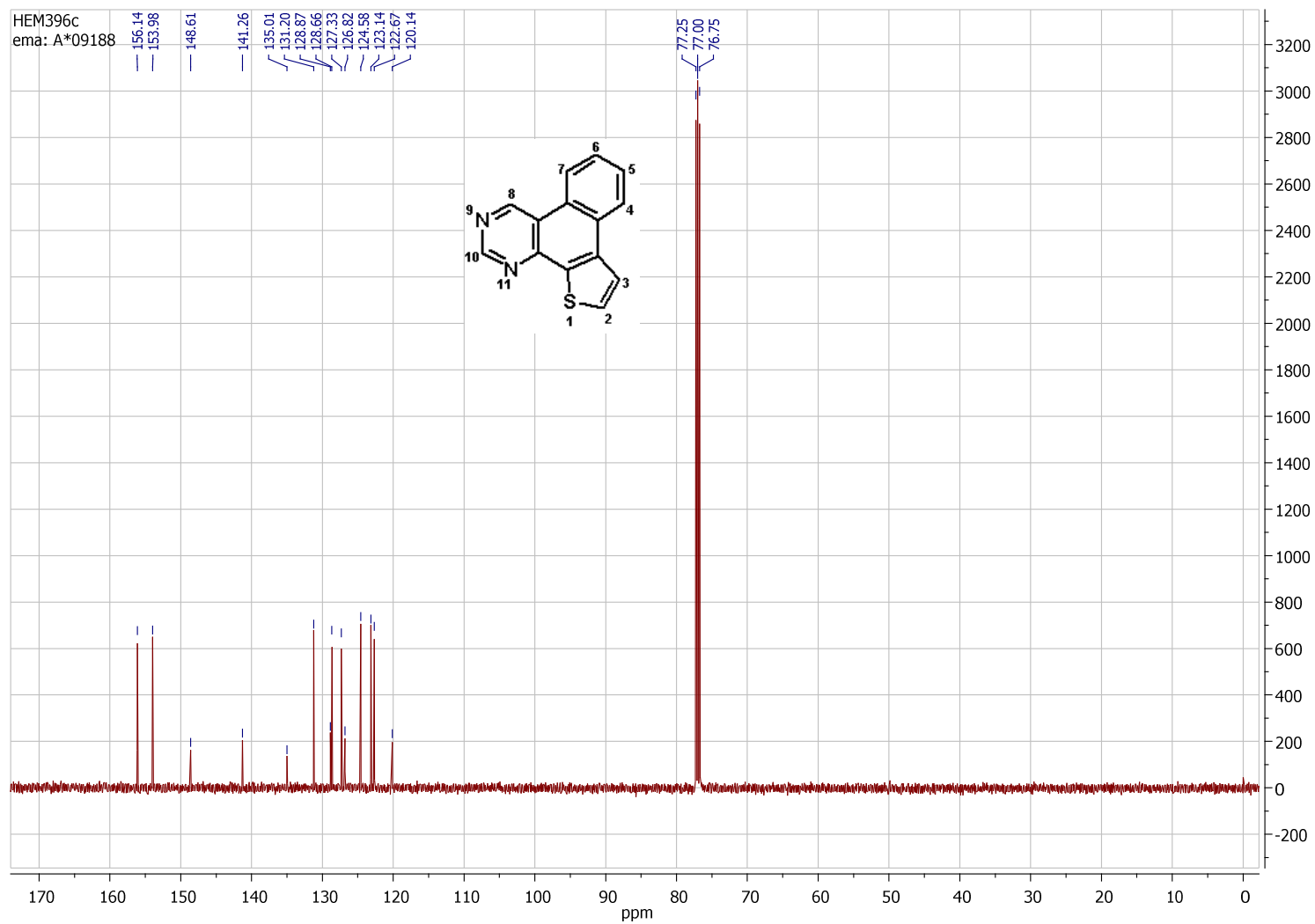
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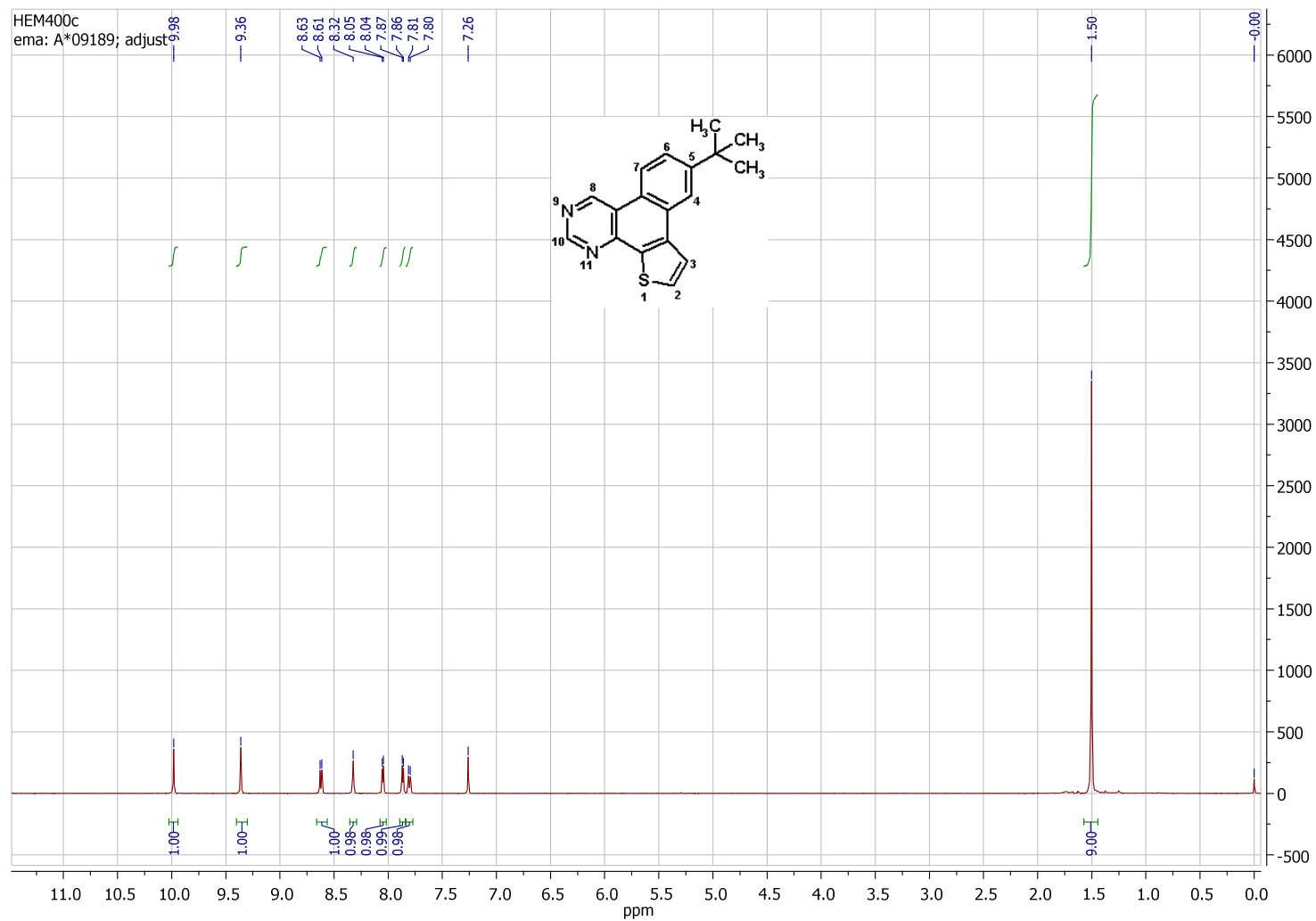
^1H NMR (500 MHz, CDCl_3) spectrum of **5g**.



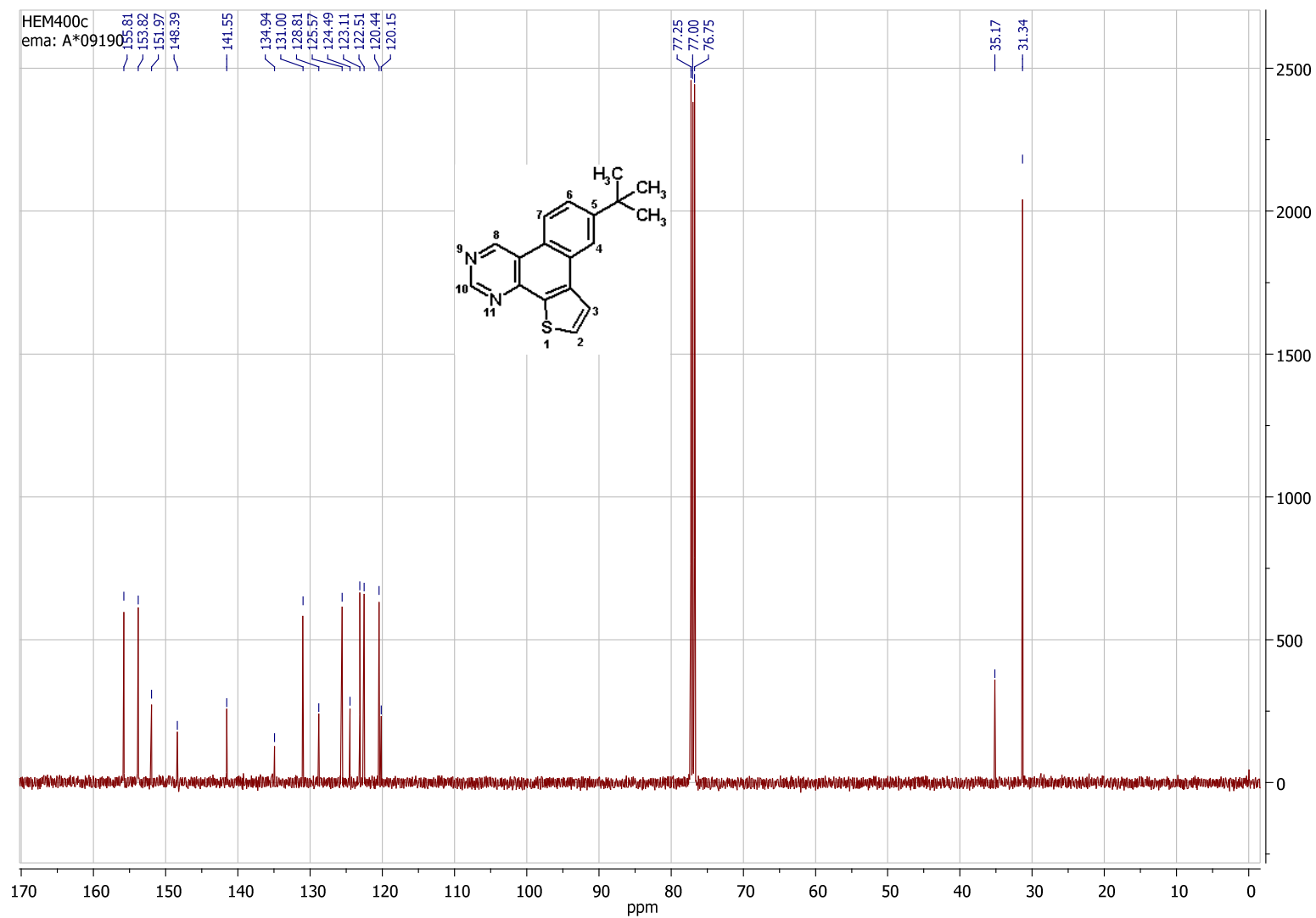
^{13}C NMR (126 MHz, CDCl_3) spectrum of **5g**.



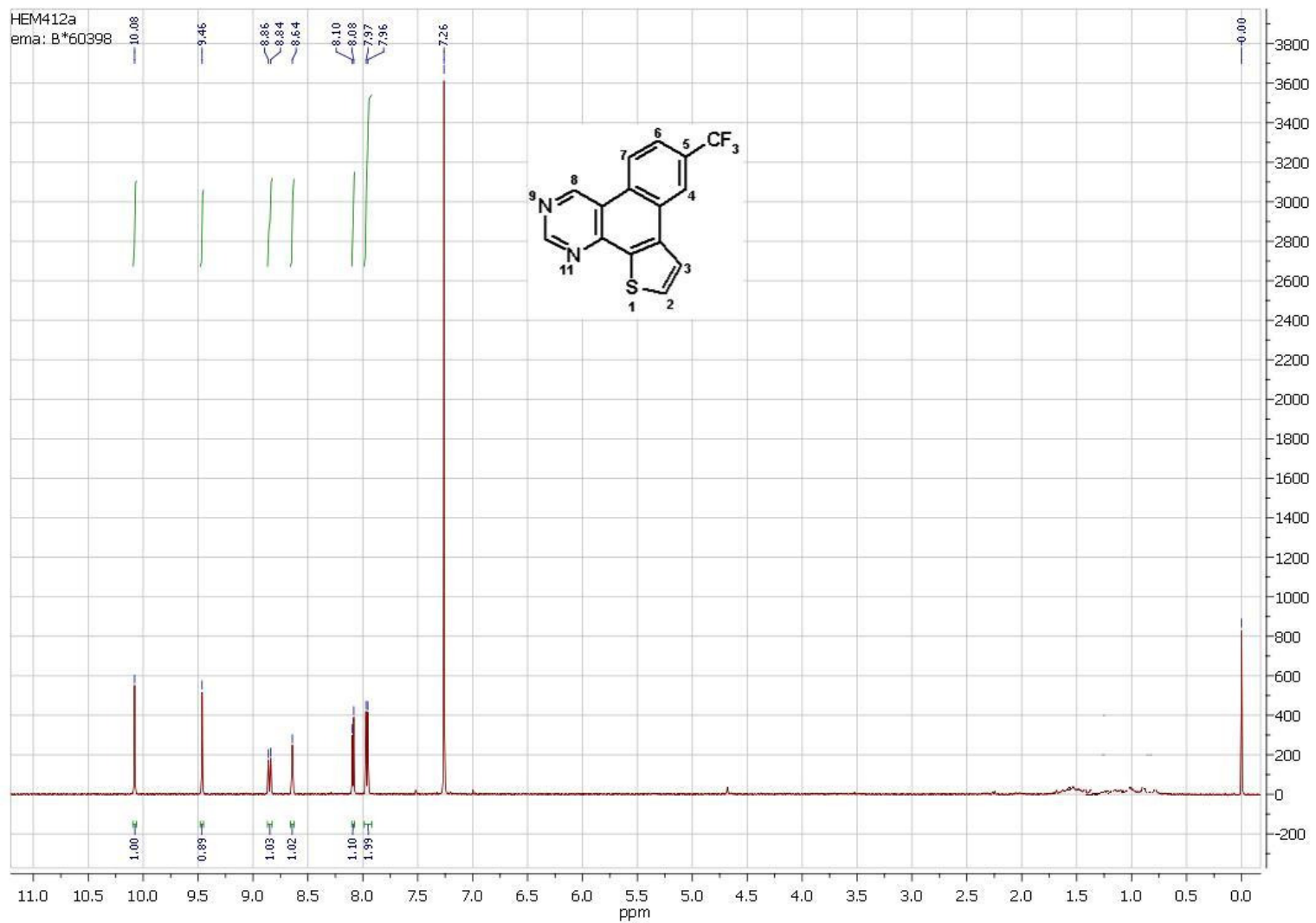
^{13}C NMR (126 MHz, CDCl_3) spectrum of **6a**.



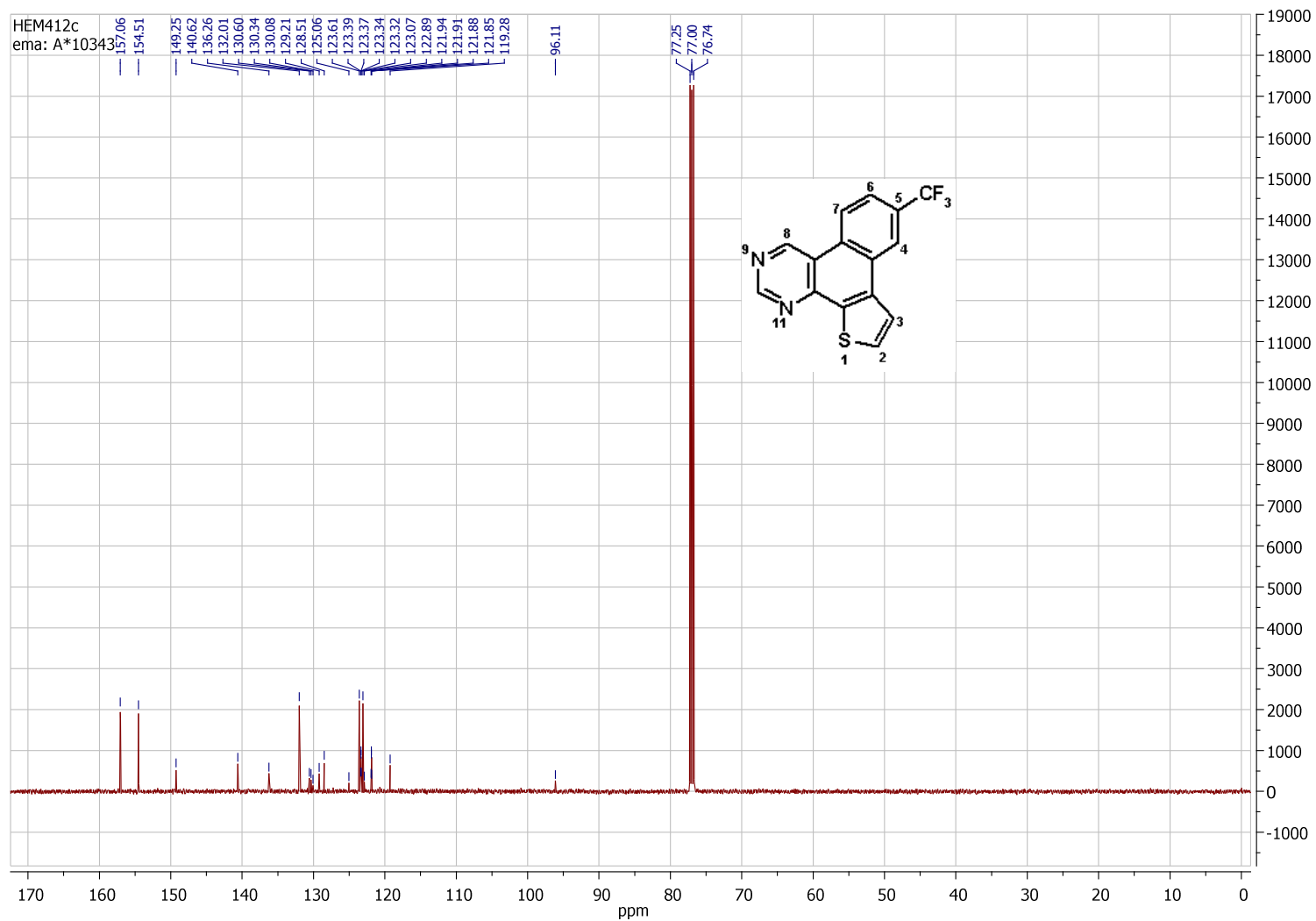
^1H NMR (500 MHz, CDCl_3) spectrum of **6b**.



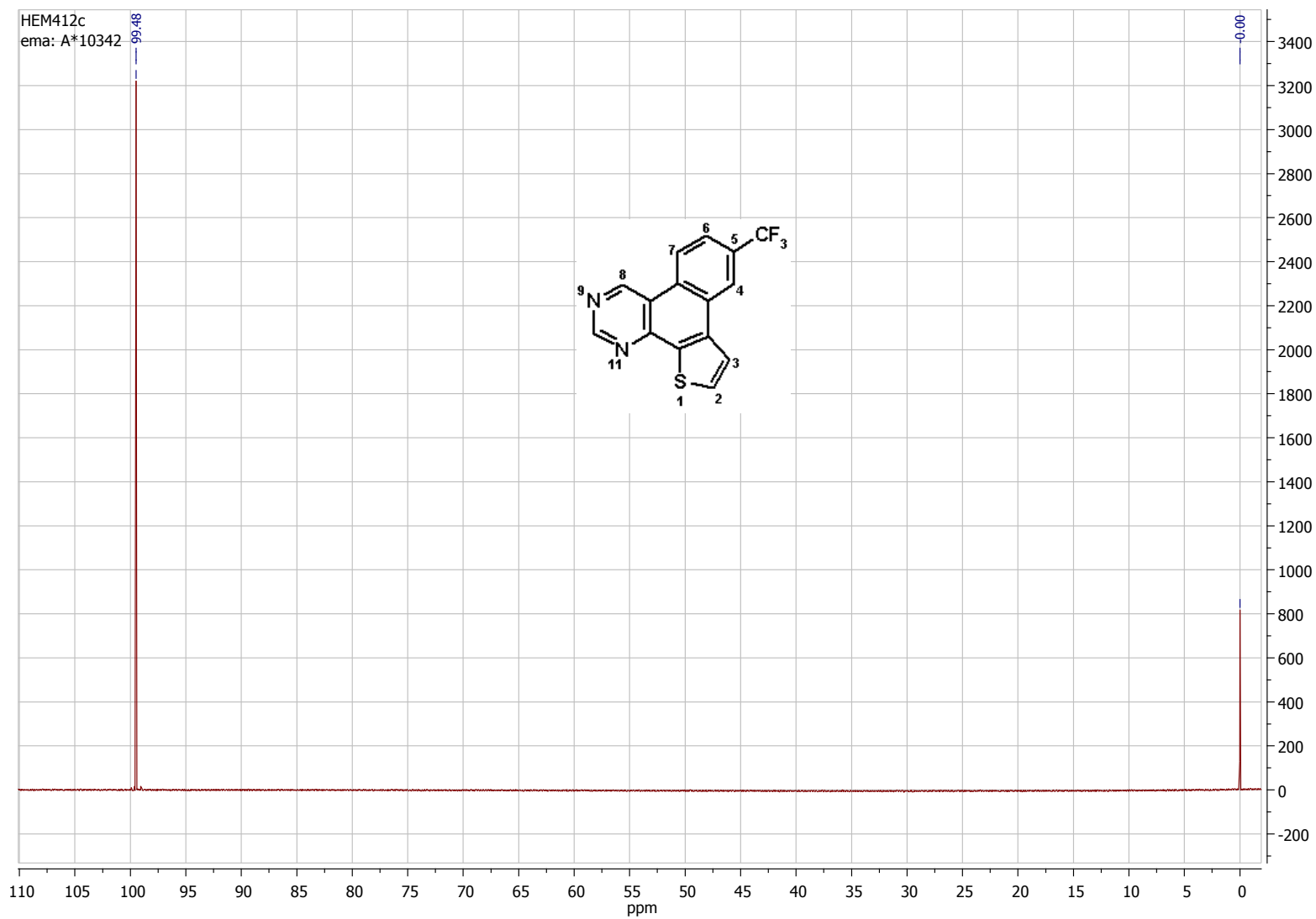
¹³C NMR (126 MHz, CDCl₃) spectrum of **6b**.



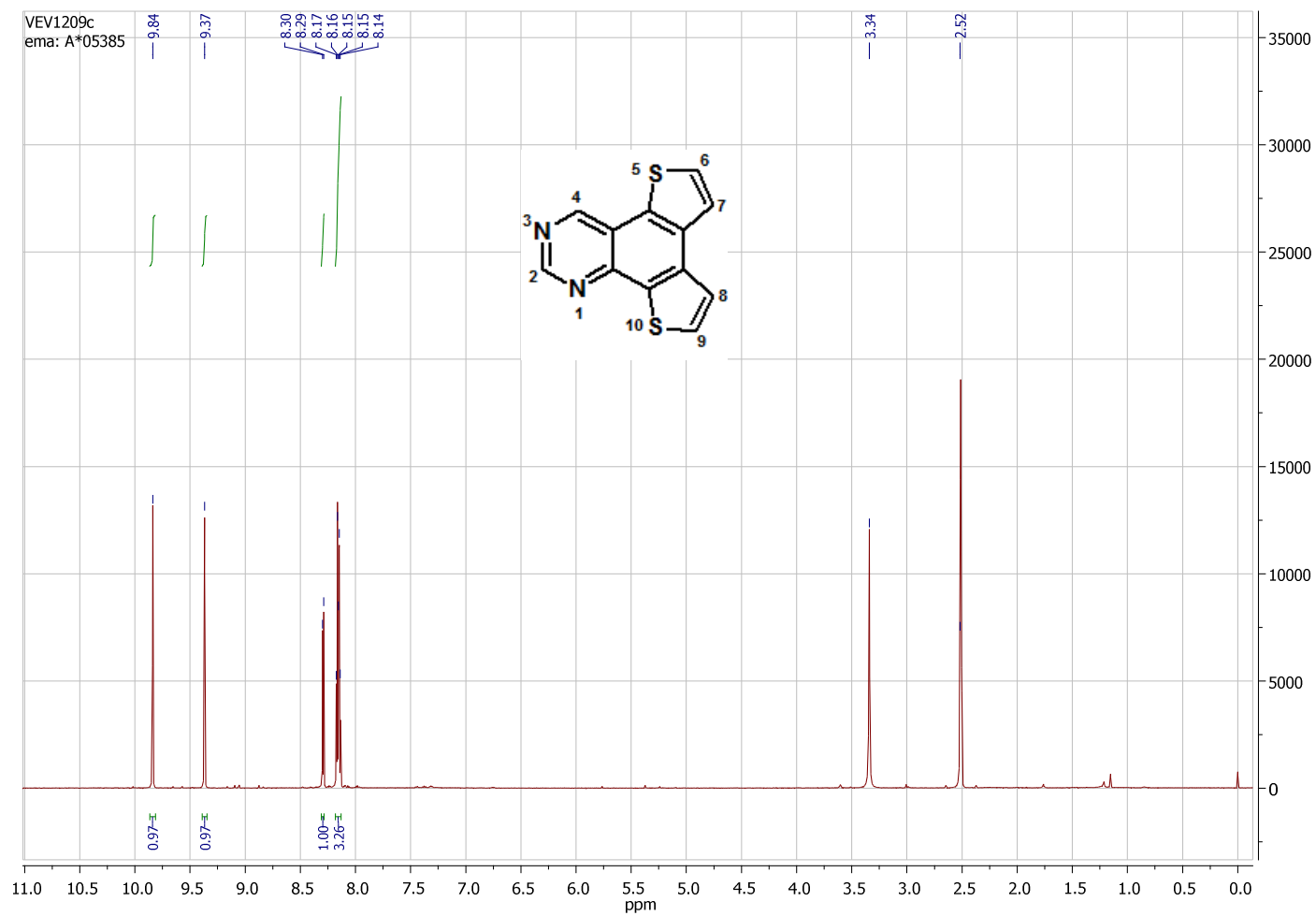
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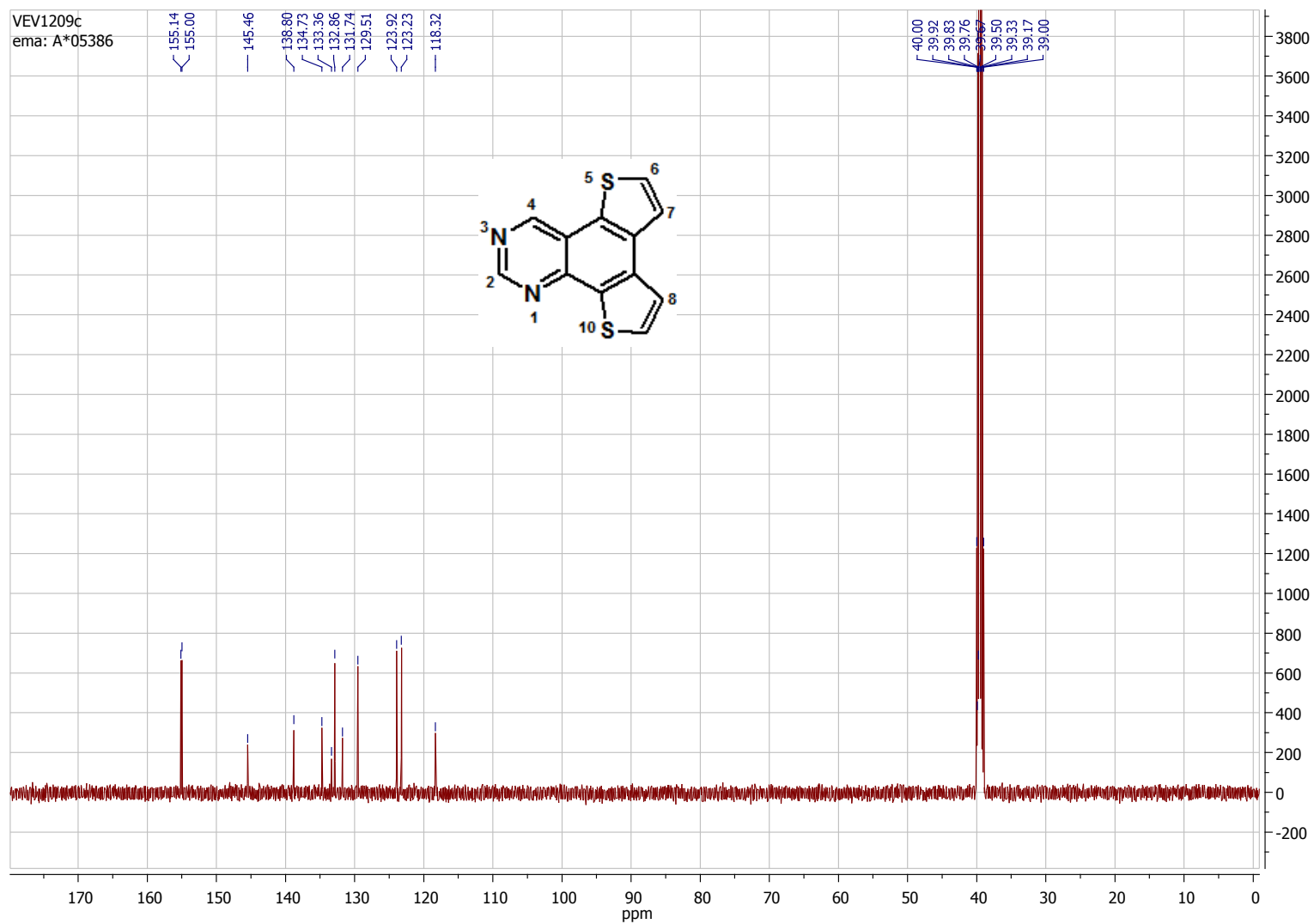
¹³C NMR (126 MHz, CDCl₃) spectrum of **6c**.



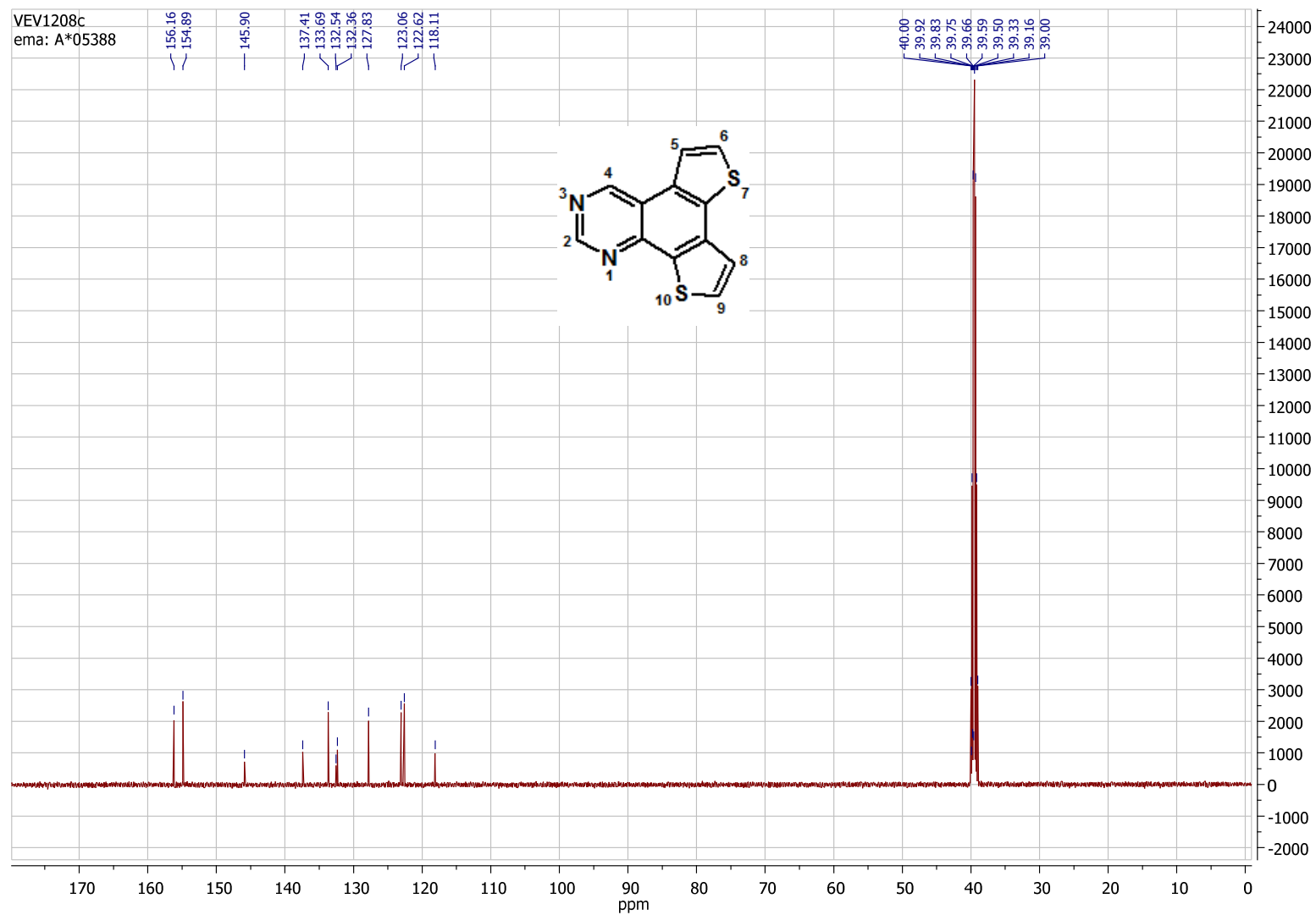
^{19}F NMR (470.5 MHz, CDCl_3) spectrum of **6c**.



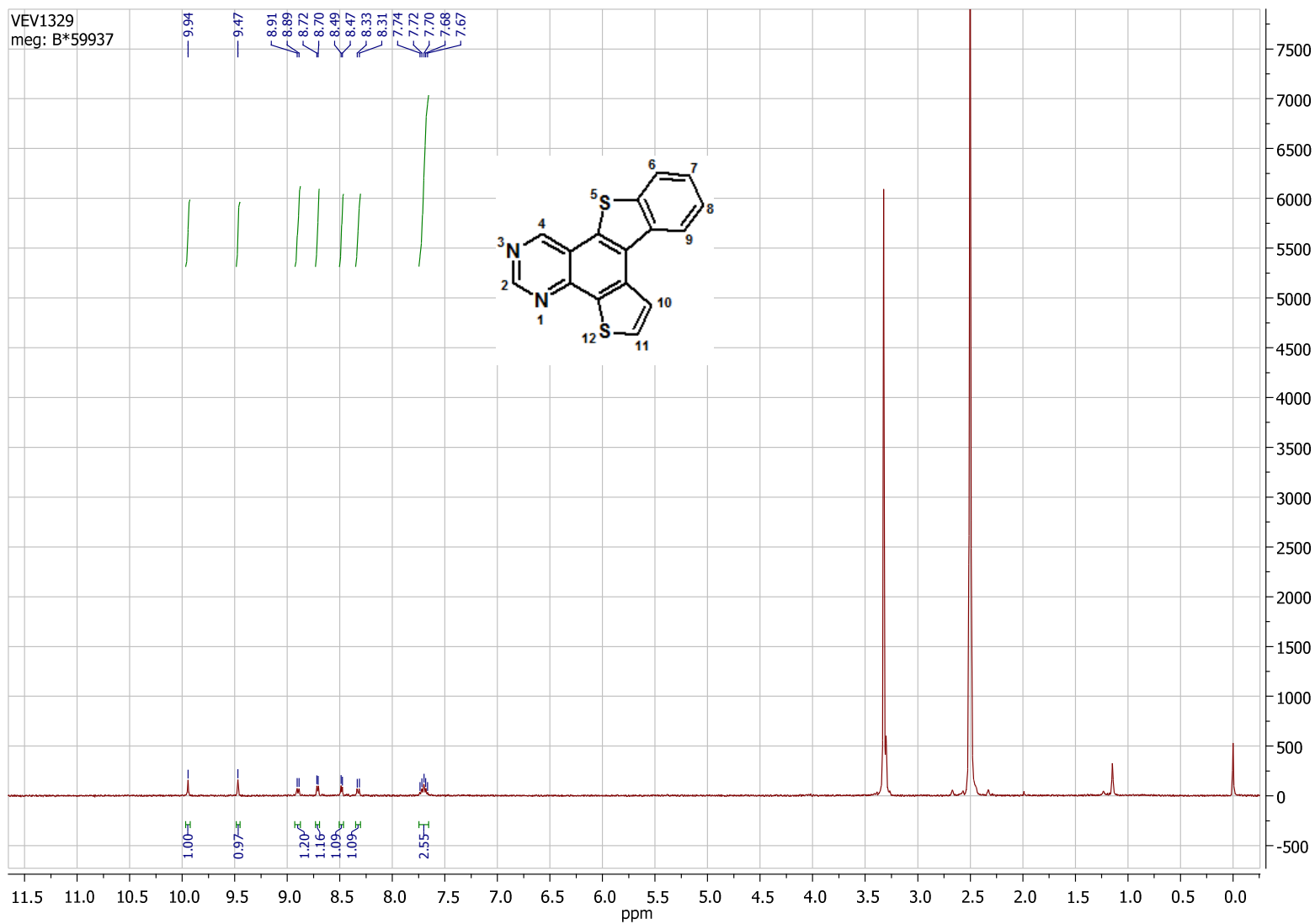
^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of **6d**.



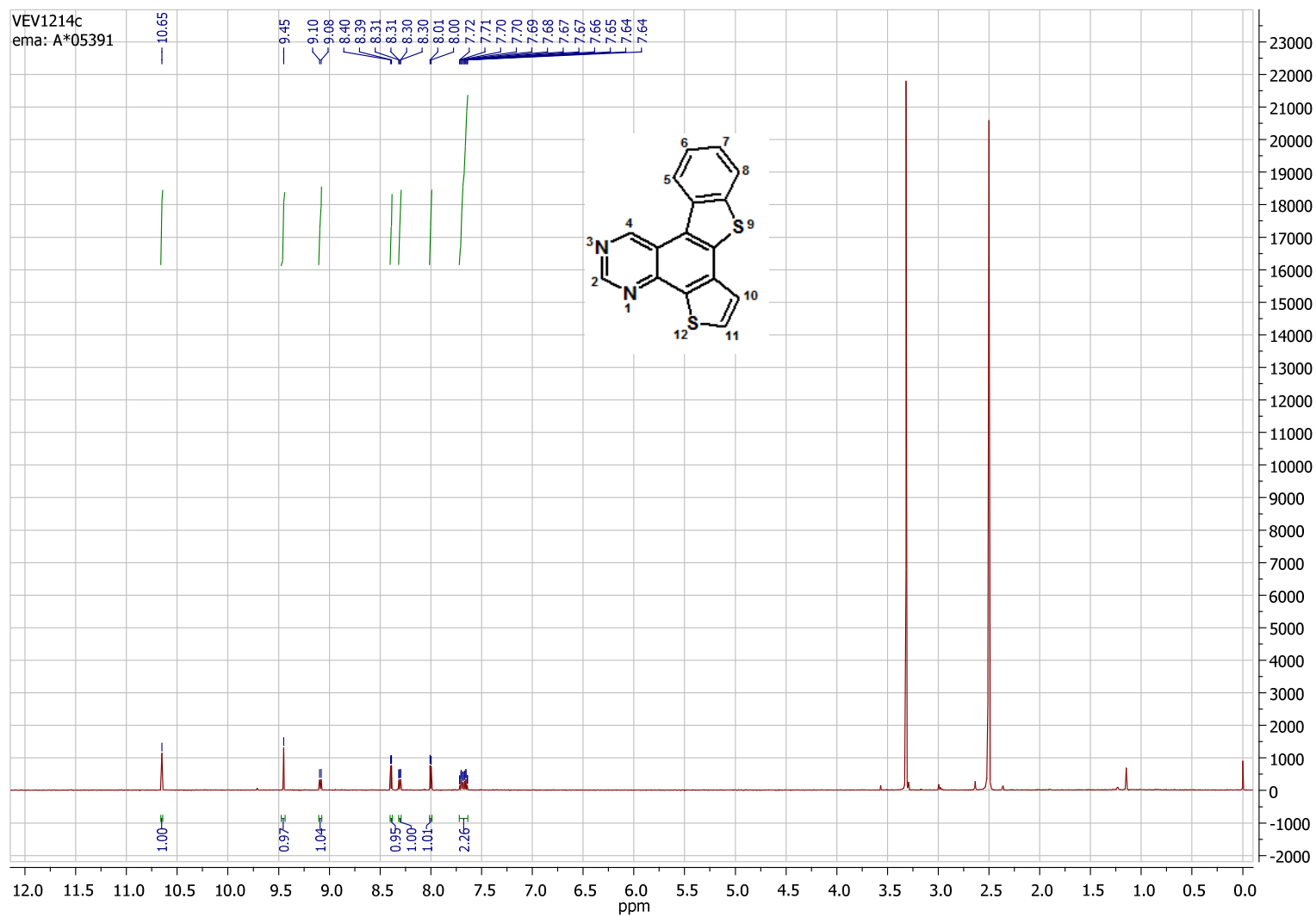
^{13}C NMR (126 MHz, $\text{DMSO-}d_6$) spectrum of **6d**.



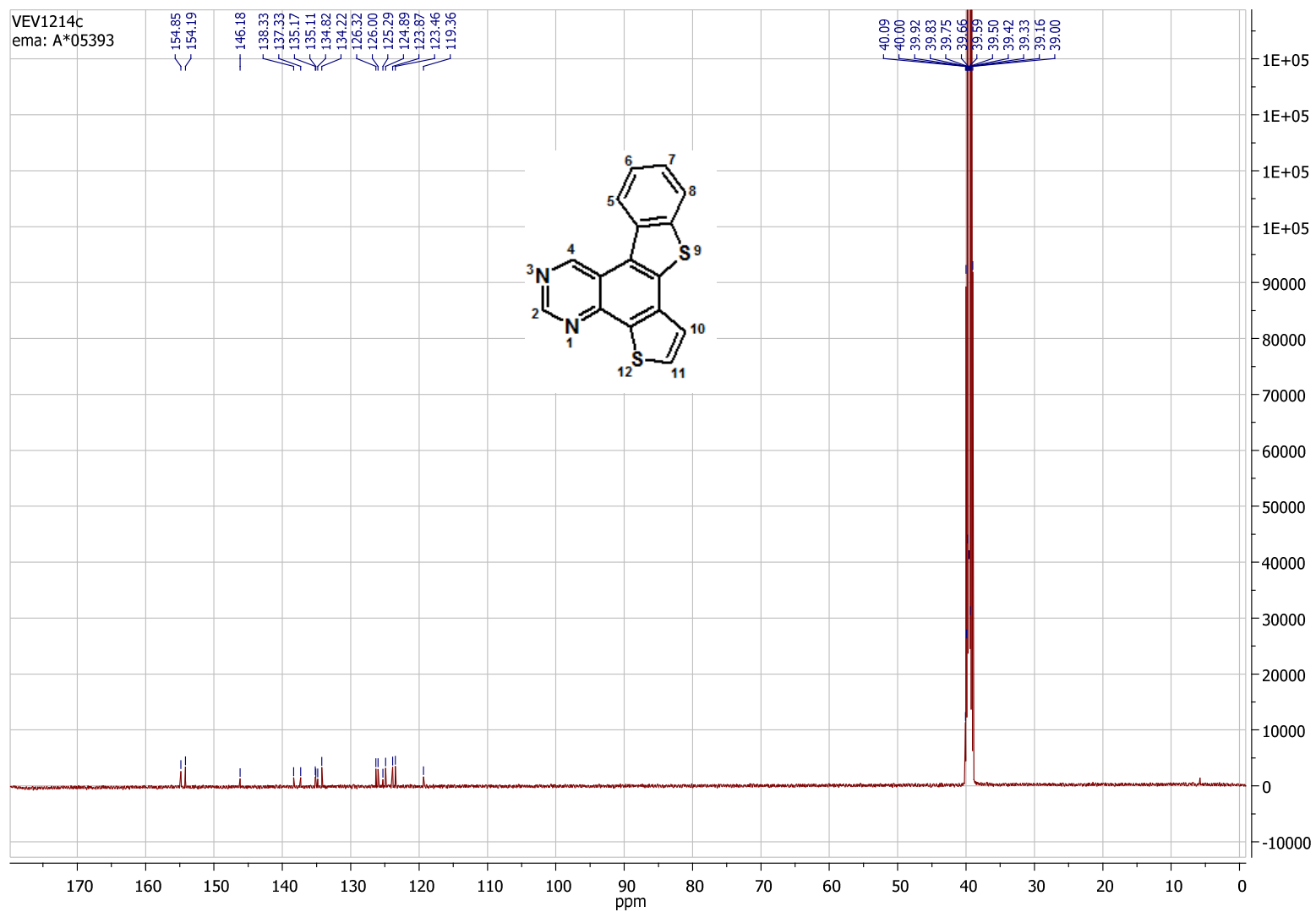
^{13}C NMR (126 MHz, $\text{DMSO-}d_6$) spectrum of **6e**.



^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of **6f**.



^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of **6g**.



^{13}C NMR (126 MHz, $\text{DMSO-}d_6$) spectrum of **6g**.