

Synthesis of Novel *N*-methylmorpholine Substituted Benzimidazolium Salts as Potential α -Glucosidase Inhibitors

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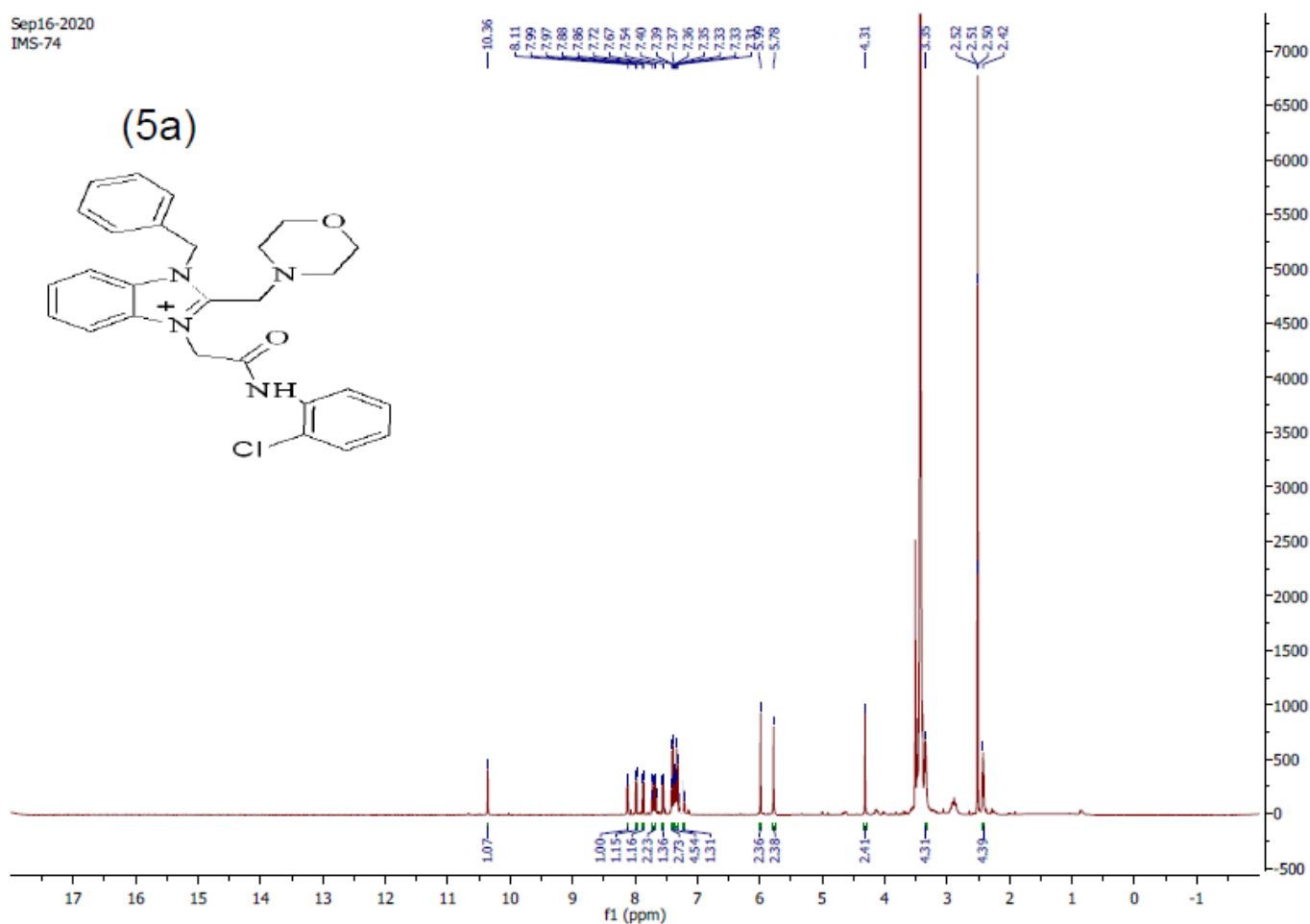


Figure S1. ¹H NMR Spectra of compound 5a

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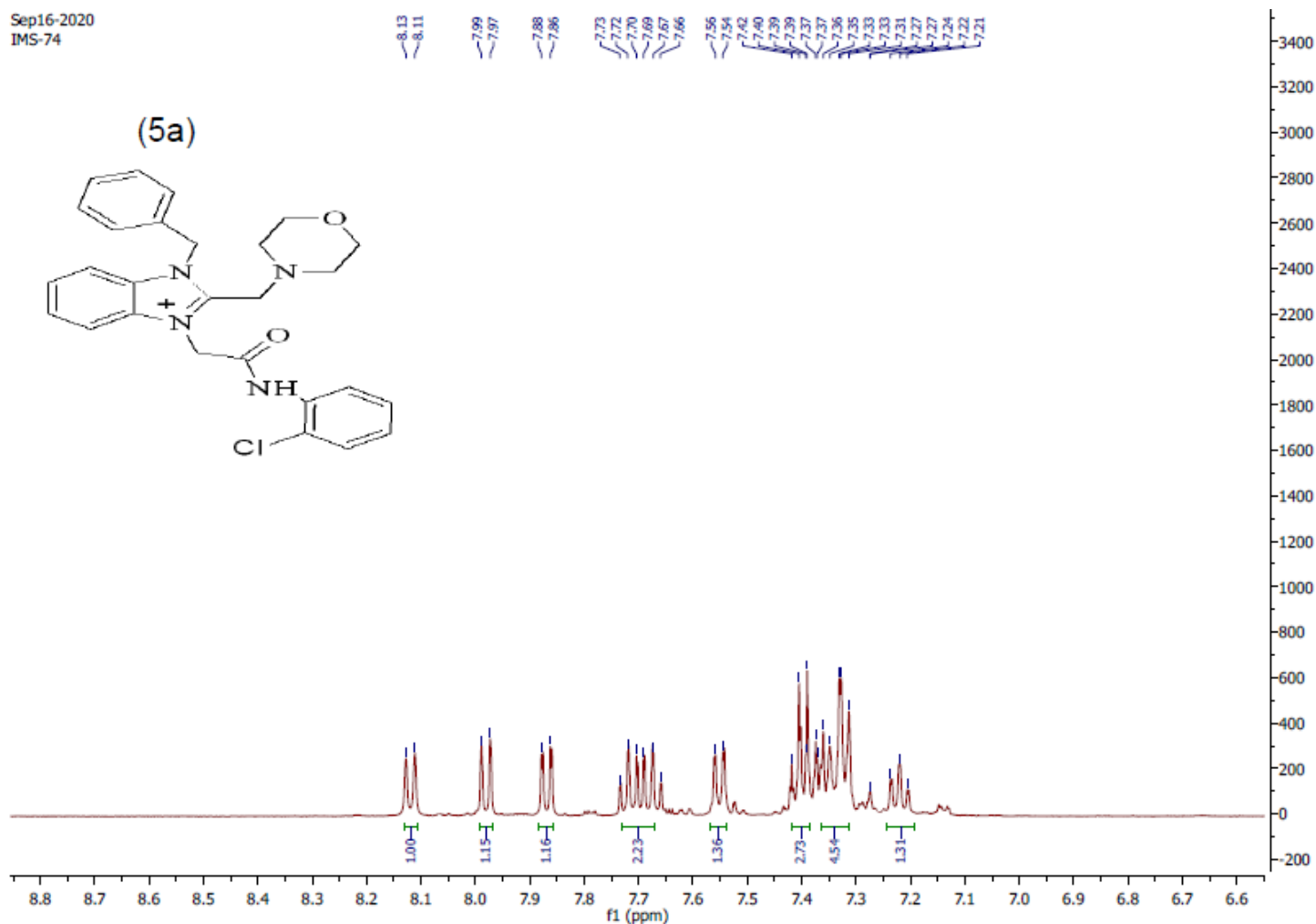


Figure S1a. Expanded version of ^1H NMR Spectra of compound 5a

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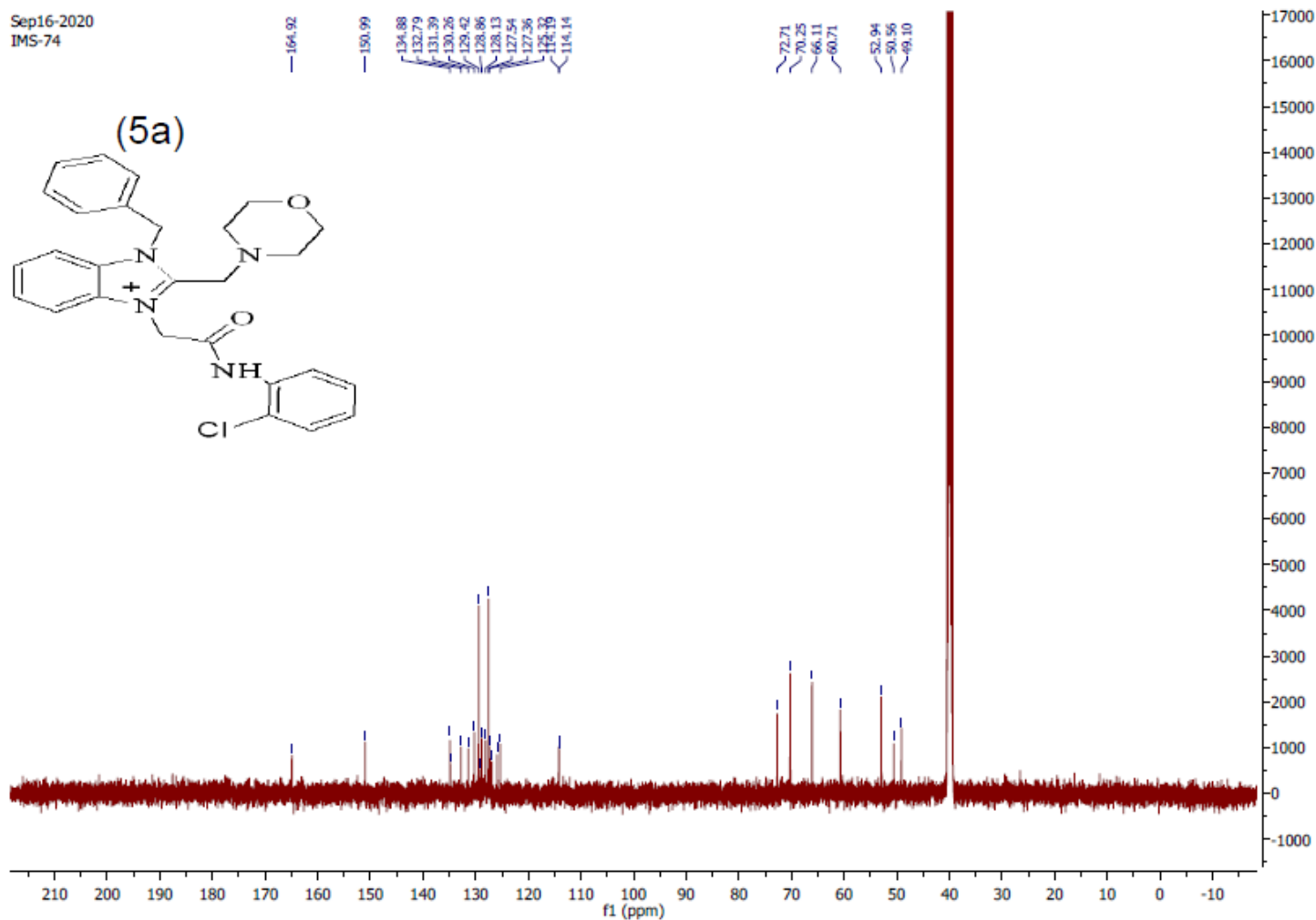


Figure S2. ¹³C NMR Spectra of compound 5a

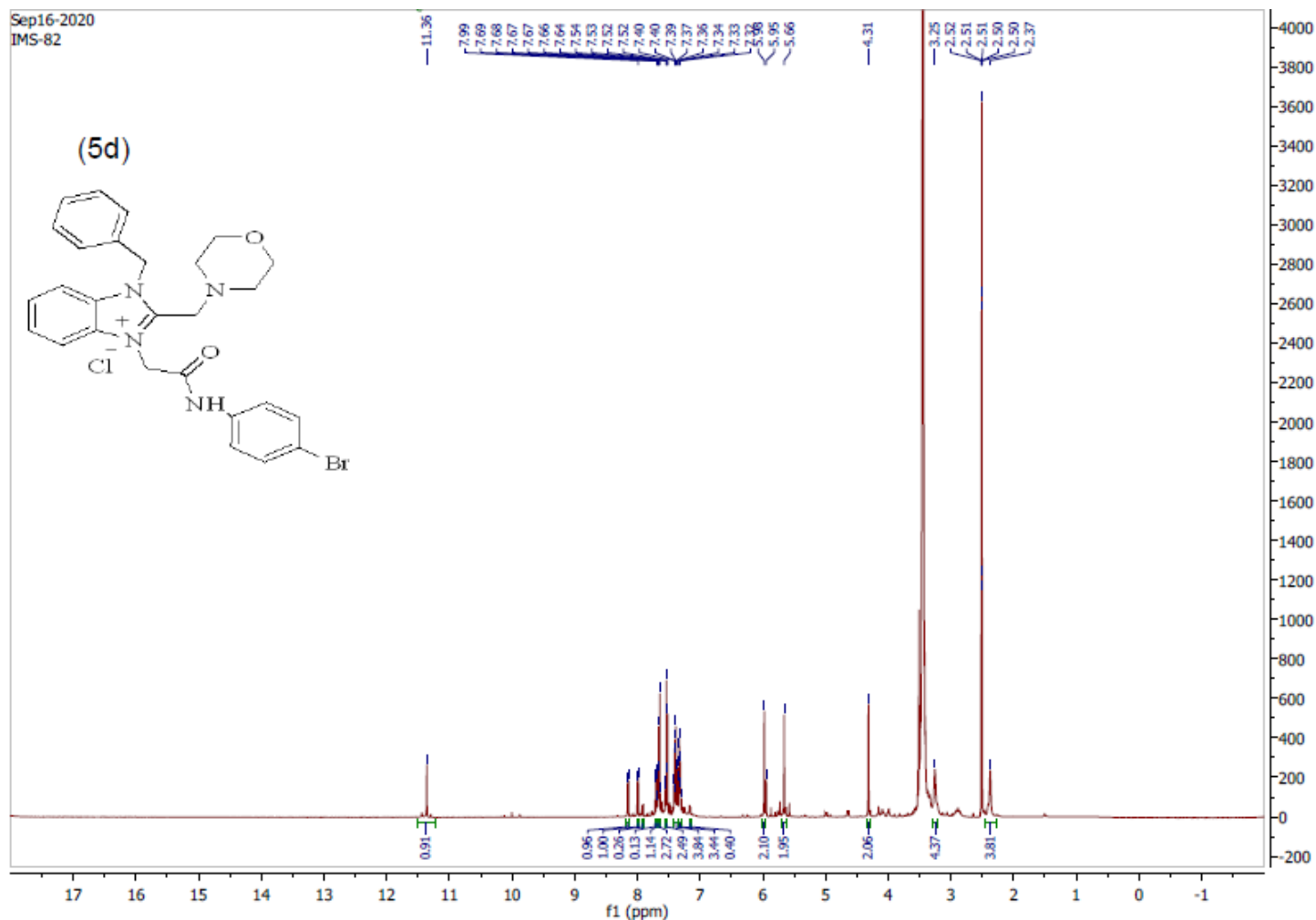


Figure S3. ^1H NMR Spectra of compound 5d

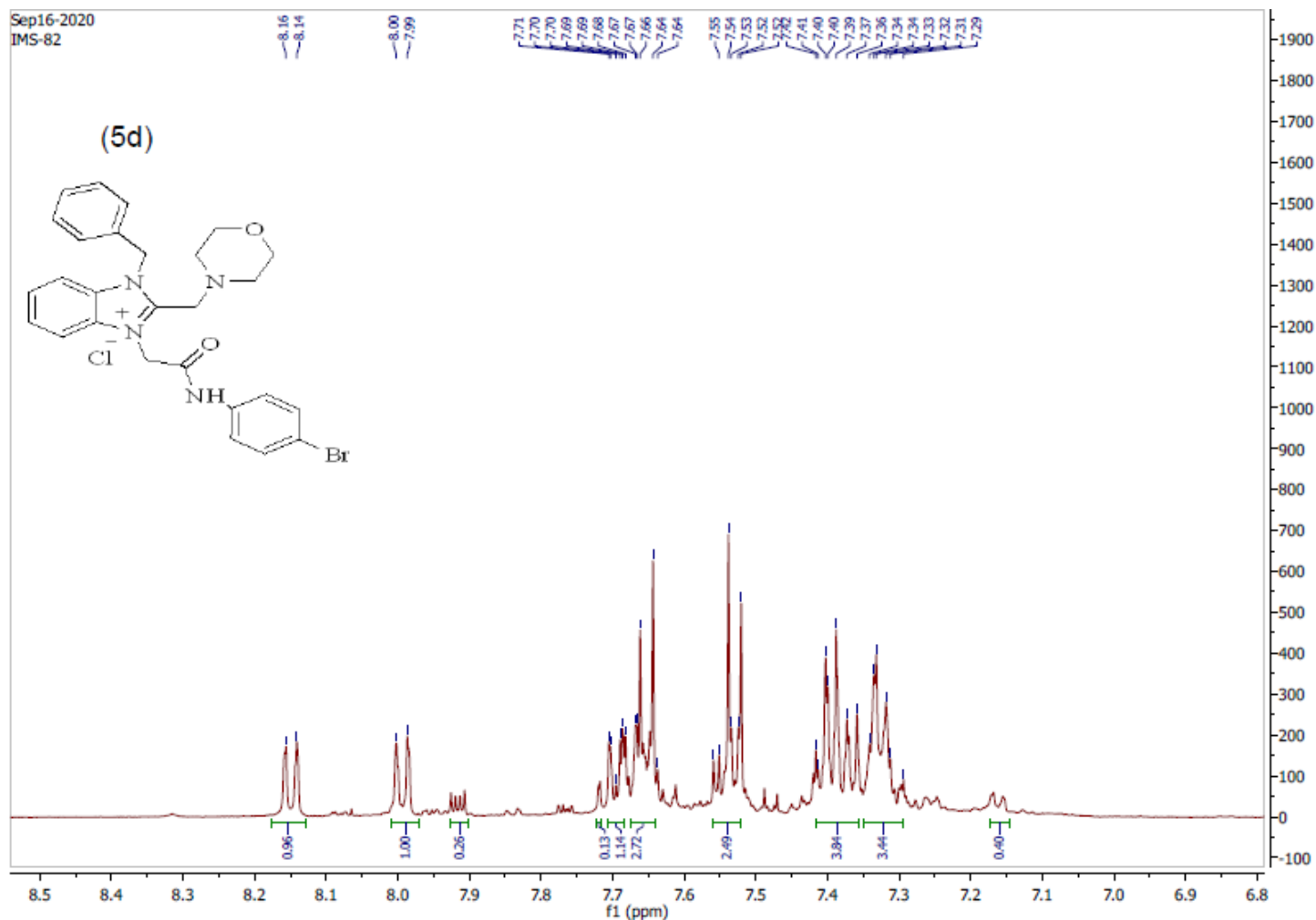


Figure S3a. Expanded version of ^1H NMR Spectra of compound **5d**

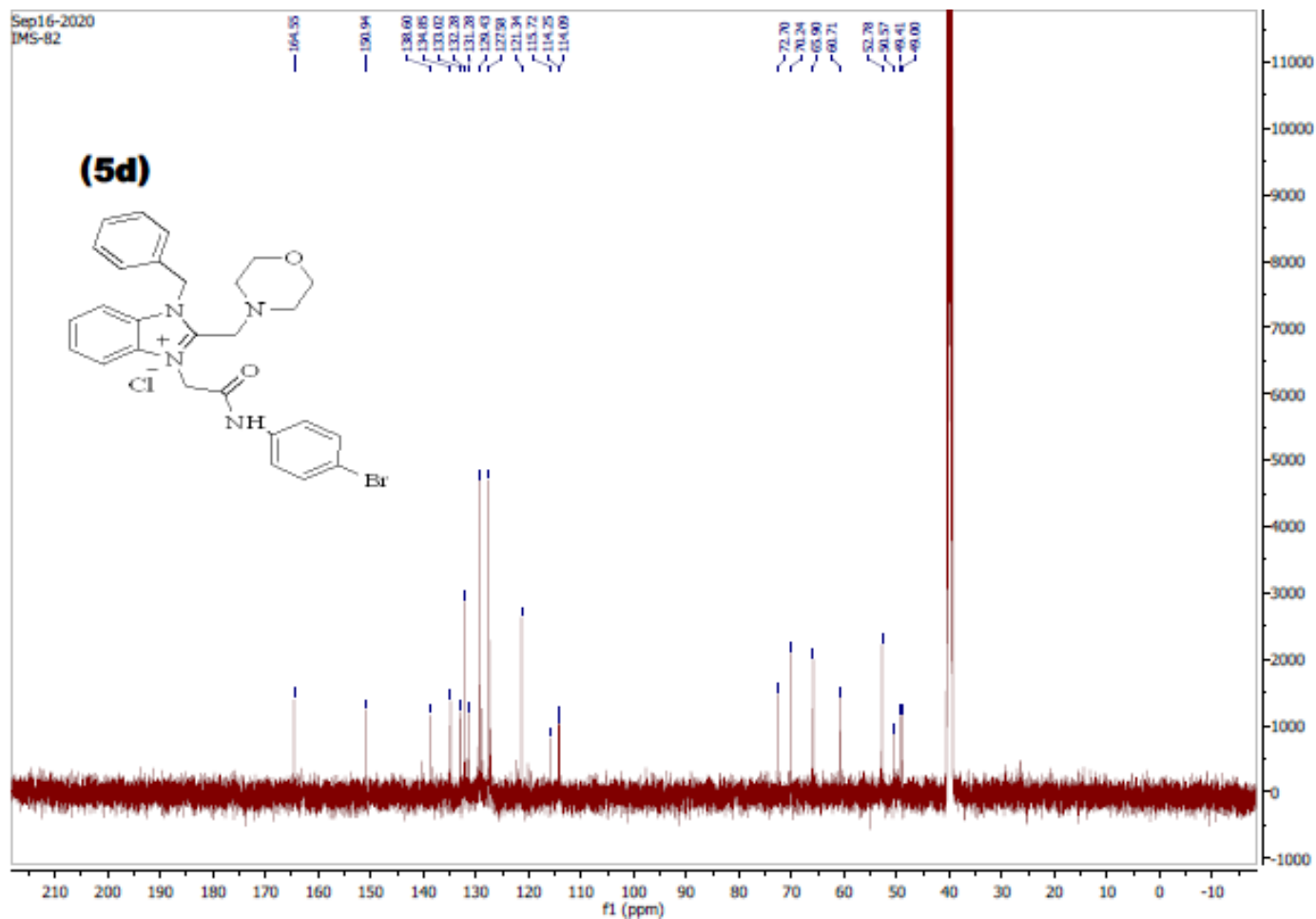


Figure S4. ¹³C NMR Spectra of compound 5d

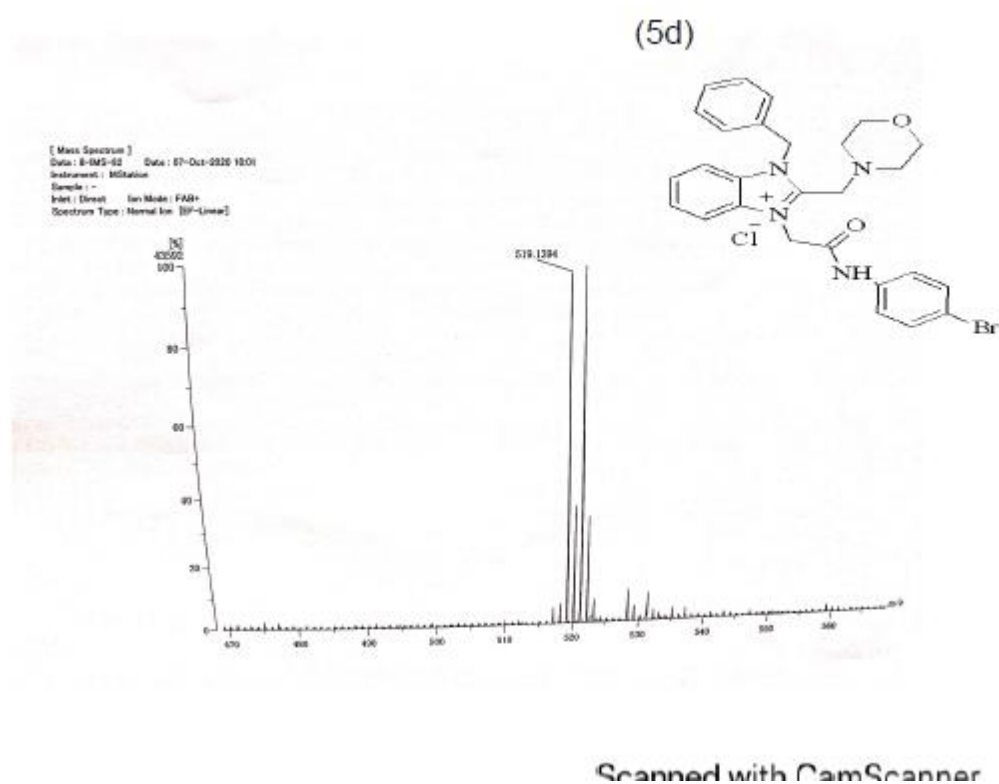


Figure S5. MS (ESI+) Spectra of compound **5d**

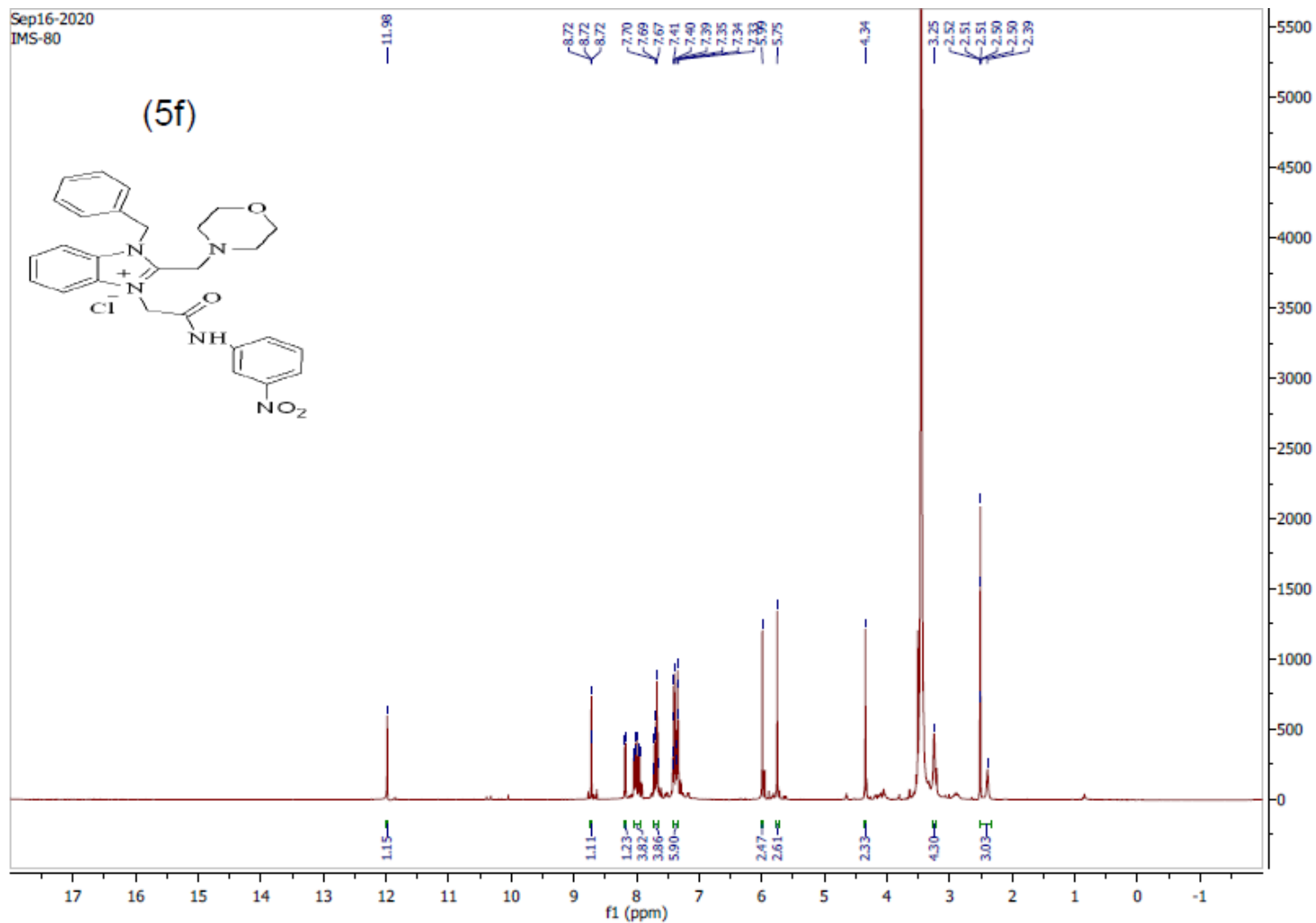


Figure S6. ^1H NMR Spectra of compound 5f

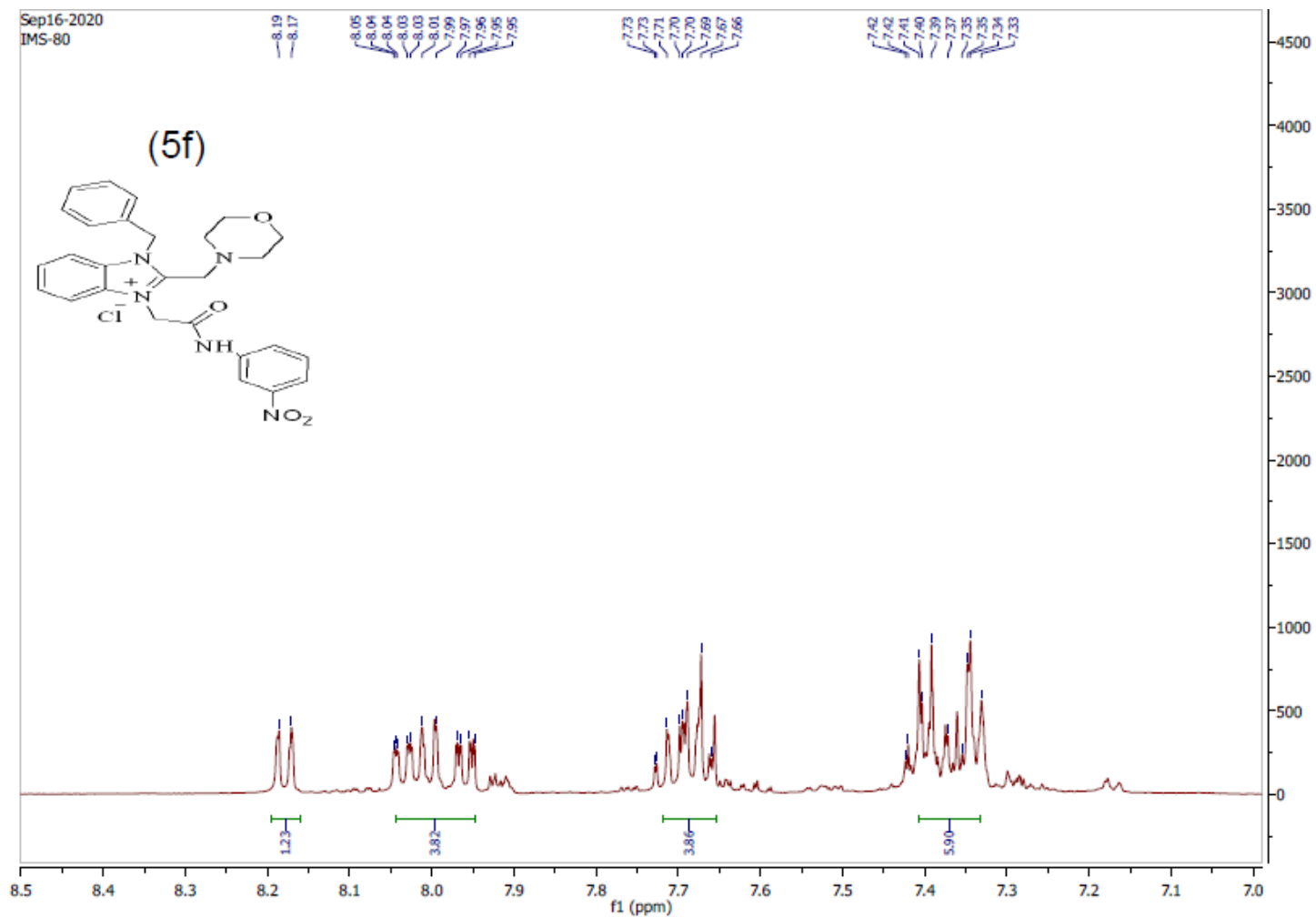


Figure S6a. Expanded version of ¹H NMR Spectra of compound 5f

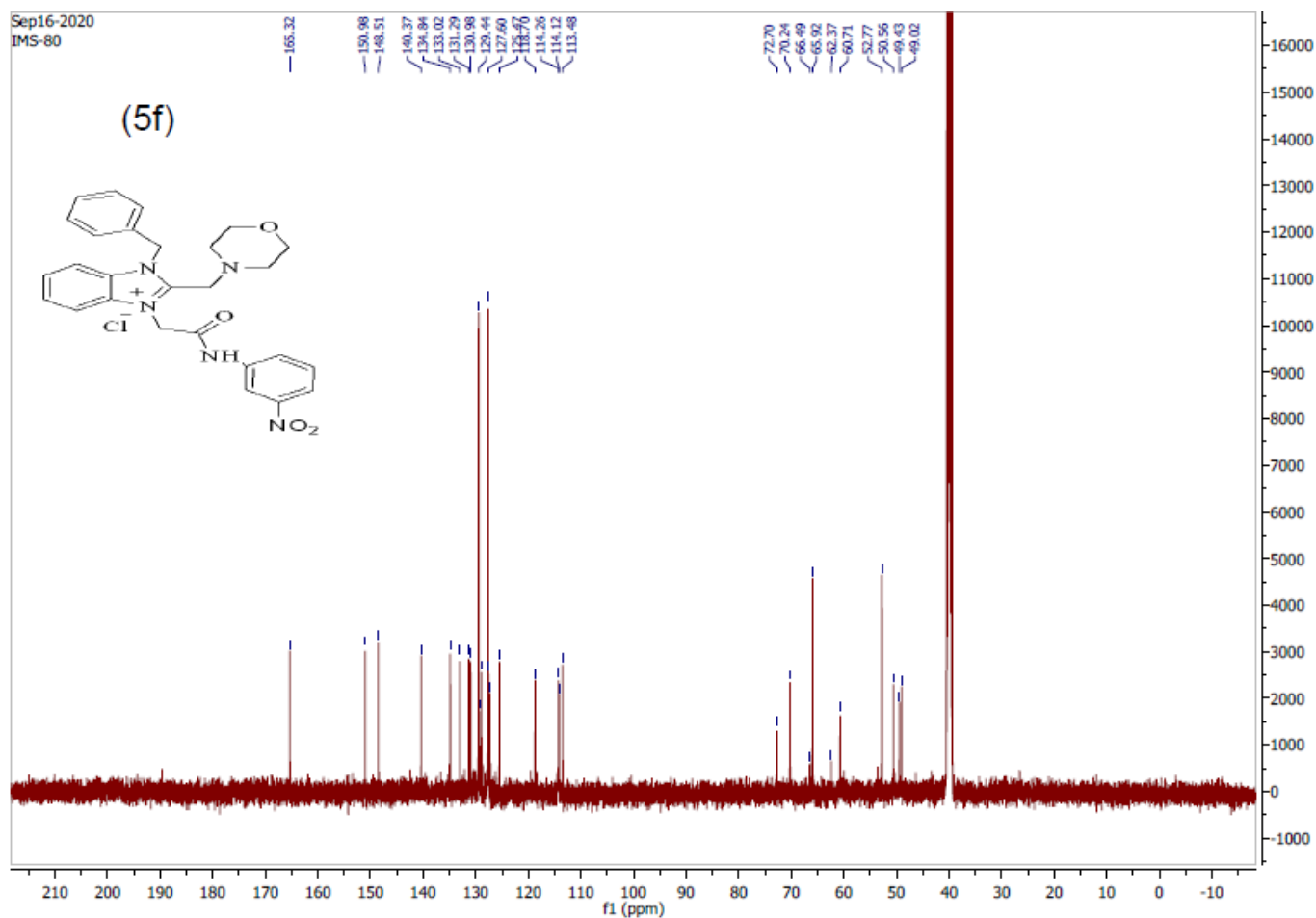


Figure S7. ^{13}C NMR Spectra of compound 5f

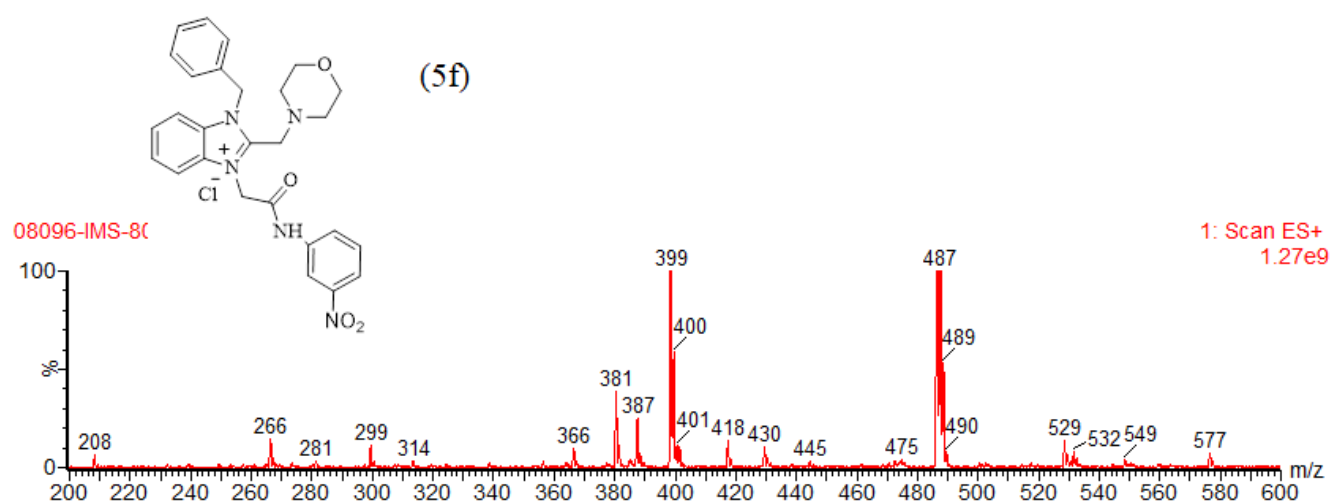


Figure S8. MS (ESI+) Spectra of compound 5f

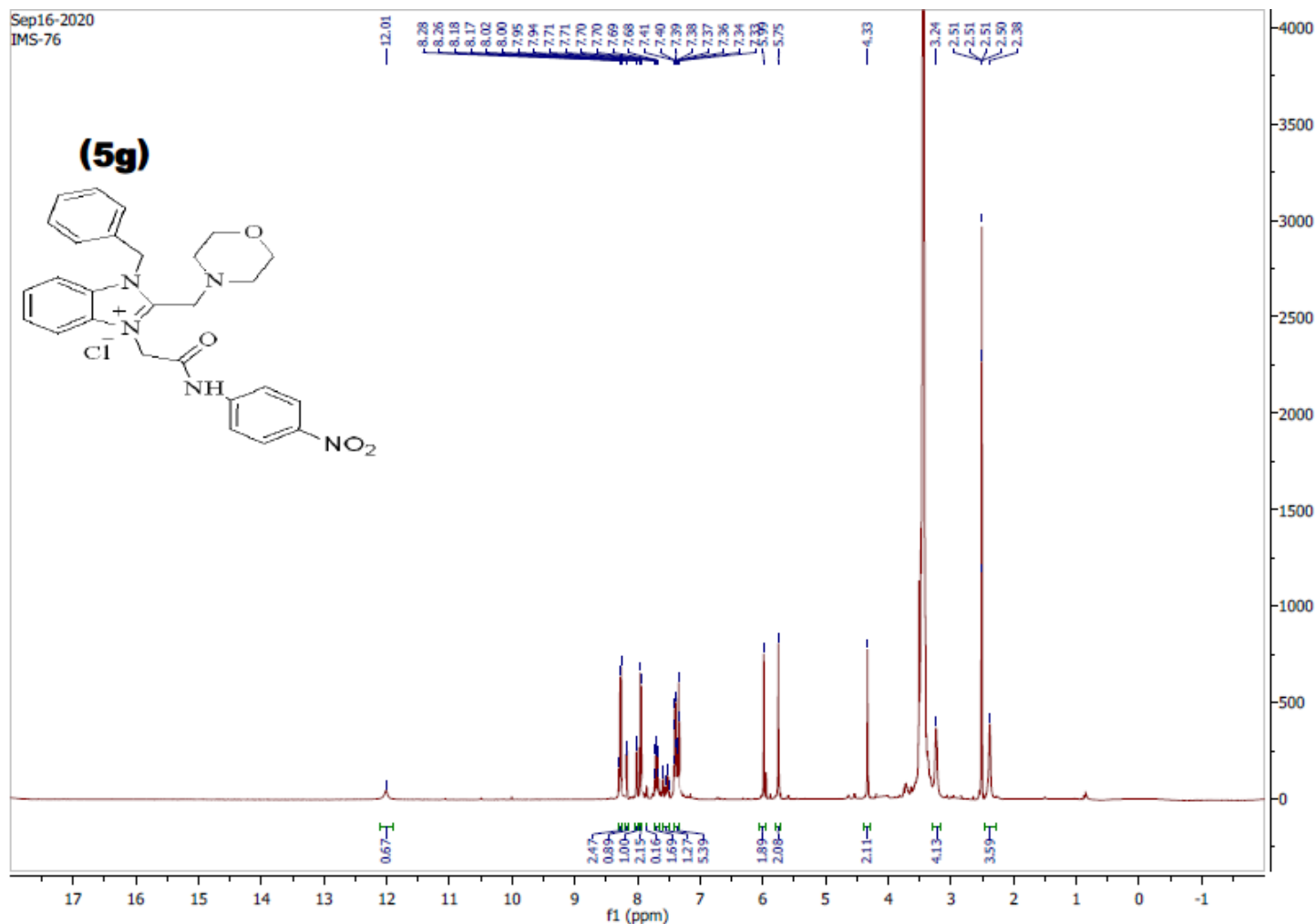


Figure S9. ¹H NMR Spectra of compound **5g**

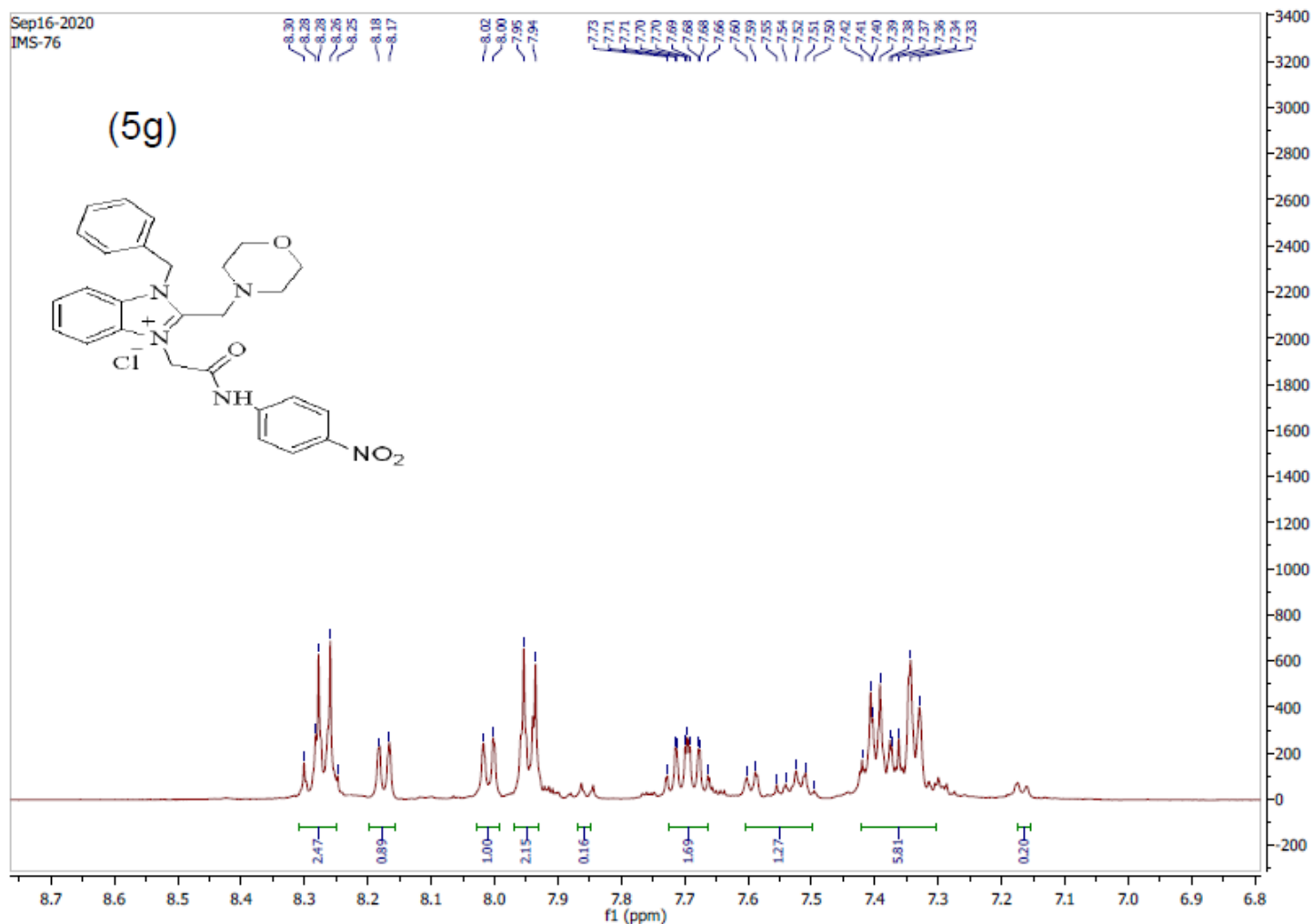


Figure S9a. Expanded version of ^1H NMR Spectra of compound **5g**

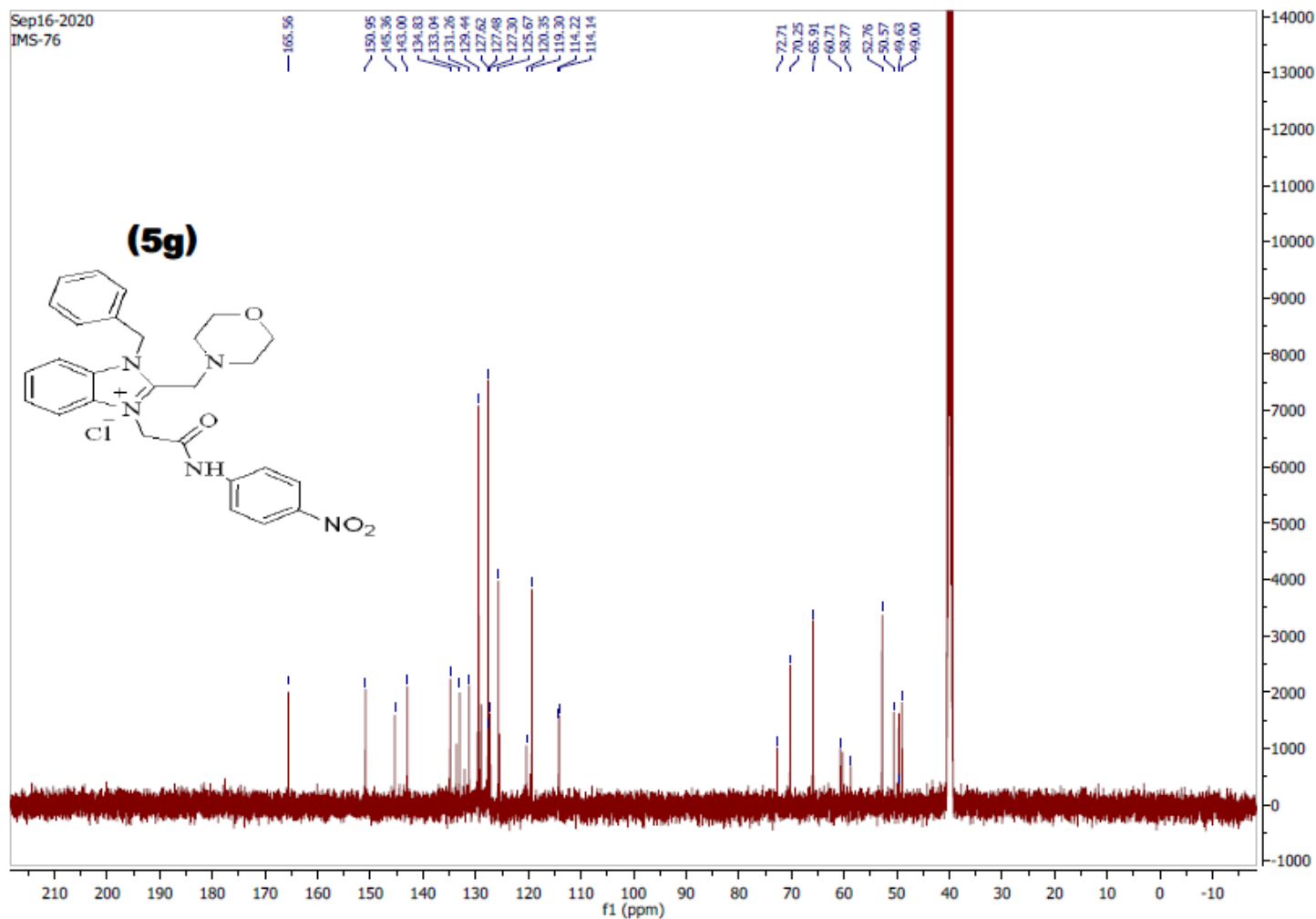
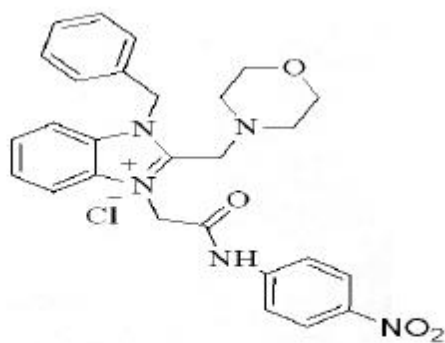
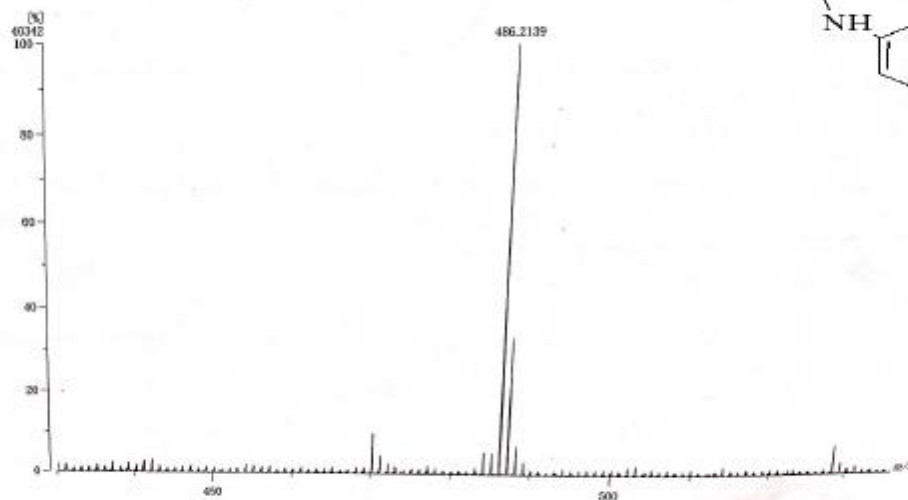


Figure S10. ¹³C NMR Spectra of compound 5g

(5g)



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Instrument : MSStation
Sample : --
Inlet : Direct Ion Mode : PAB+
Spectrum Type : Normal Ion [2F-Linear]



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Figure S11. MS (ESI+) Spectra of compound 5g

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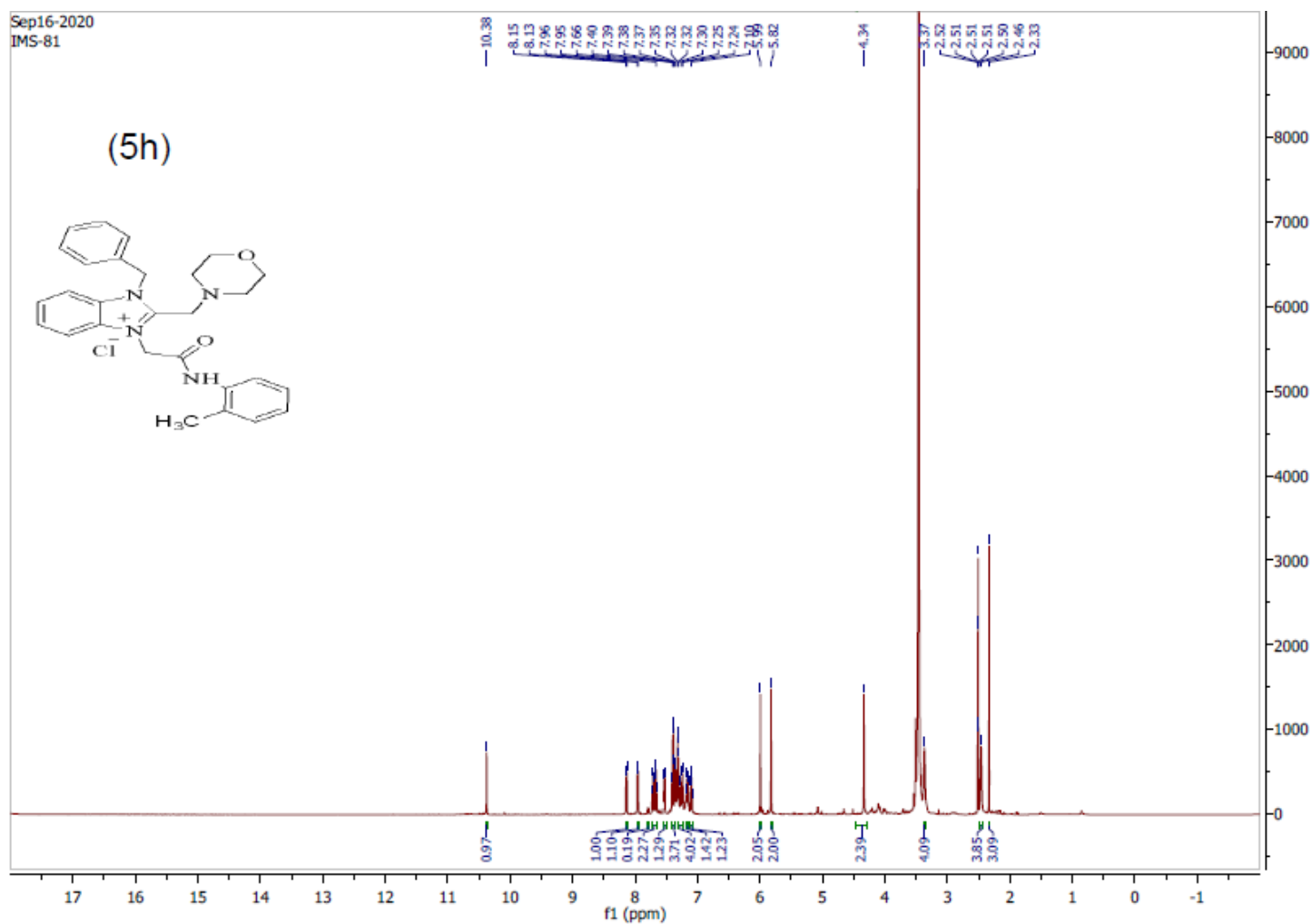


Figure S12. ^1H NMR Spectra of compound 5h

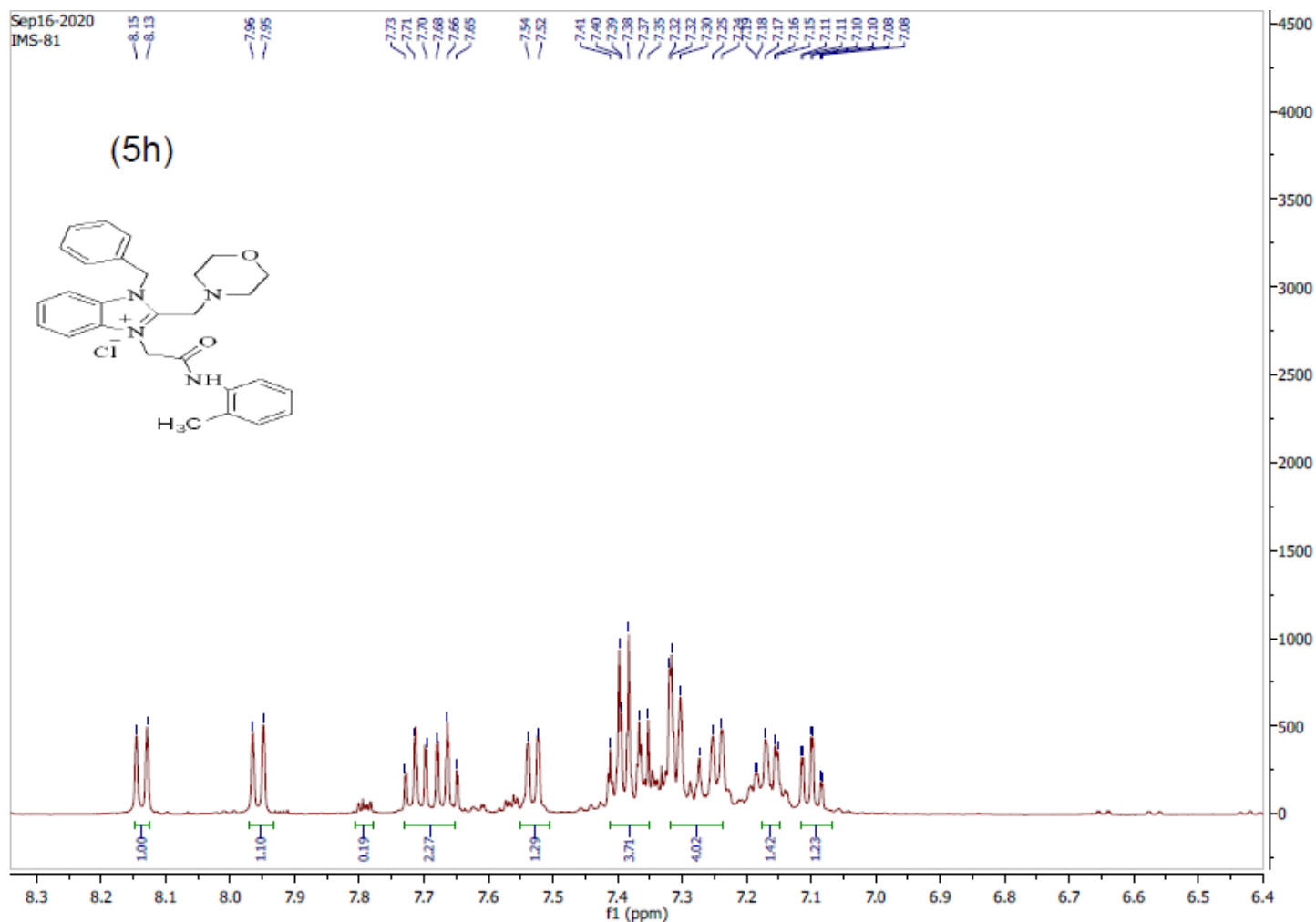


Figure S12a. Expanded version of ¹H NMR Spectra of compound 5h

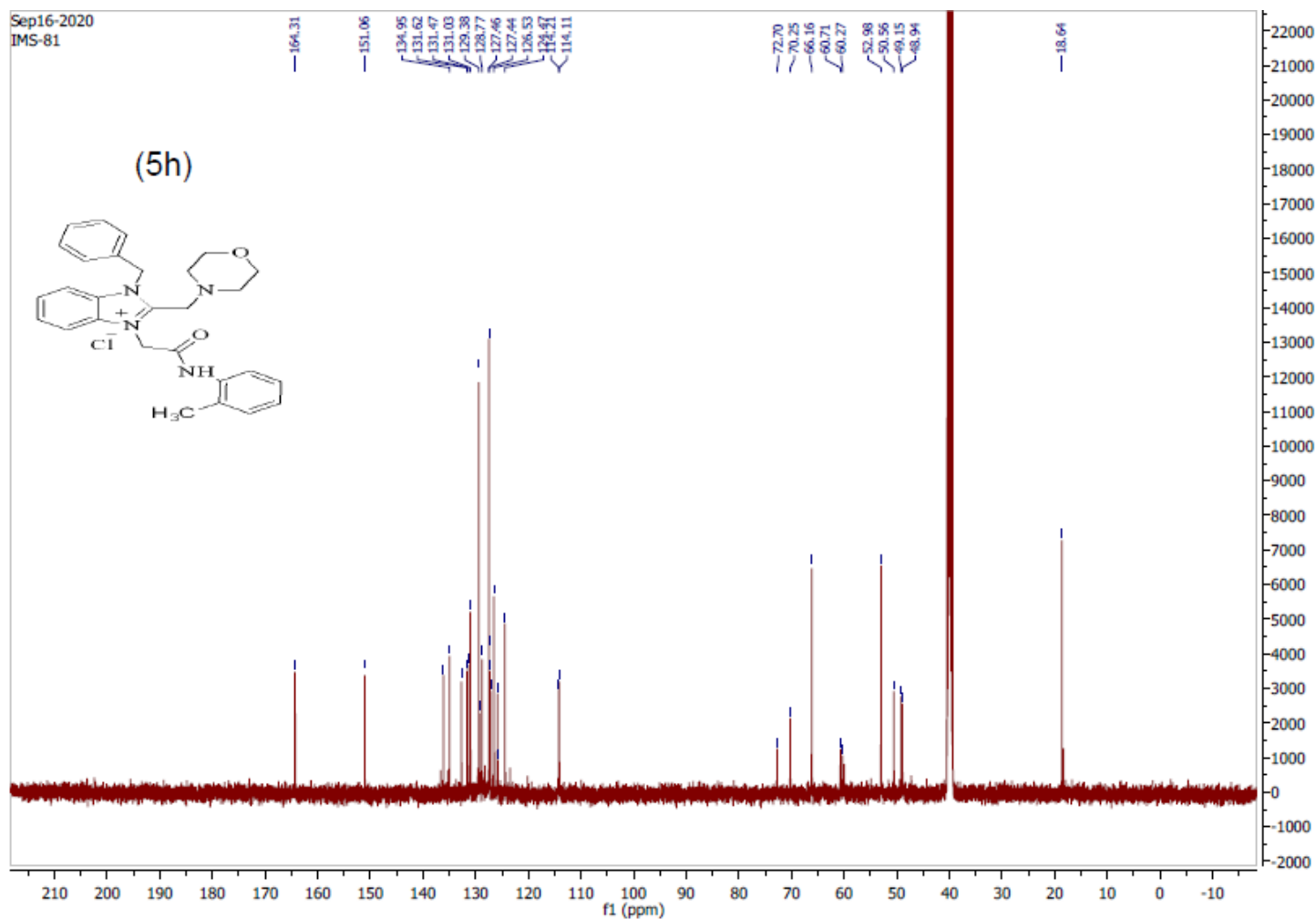


Figure S13. ^{13}C NMR Spectra of compound 5h

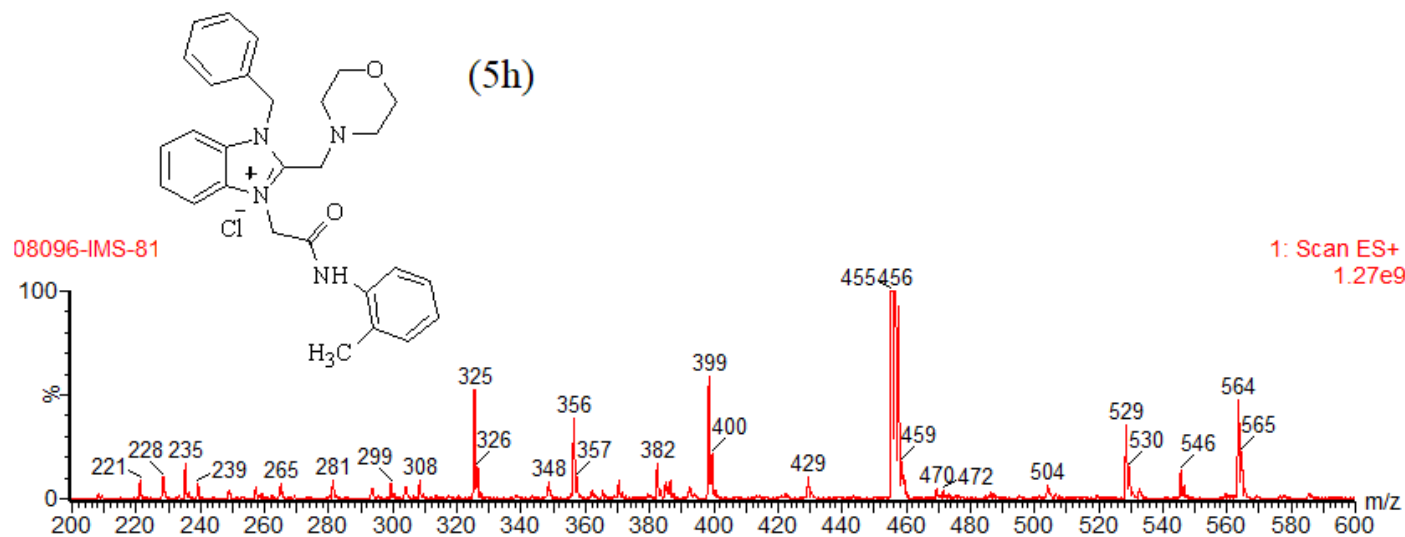


Figure S14. MS (ESI+) Spectra of compound 5h

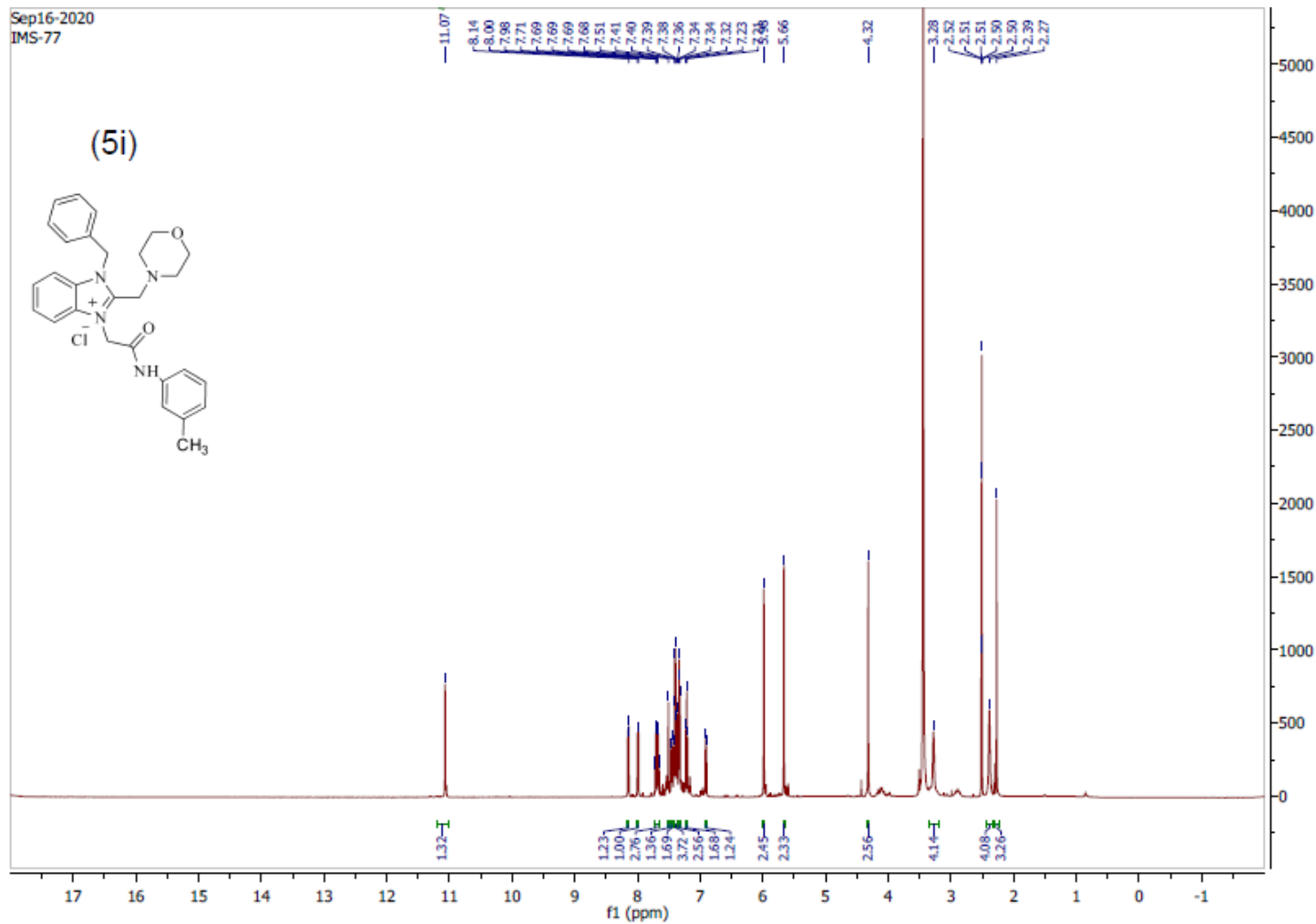


Figure S15. ¹H NMR Spectra of compound 5i

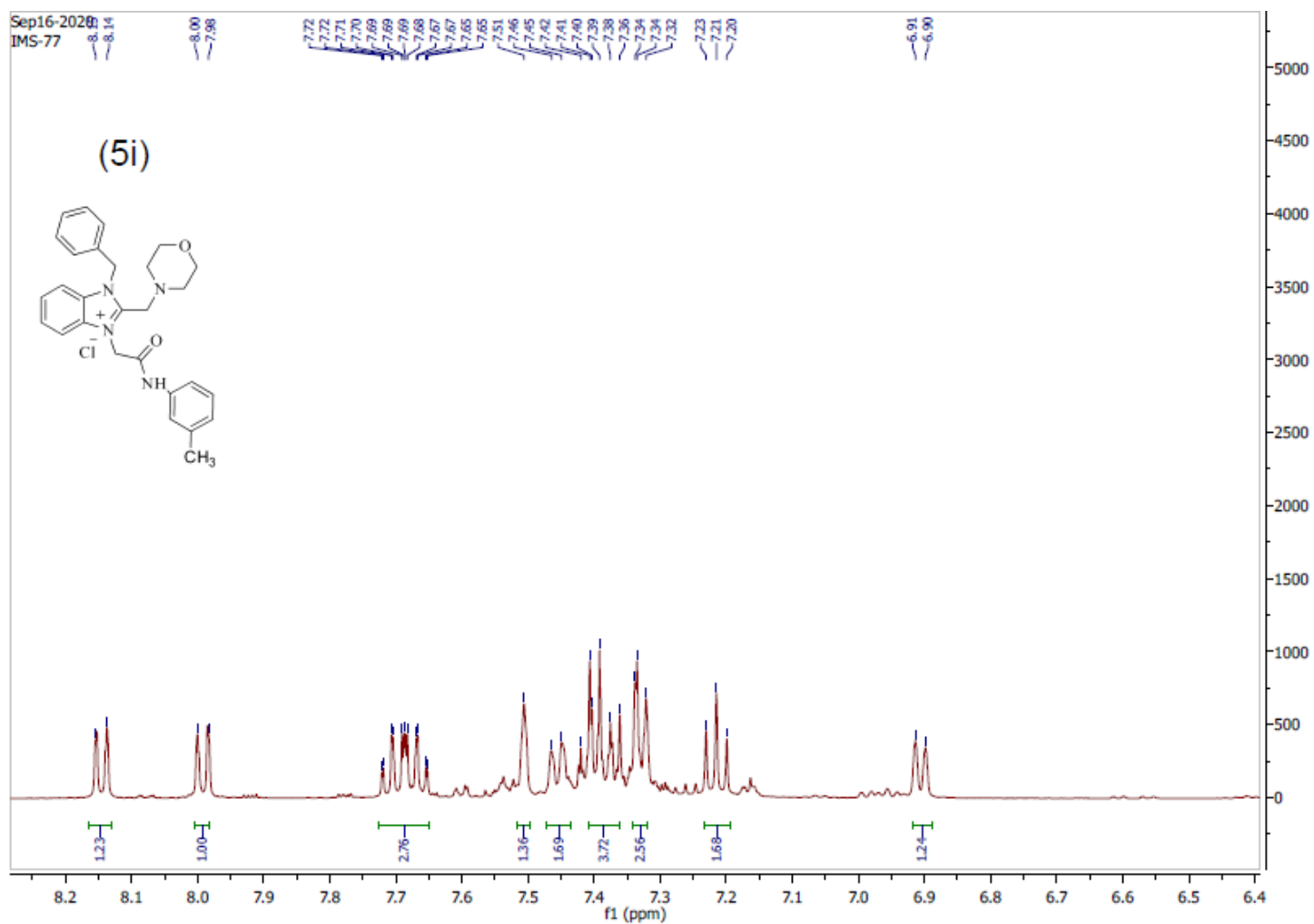


Figure S15a. Expanded version of ^1H NMR Spectra of compound **5i**

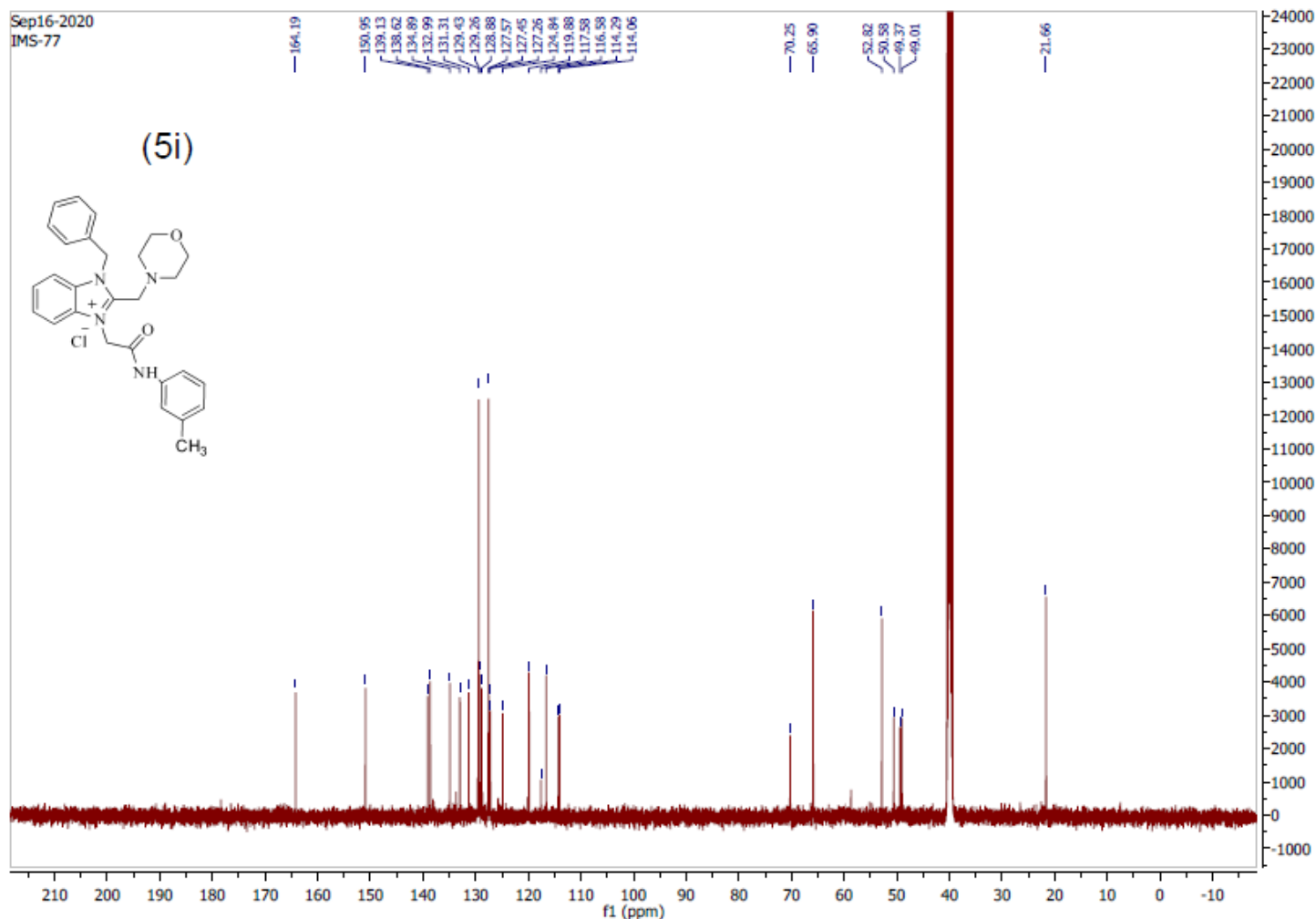


Figure S16. ^{13}C NMR Spectra of compound 5i

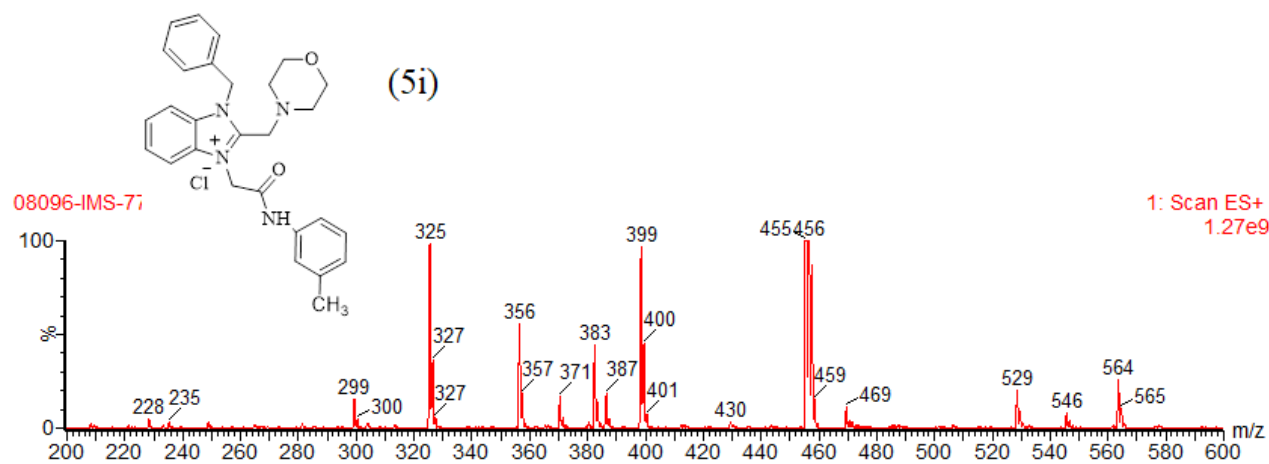


Figure S17. MS (ESI+) Spectra of compound 5i

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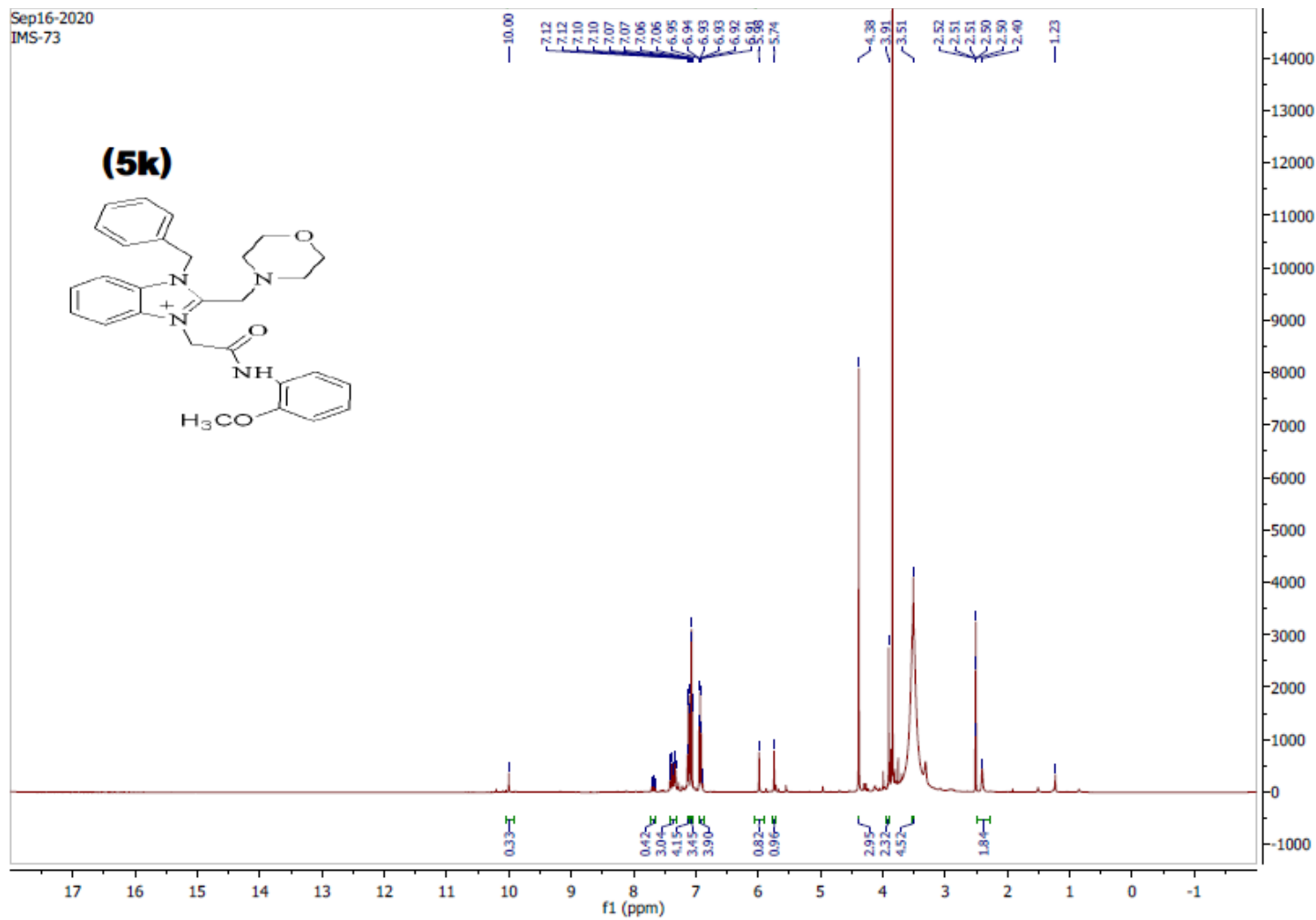


Figure S18. ¹H NMR Spectra of compound **5k**

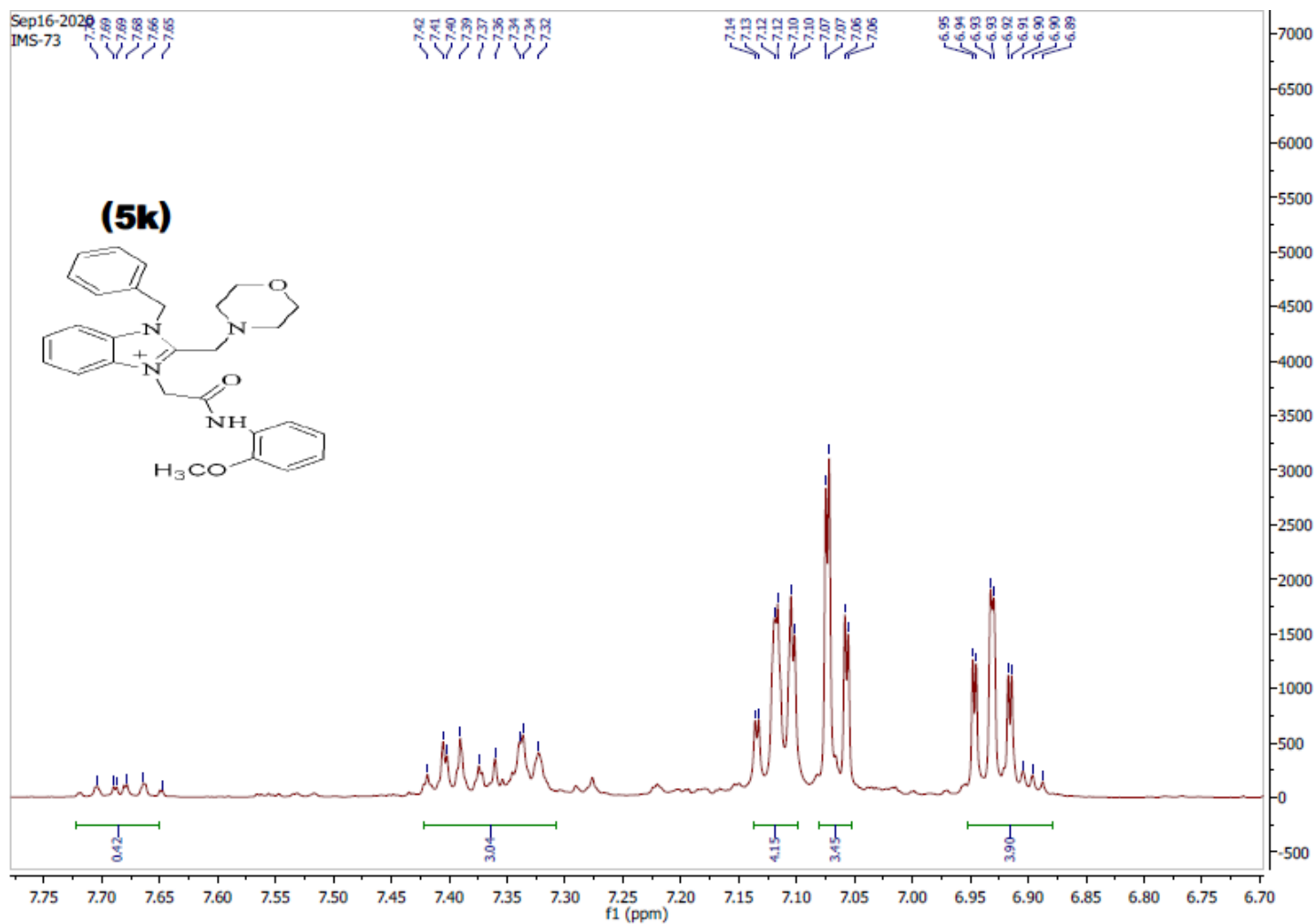


Figure S18a. Expanded version of ^1H NMR Spectra of compound **5k**

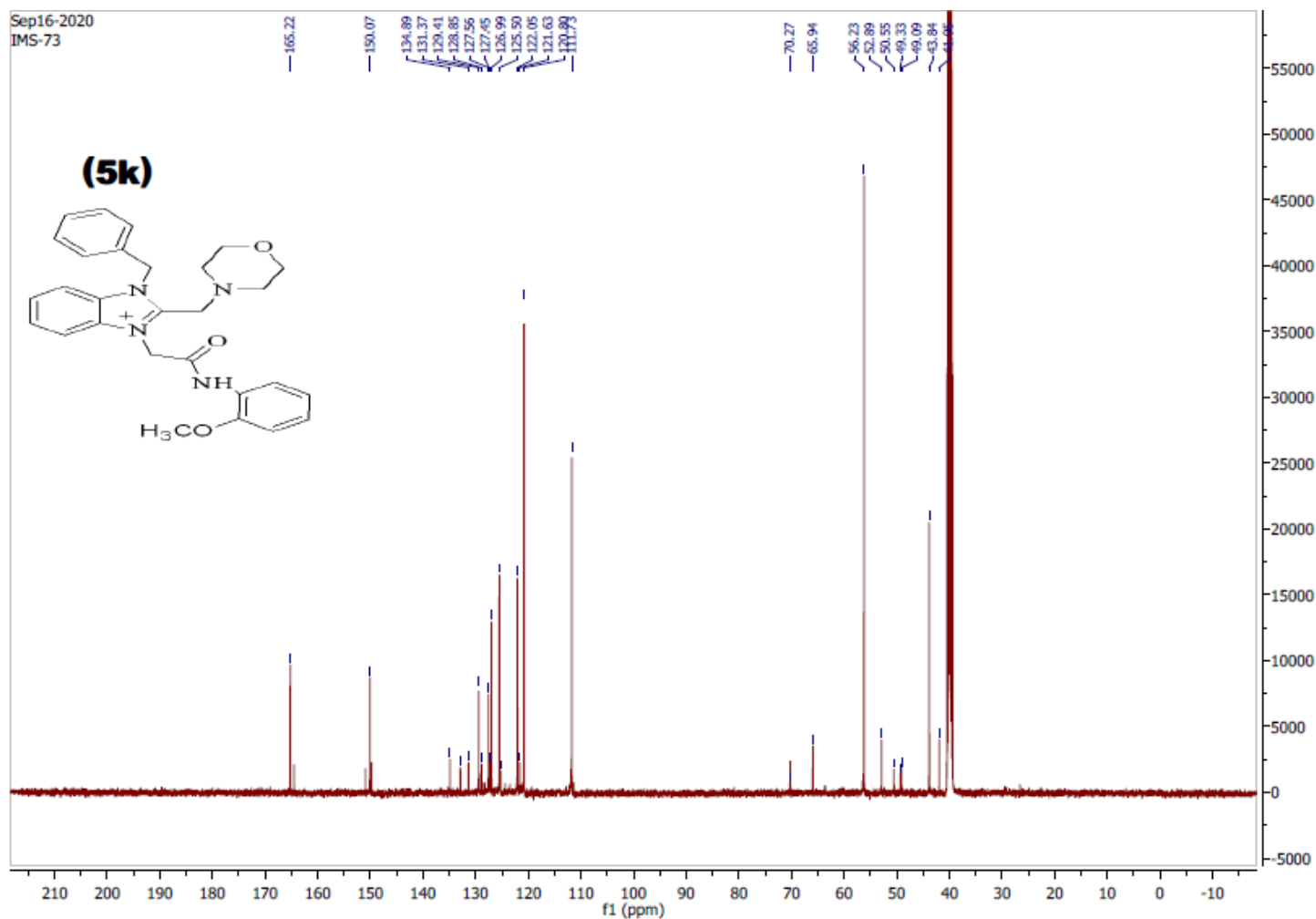


Figure S19. ¹³C NMR Spectra of compound **5k**

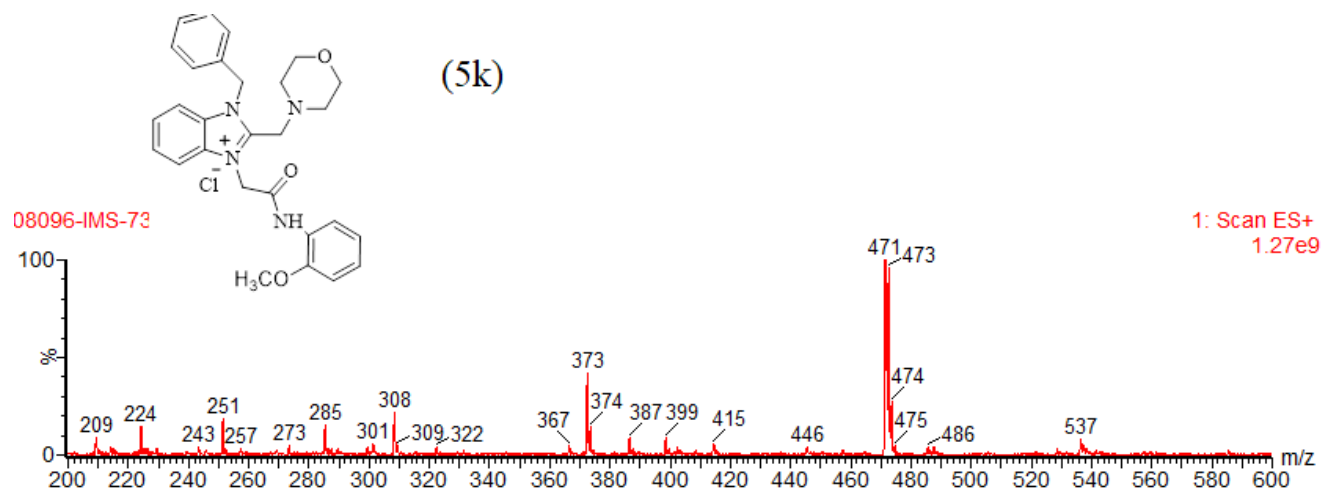


Figure S20. MS (ESI+) Spectra of compound **5k**

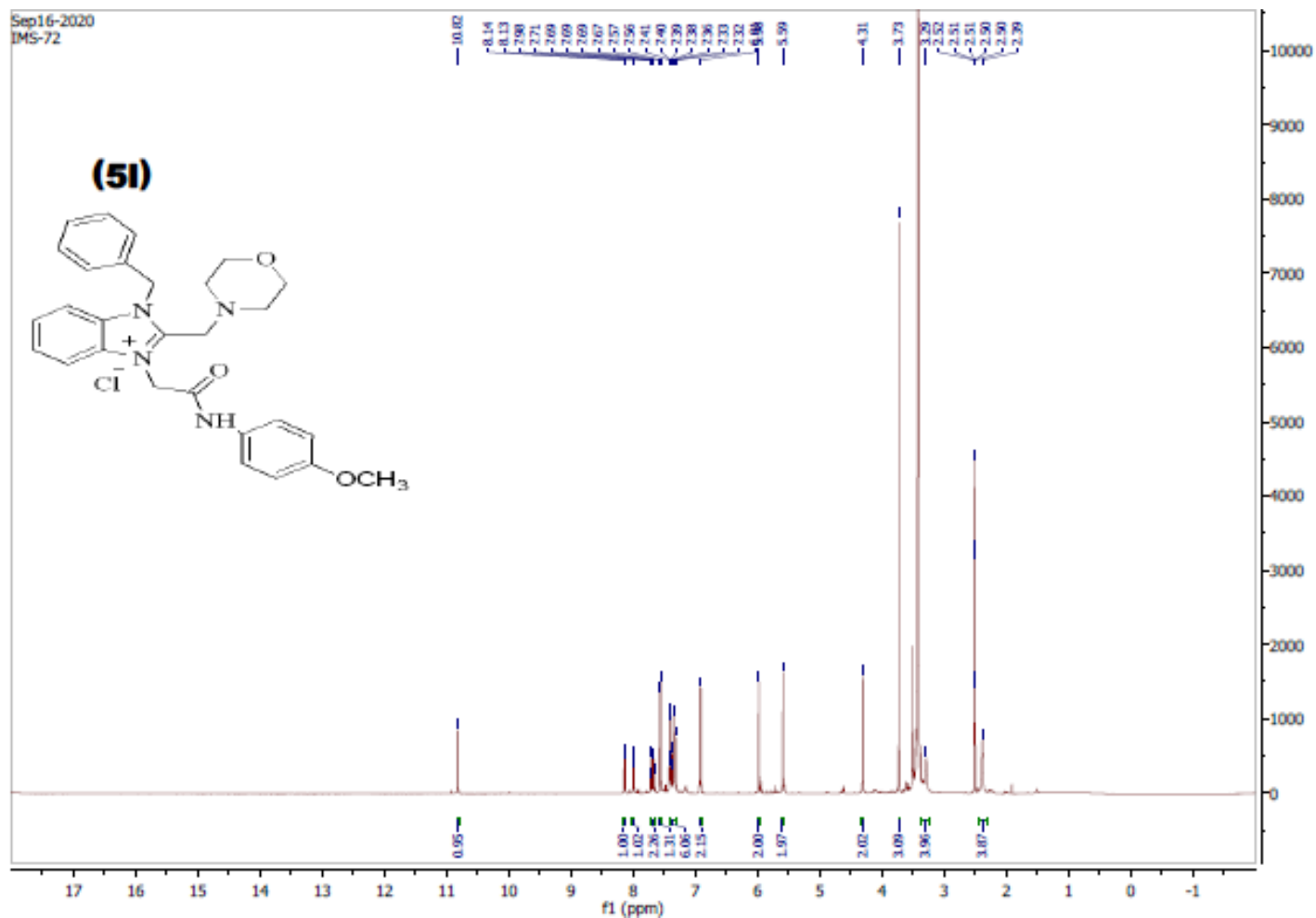


Figure S21. ¹H NMR Spectra of compound **51**

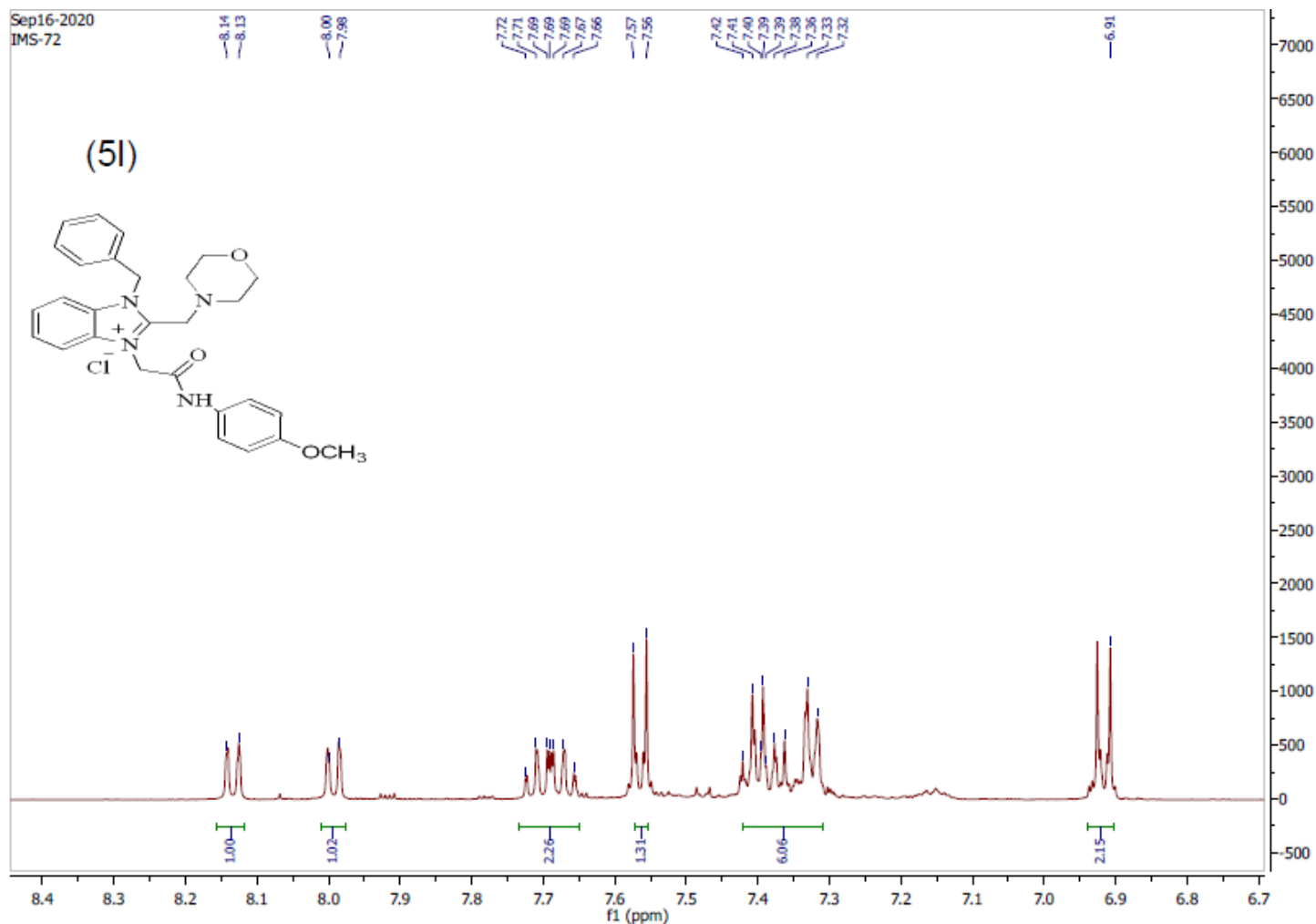


Figure S21a. Expanded version of ^1H NMR Spectra of compound 5l

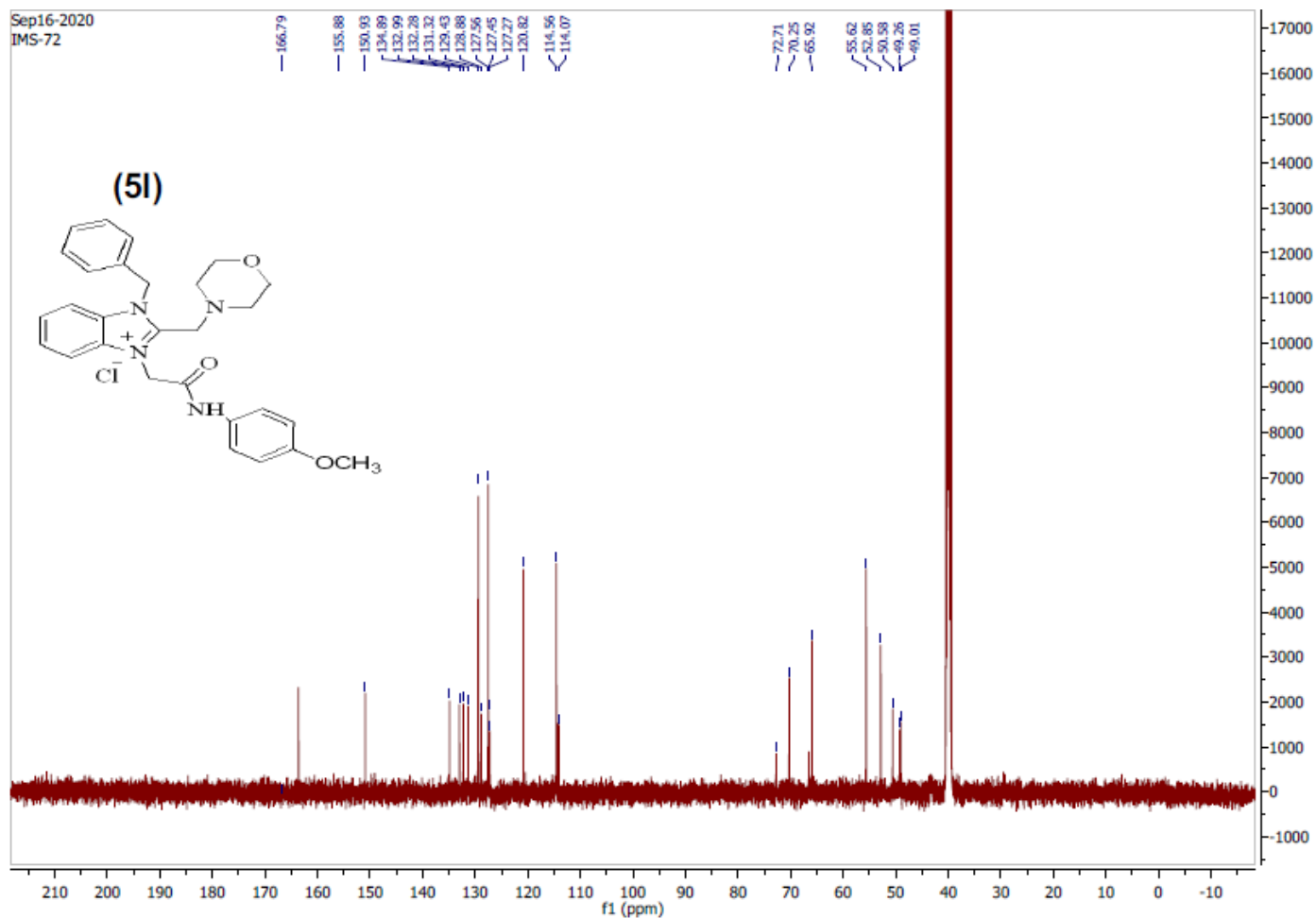


Figure S22. ^{13}C NMR Spectra of compound 5I

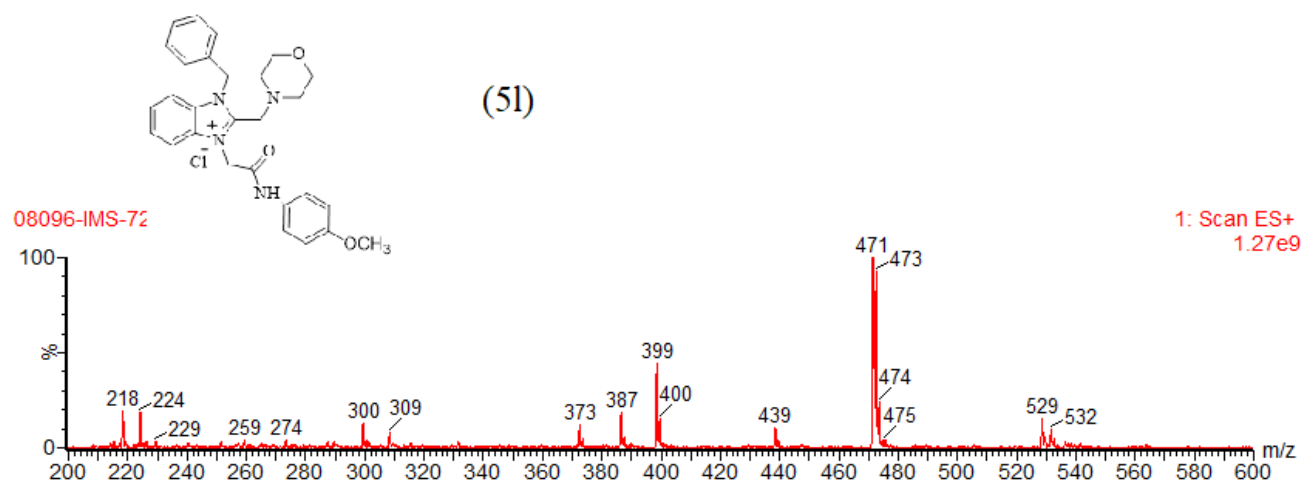


Figure S23. MS (ESI+) Spectra of compound 5I

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File Edit Display Compute Window Help

Cancel

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3	5d.cdx	1	1	-10.3569	2.0466	123.1545	-76.5811	-13.2395	-19.0019	-10.3569
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5	5d.cdx	1	1	-10.1278	2.1802	125.7023	-63.1927	-12.0586	-14.5824	-10.1278
6	5d.cdx	1	1	-10.0827	2.4374	119.7514	-89.9797	-13.1810	-18.6580	-10.0827
7	5d.cdx	1	1	-9.5954	2.3931	121.3401	-91.8234	-12.6033	-14.7198	-9.5954
8	5f.cdx	1	2	-13.1097	1.1559	138.4252	-94.9978	-12.9638	-10.6402	-13.1097
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16	5f.cdx	1	2	-11.0843	3.0299	138.6966	-73.2426	-12.6254	-10.2588	-11.0843
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36	5k.cdx	1	5	-11.5357	1.2696	141.1774	-79.7806	-11.9910	-20.7532	-11.5357
37	5k.cdx	1	5	-11.1027	2.5555	144.3948	-79.5311	-14.0631	-19.2903	-11.1027
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