

Design, Synthesis, Pharmacological Evaluation of Quinazolin-4(3H)-ones Bearing Urea Functionality as potential VEGFR-2 inhibitors

Mohammad M. Al-Sanea^{1*†}, Hani M Hafez², Ahmed A. B. Mohamed^{3*}, Hamed W. El-Shafey⁴, Abdullah A. Elgazar⁵, Samar S. Tawfik⁴, Wafaa A. Ewes⁴, Shaimaa Hussein⁶, Tariq Alsahli⁶, Abdelrahman Hamdi⁴

¹Department of Pharmaceutical Chemistry, College of Pharmacy, Jouf University, Sakaka, Aljouf 72341, Saudi Arabia; mmalsanea@ju.edu.sa

² Pharmaceutical Chemistry Department, College of Pharmacy, Al-Esraa University, Baghdad, Iraq.

³Department of Medicinal Chemistry, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt.

⁴Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt.

⁵Department of Pharmacognosy, Faculty of Pharmacy, Kafrelsheikh University, Kafr El Sheikh, Egypt.

⁶Department of Pharmacology, College of Pharmacy, Jouf University, Sakaka 72341, Aljouf, Saudi Arabia.

* Equally contributed

†Corresponding author: Mohammad M. Al-Sanea (e-mail: mmalsanea@ju.edu.sa)

Contents	page no.
Figure S1. ¹ HNMR chart of compound 5a	3
Figure S2. ¹ HNMR chart of compound 5e	4
Figure S3. ¹ HNMR chart of compound 5g	5
Figure S4. ¹ HNMR chart of compound 5f	6
Figure S5. ¹ HNMR chart of compound 5h	7
Figure S6. ¹ HNMR chart of compound 5i	8
Figure S7. ¹ HNMR chart of compound 5o	9
Figure S8. ¹ HNMR chart of compound 5k	10
Figure S9. ¹ HNMR chart of compound 5j	11
Figure S10. ¹ HNMR chart of compound 5p	12
Figure S11. ¹ HNMR chart of compound 5q	13
Figure S12. ¹ HNMR chart of compound 5r	14
Figure S13. ¹ HNMR chart of compound 5c	15
Figure S14. ¹ HNMR chart of compound 5l	16
Figure S15. ¹³ CNMR chart of compound 5a	17
Figure S16. ¹³ CNMR chart of compound 5b	18
Figure S17. ¹³ CNMR chart of compound 5g	19
Figure S18. ¹³ CNMR chart of compound 5f	20
Figure S19. ¹³ CNMR chart of compound 5h	21
Figure S20. ¹³ CNMR chart of compound 5k	22
Figure S21. ¹³ CNMR chart of compound 5j	23
Figure S22. ¹³ CNMR chart of compound 5n	24
Figure S23. ¹³ CNMR chart of compound 5p	25
Figure S24. ¹³ CNMR chart of compound 5q	26
Figure S25. ¹³ CNMR chart of compound 5r	27
Figure S26. ¹³ CNMR chart of compound 5c	28
Figure S27. ¹³ CNMR chart of compound 5m	29
Table S1. Dose-response curves and IC50 values of Final compounds 5a-r and SOR against different cell lines.....	30

Abdelrahman Hamdi-AK 1-proton-DMSO-D₆
Abdelrahman Hamdi-AK 1-proton-DMSO-D₆

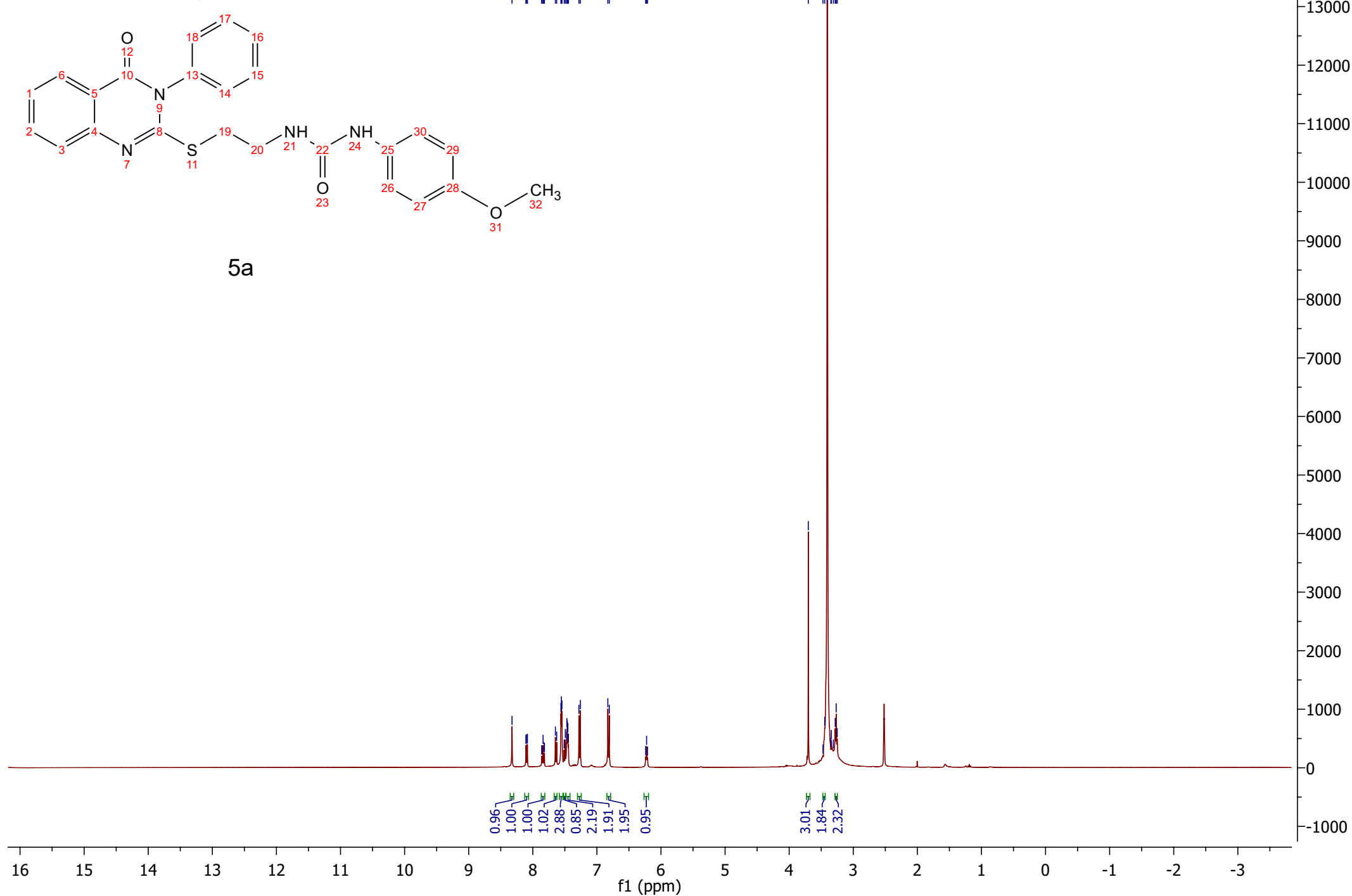


Figure S1. HNMR chart of compound 5a.

Abdelrahman Hamdi-AK 3-proton-DMSO-D₆
Abdelrahman Hamdi-AK 3-proton-DMSO-D₆

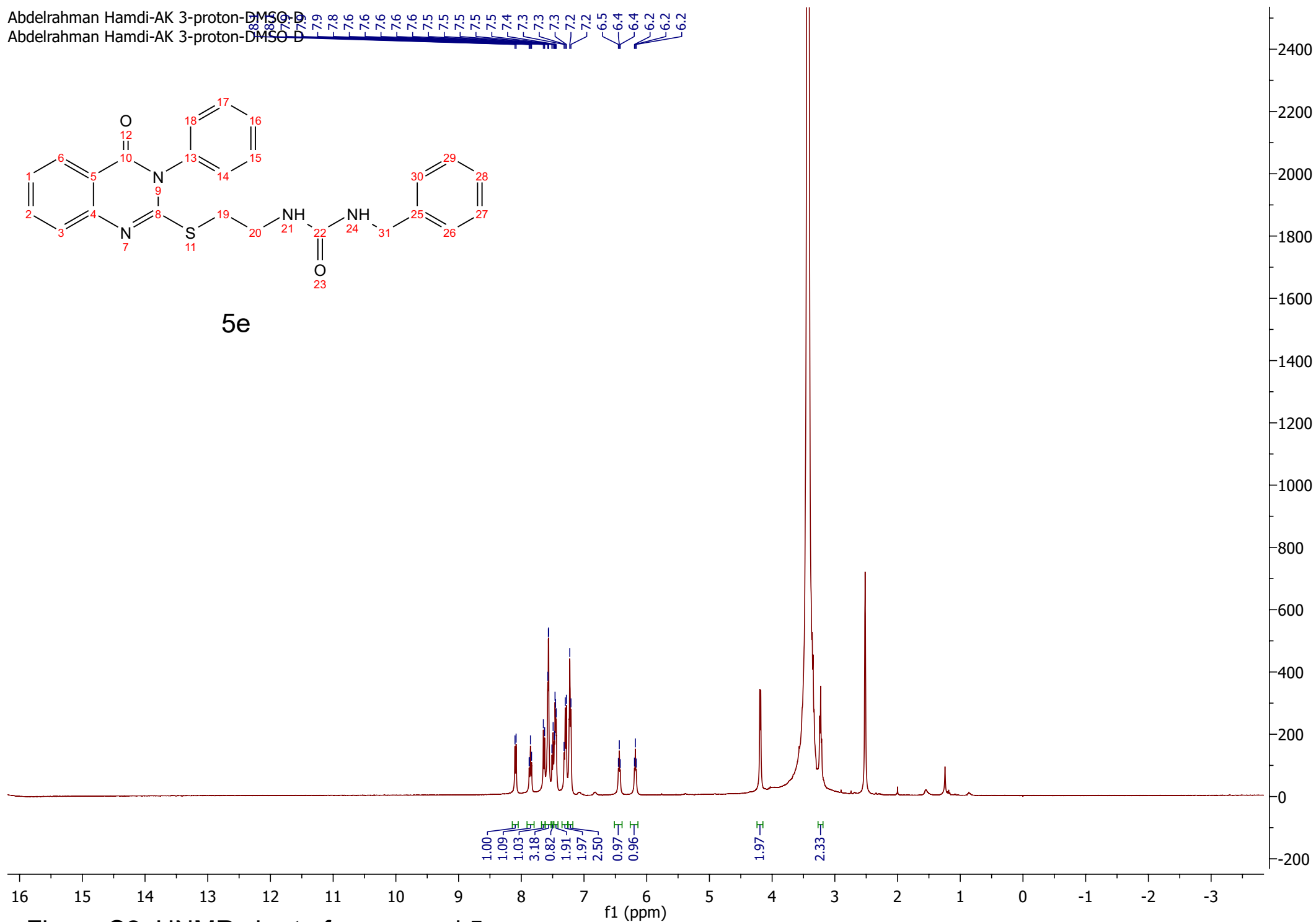


Figure S2. ¹H NMR chart of compound 5e.

Abdelrahman Hamdi-AK 4-proton-DMSO-D₆
Abdelrahman Hamdi-AK 4-proton-DMSO-D₆

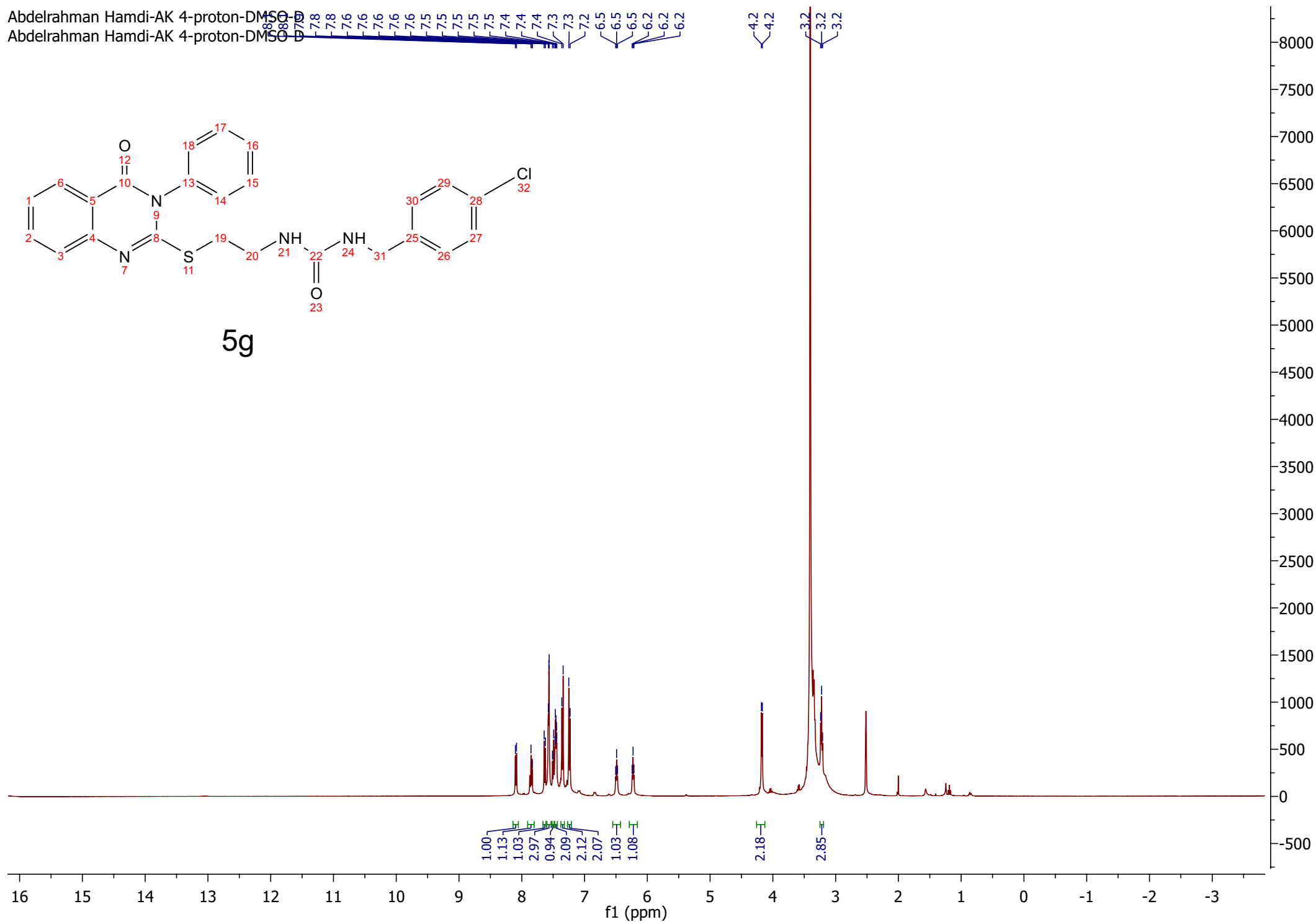


Figure S3. ¹H NMR chart of compound 5g.

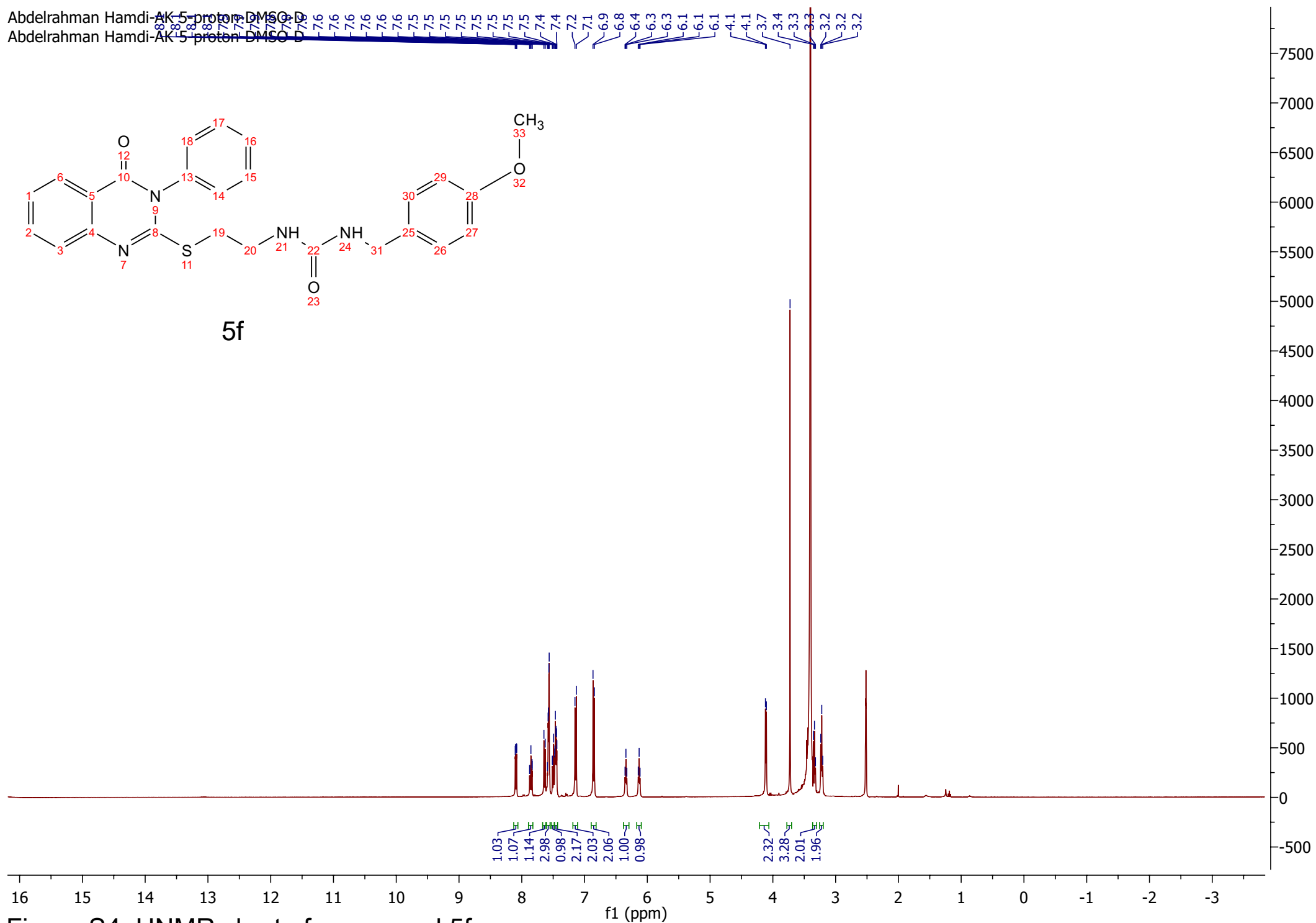


Figure S4. ¹H NMR chart of compound 5f.

Samar samir-AK-6-DMSO-Hnmr-ES
Samar samir-AK-6-DMSO-Hnmr

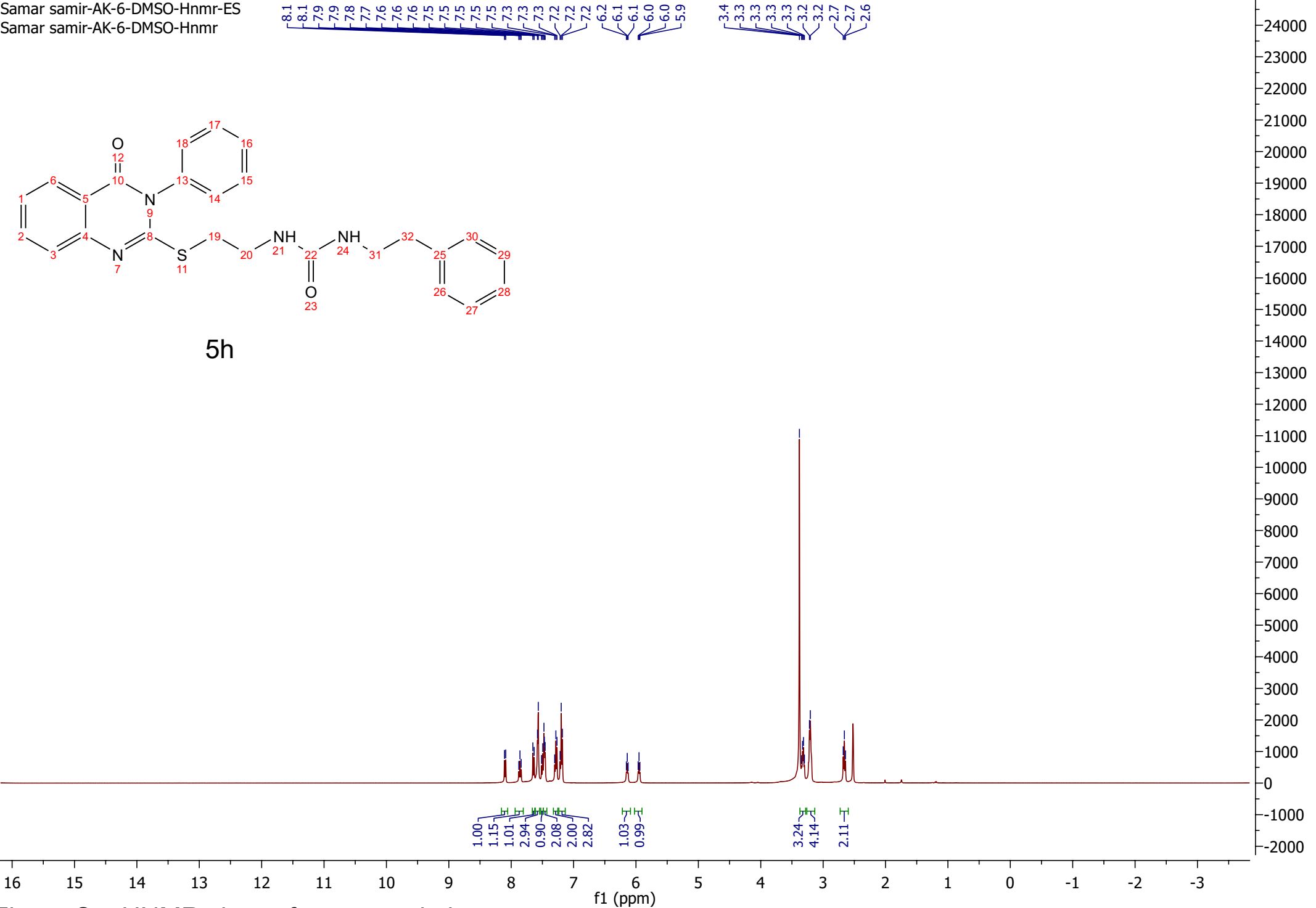


Figure S5. HNMR chart of compound 5h.

Abdelrahman Hamdi-AK 7-proton-DMSO-D₆
 Abdelrahman Hamdi-AK 7-proton-DMSO-D₆

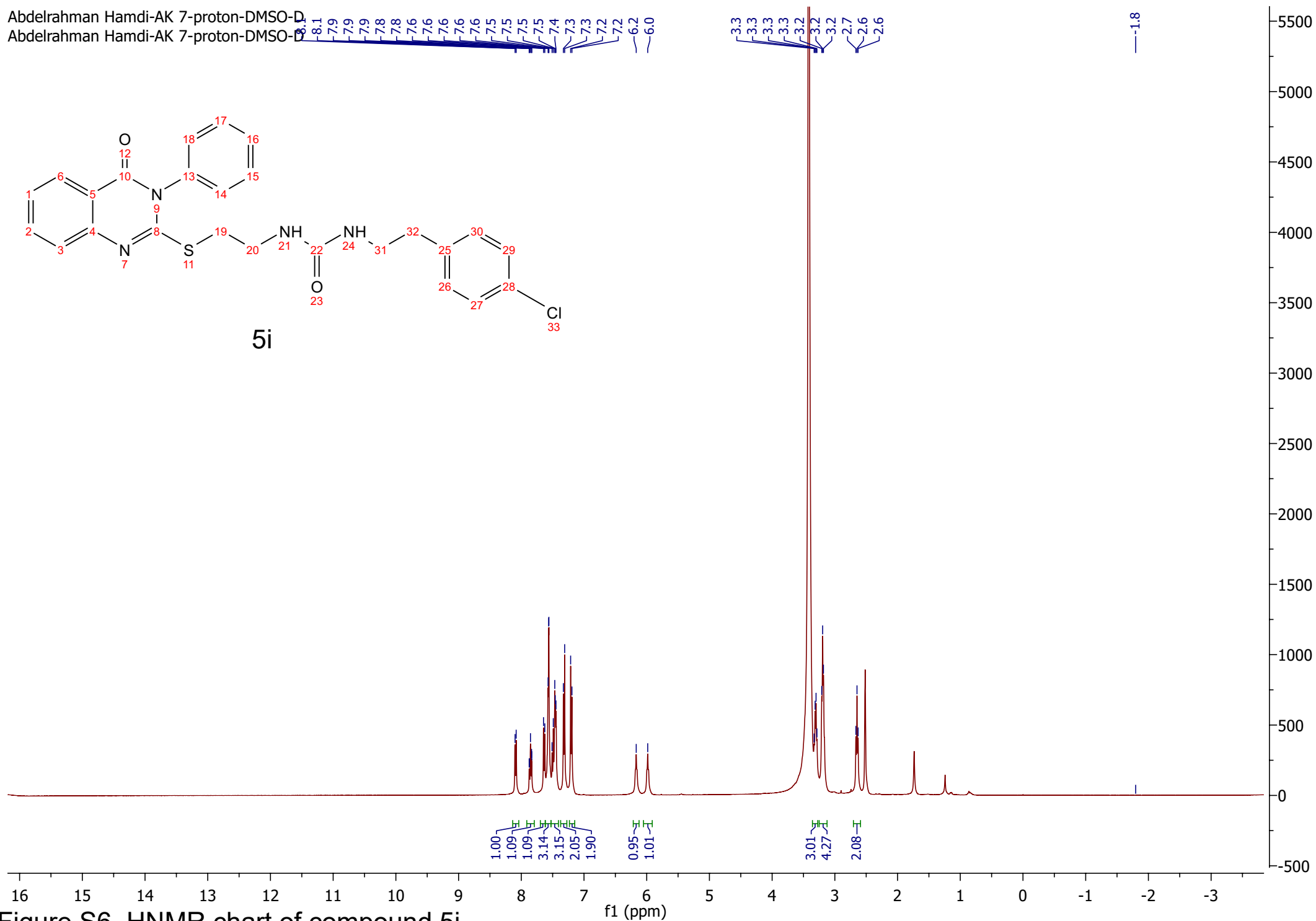


Figure S6. HNMR chart of compound 5i.

abdelrahman hamdi-AK9-HNMR-DMSO-Em
abdelrahman hamdi-AK9-HNMR-DMSO

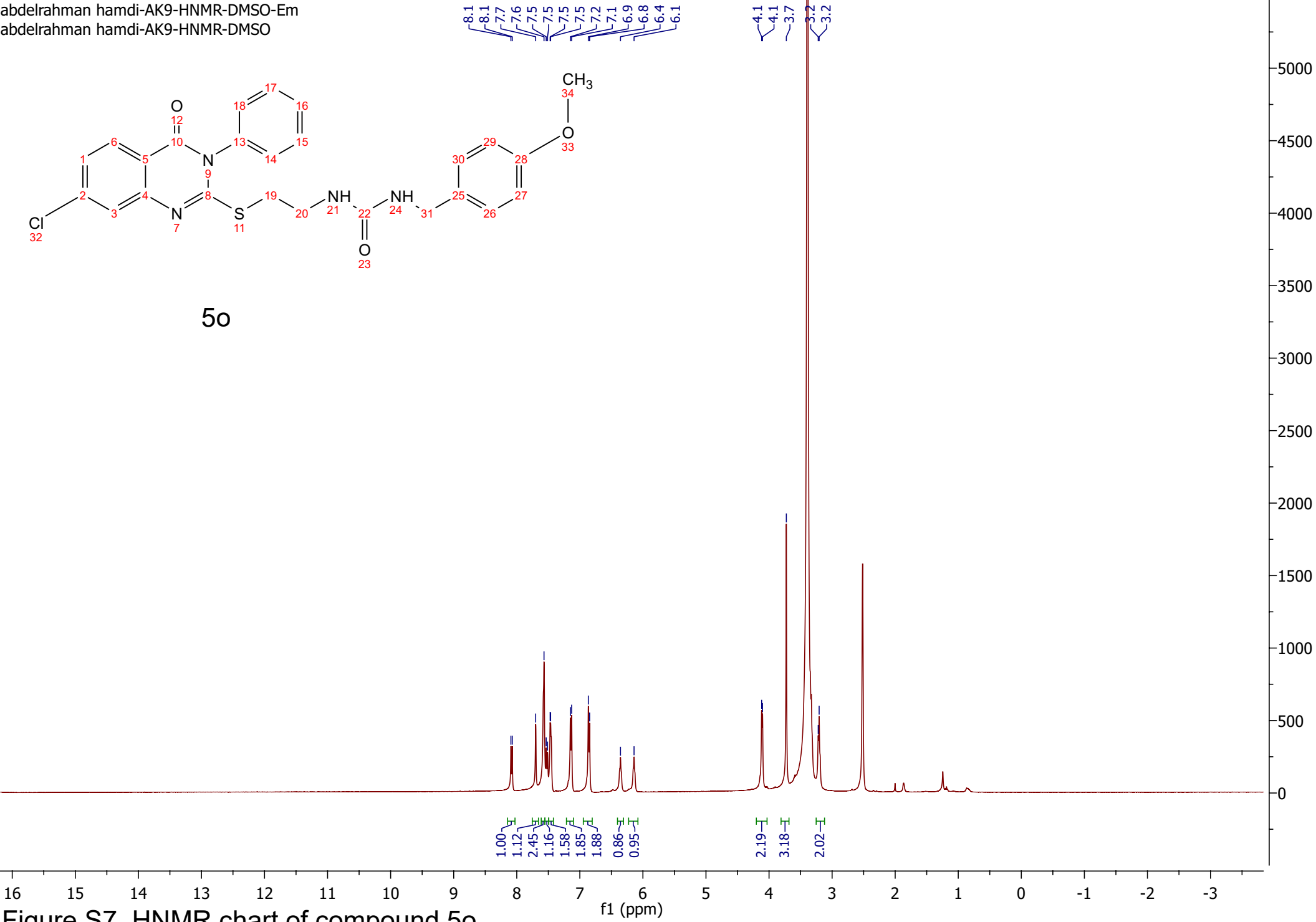


Figure S7. HNMR chart of compound 5o.

Samar samir-AK-10-DMSO-Hnmr-ES
Samar samir-AK-10-DMSO-Hnmr

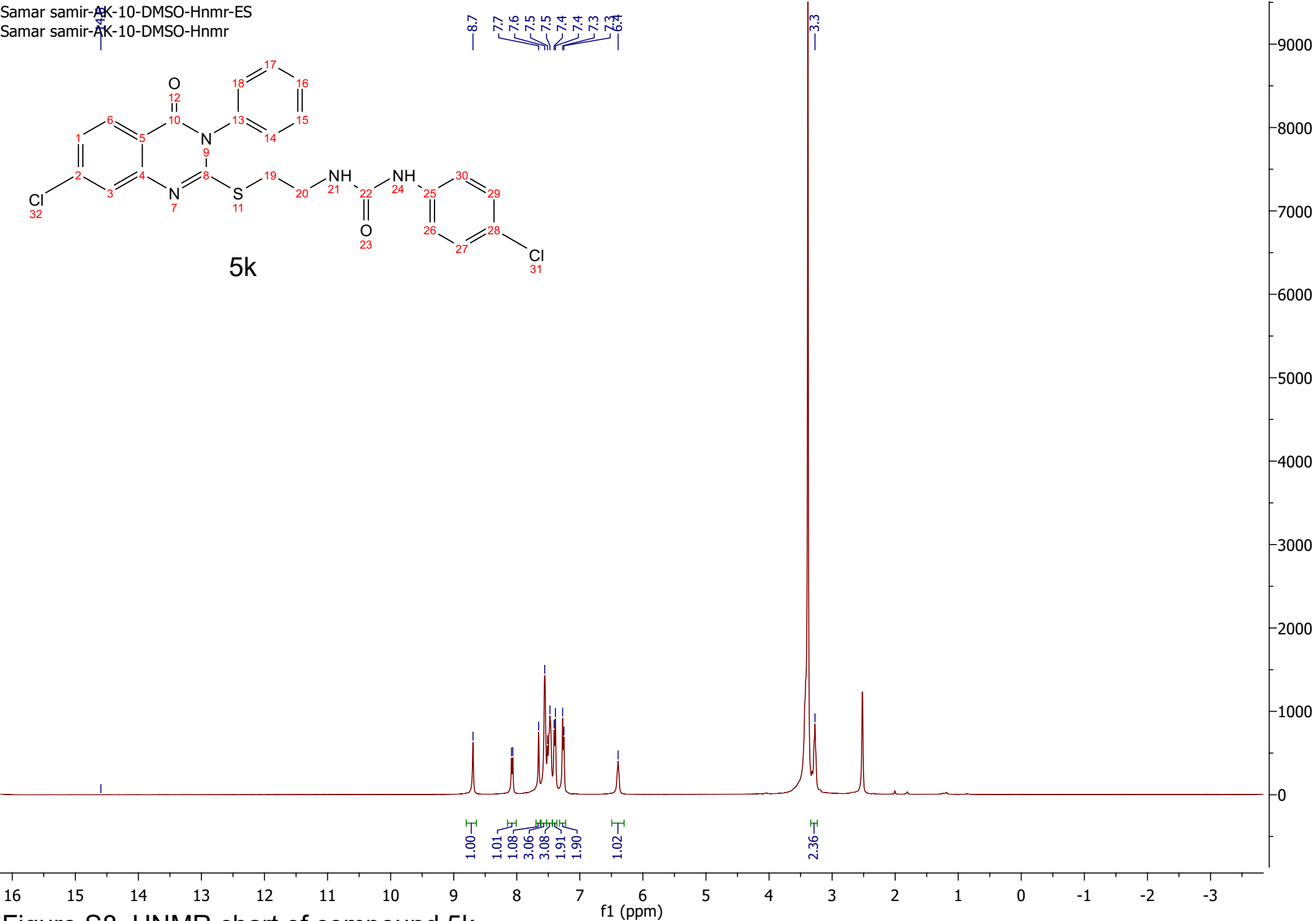


Figure S8. HNMR chart of compound 5k.

Samar samir-AK-11-DMSO-Hnmr-ES
Samar samir-AK-11-DMSO-Hnmr-ES

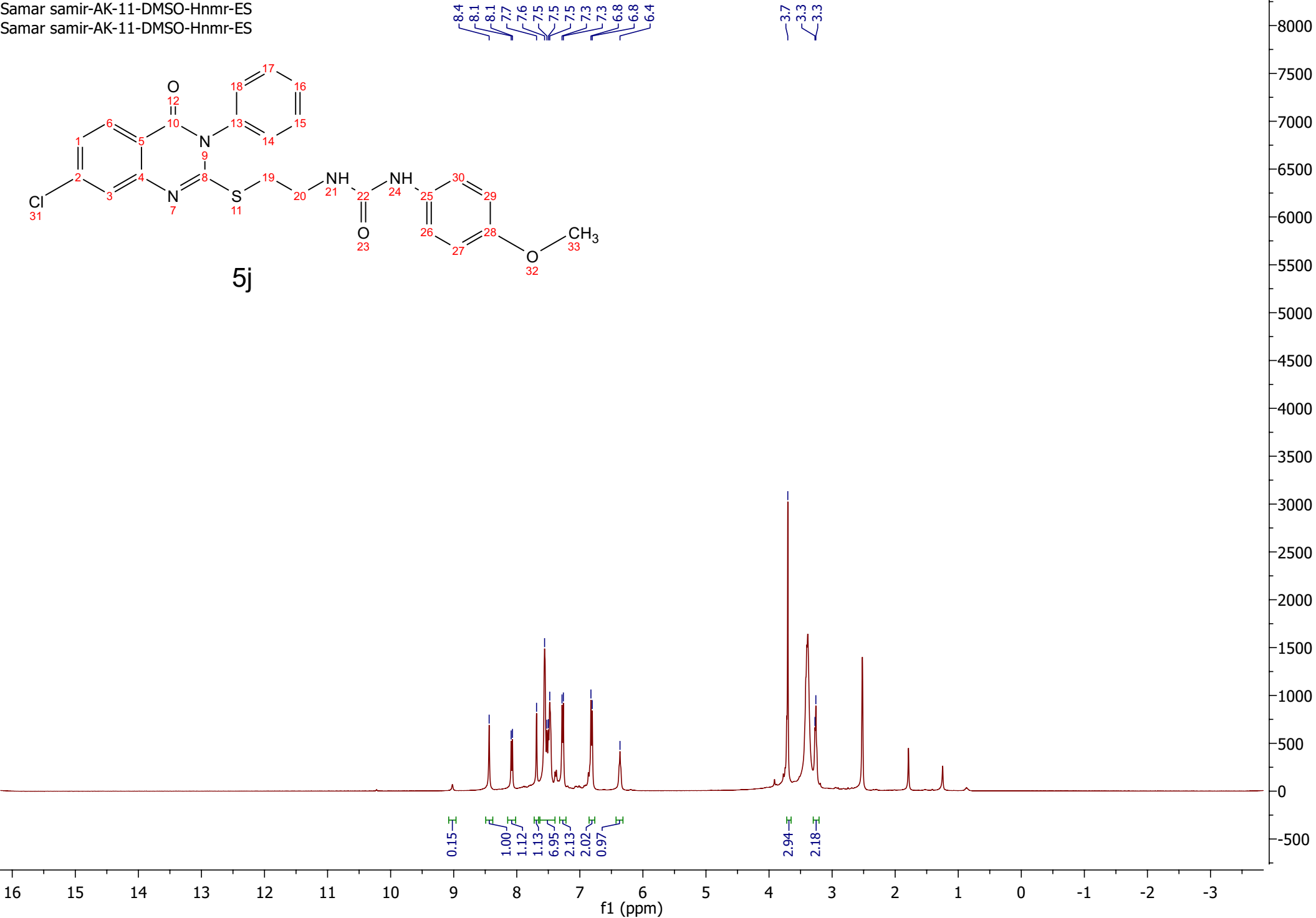


Figure S9. HNMR chart of compound 5j.

Samar samir-AK-13-DMSO-Hnmr-ES
Samar samir-AK-13-DMSO-Hnmr-ES

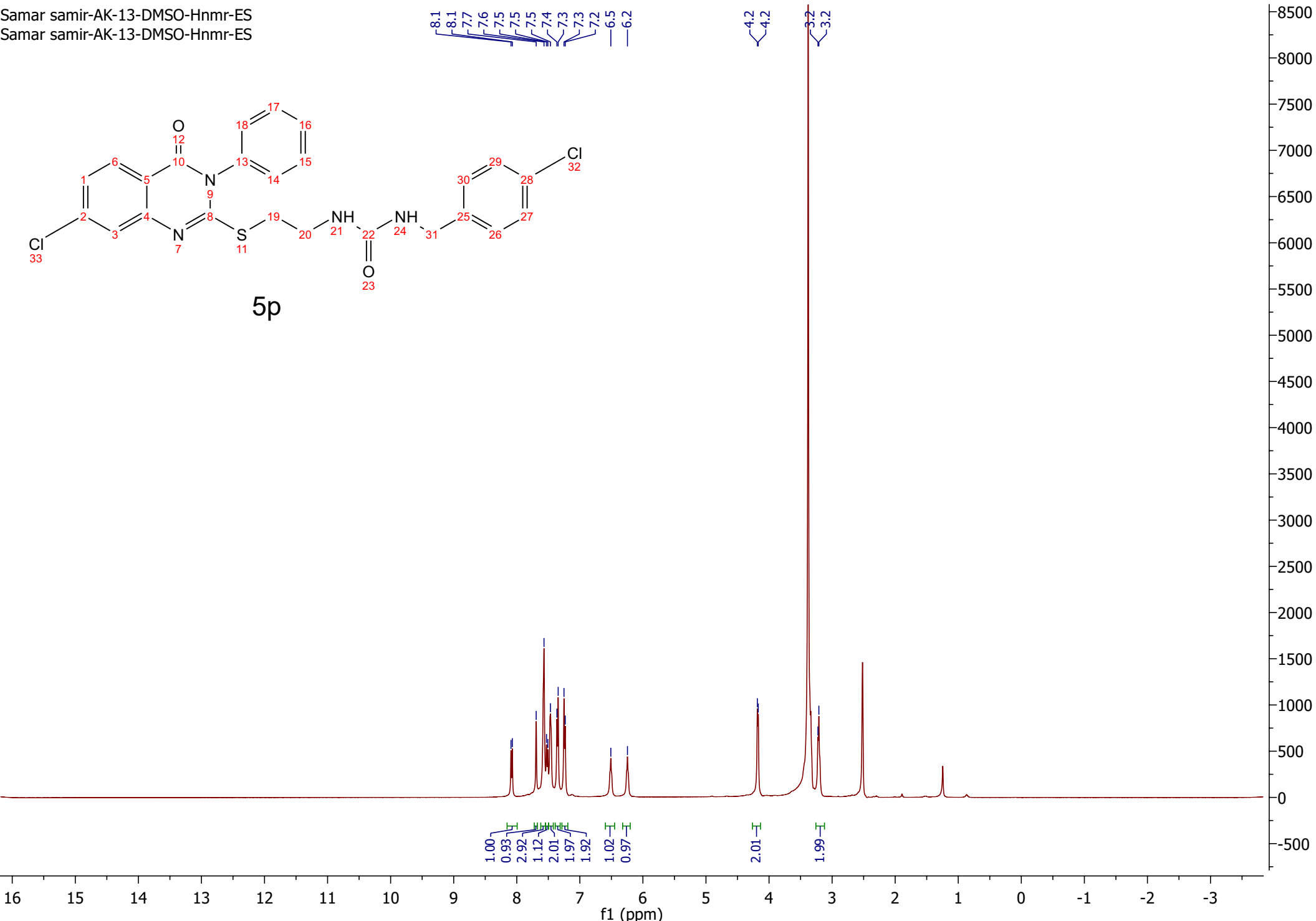


Figure S10. HNMR chart of compound 5p.

Samar samir-AK-14-DMSO-Hnmr-ES
Samar samir-AK-14-DMSO-Hnmr-ES

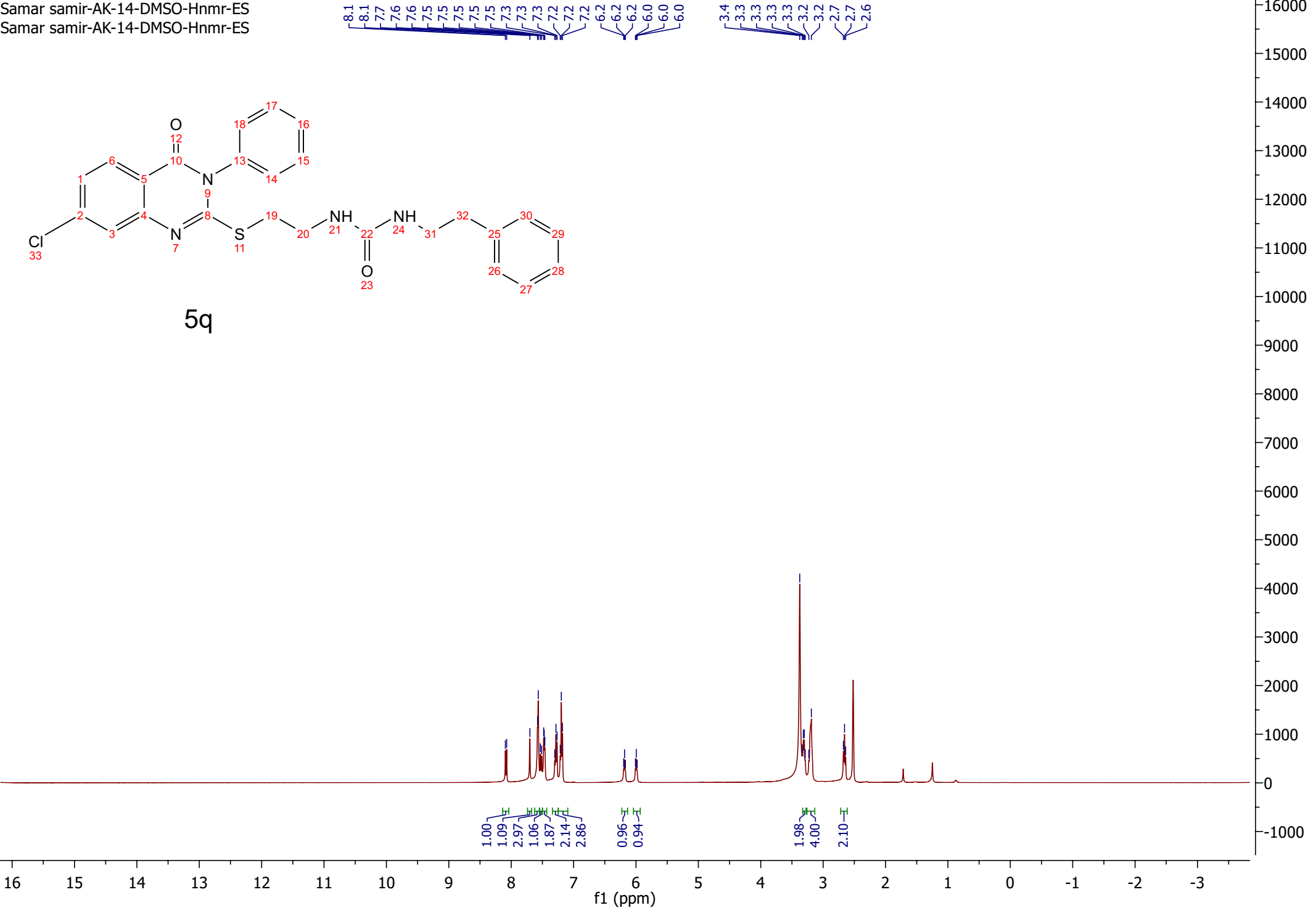


Figure S11. HNMR chart of compound 5q.

Samar samir-AK-15-DMSO-Hnmr-ES
Samar samir-AK-15-DMSO-Hnmr-ES

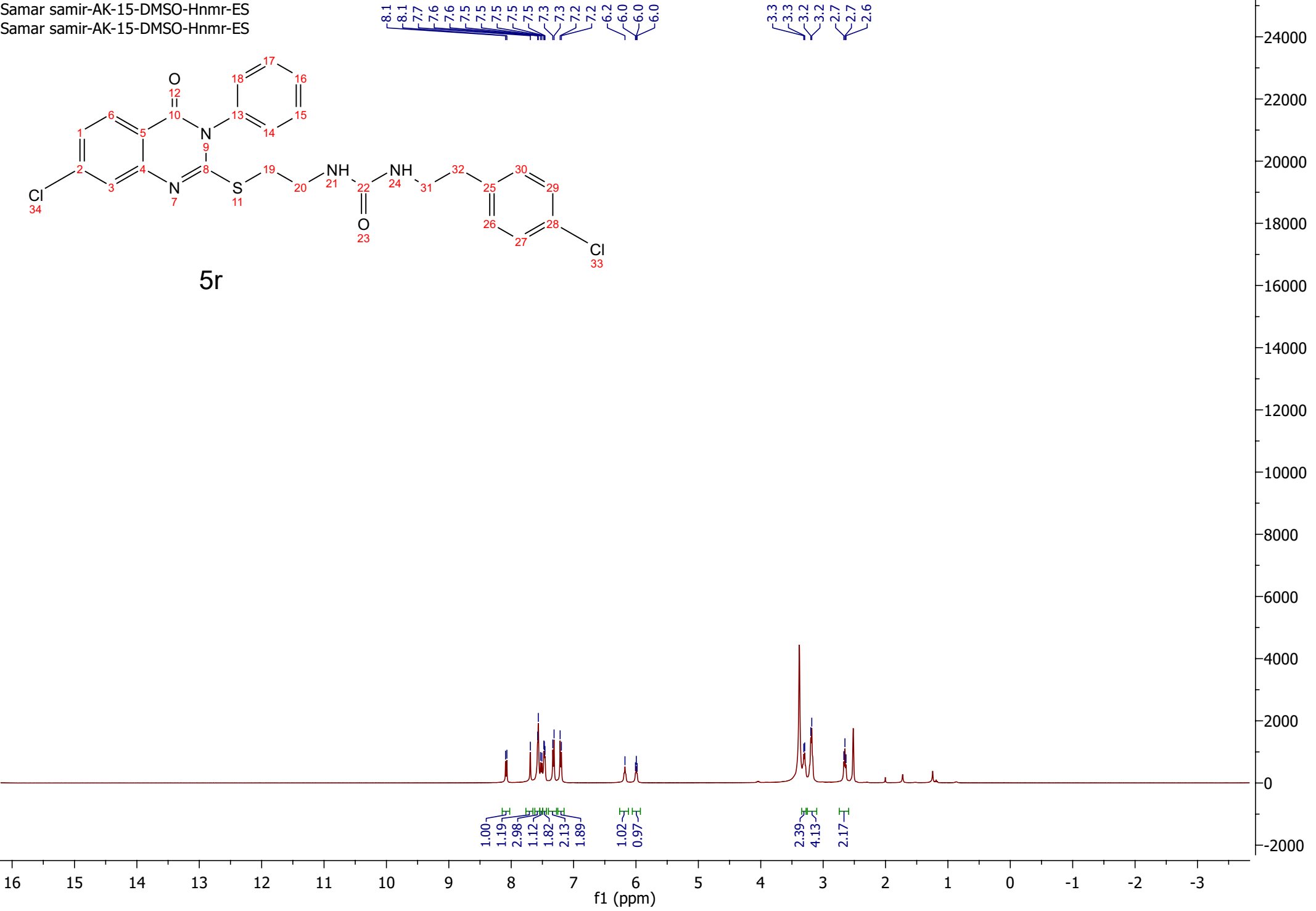


Figure S12. HNMR chart of compound 5r.

Samar samir-AK-17-DMSO-Hnmr-ES
Samar samir-AK-17-DMSO-Hnmr-ES

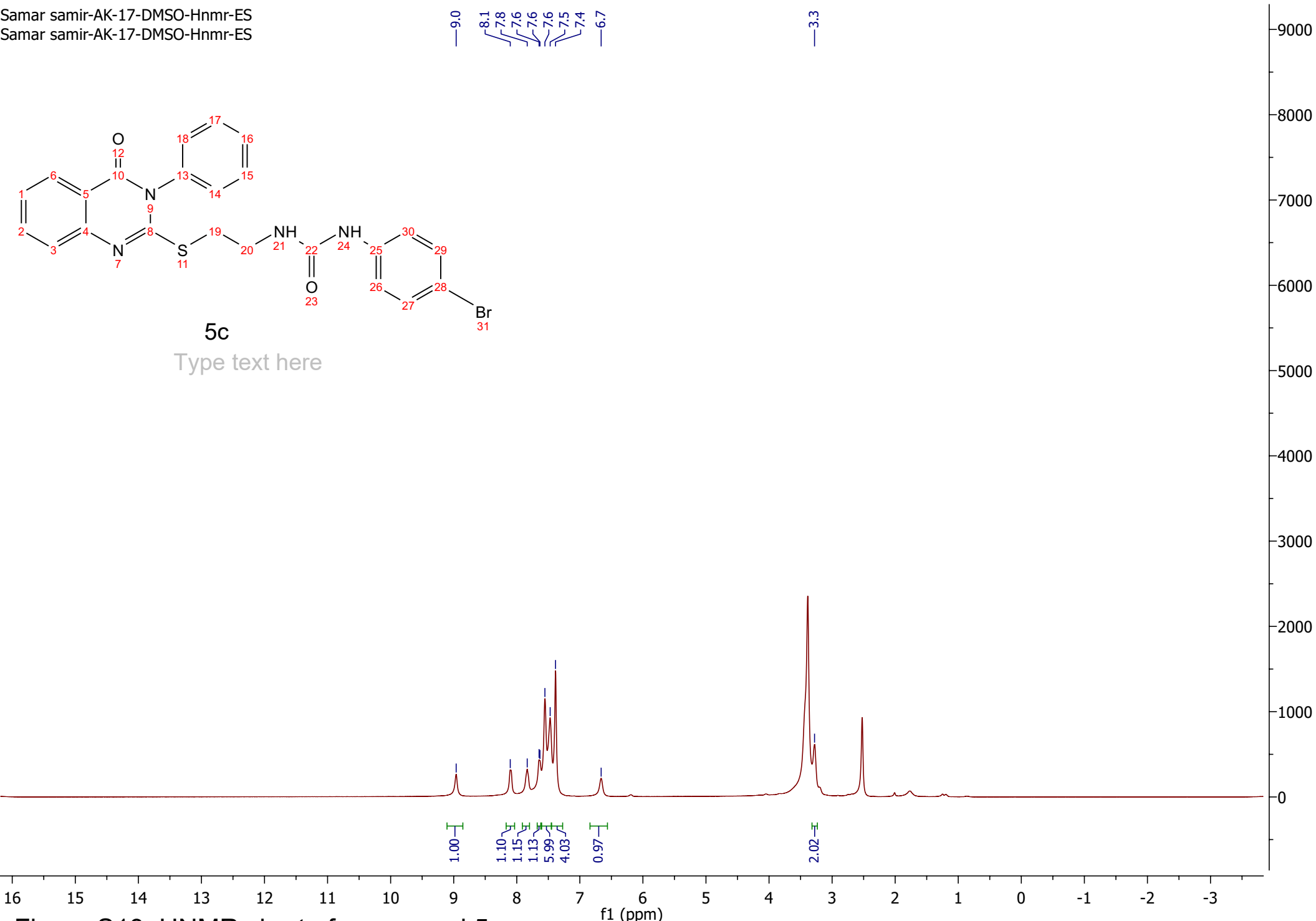


Figure S13. HNMR chart of compound 5c.

Samar samir-AK-18-DMSO-Hnmr-ES
Samar samir-AK-18-DMSO-Hnmr-ES

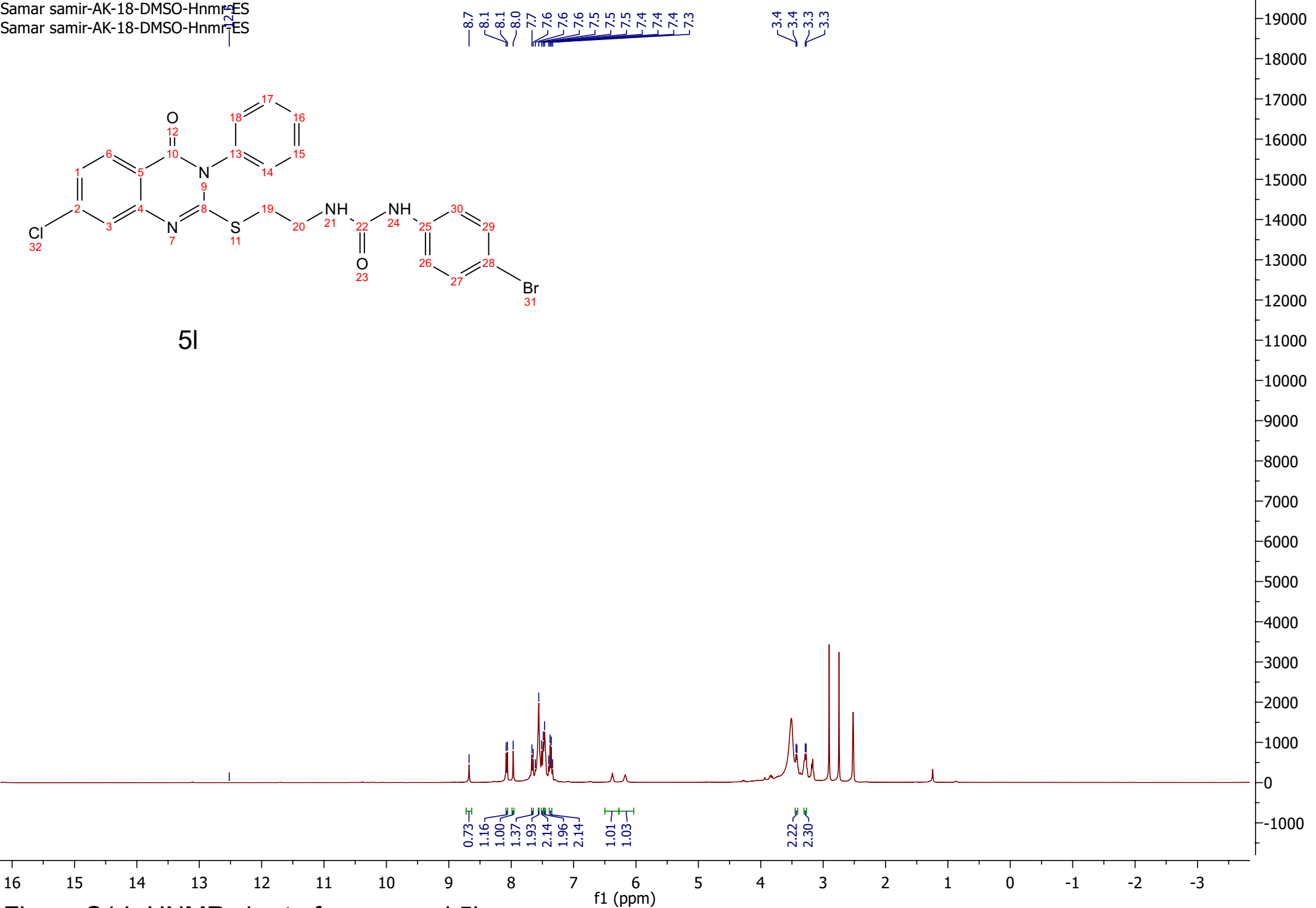


Figure S14. HNMR chart of compound 5l.

Abdelrahman Hamdi-AK 1-carbon-DMSO-D₆
 Abdelrahman Hamdi-AK 1-carbon-DMSO-D₆

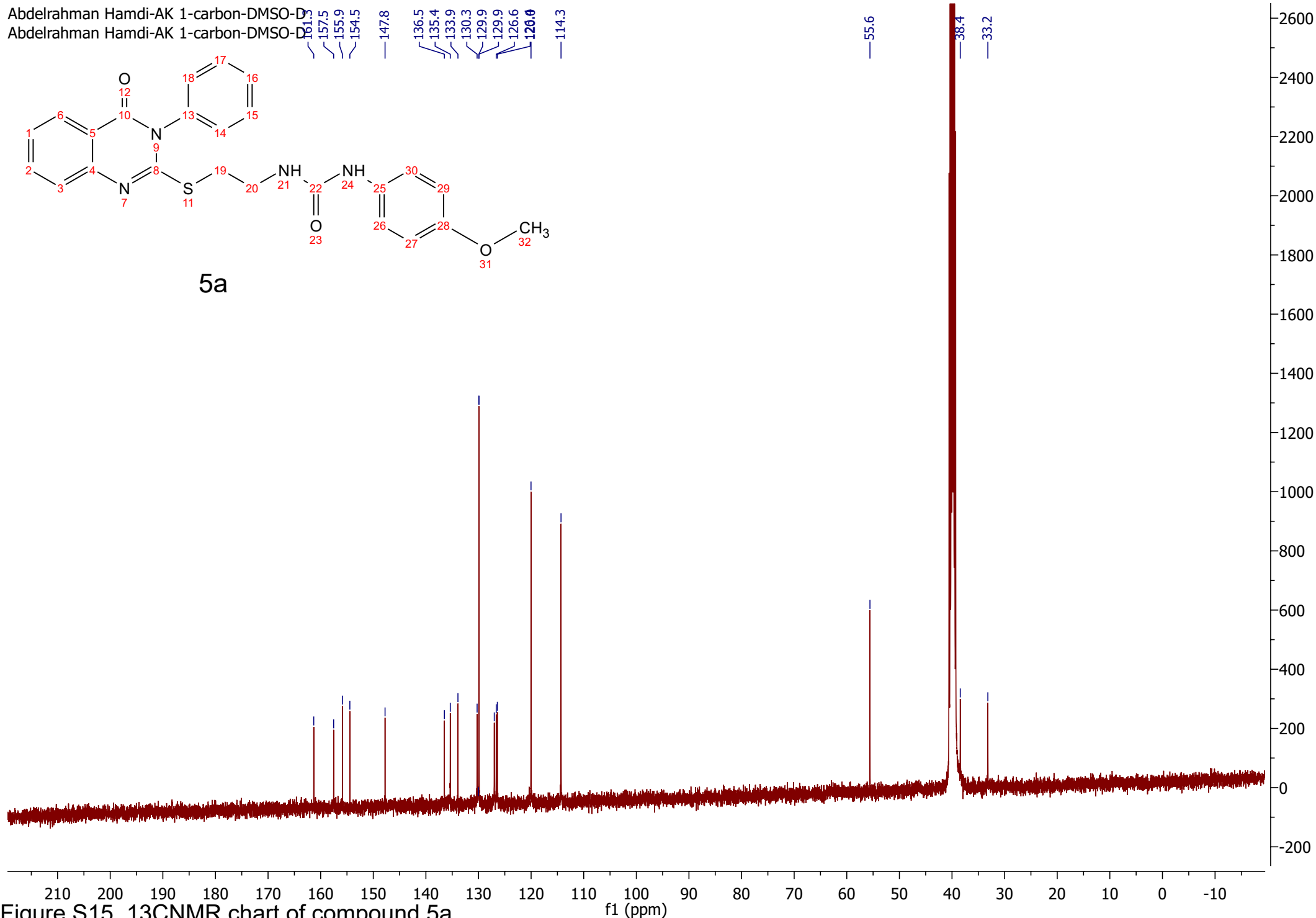
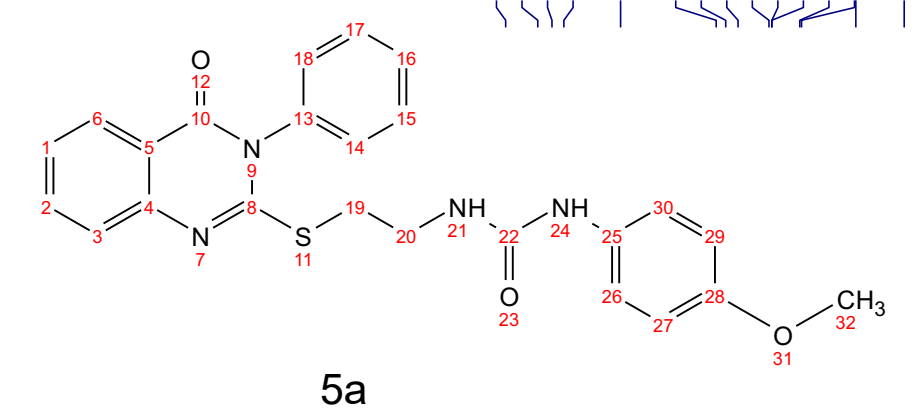


Figure S15. 13CNMR chart of compound 5a.

Abdelrahman Hamdi-AK 2-carbon-DMSO-D₆
Abdelrahman Hamdi-AK 2-carbon-DMSO-D₆

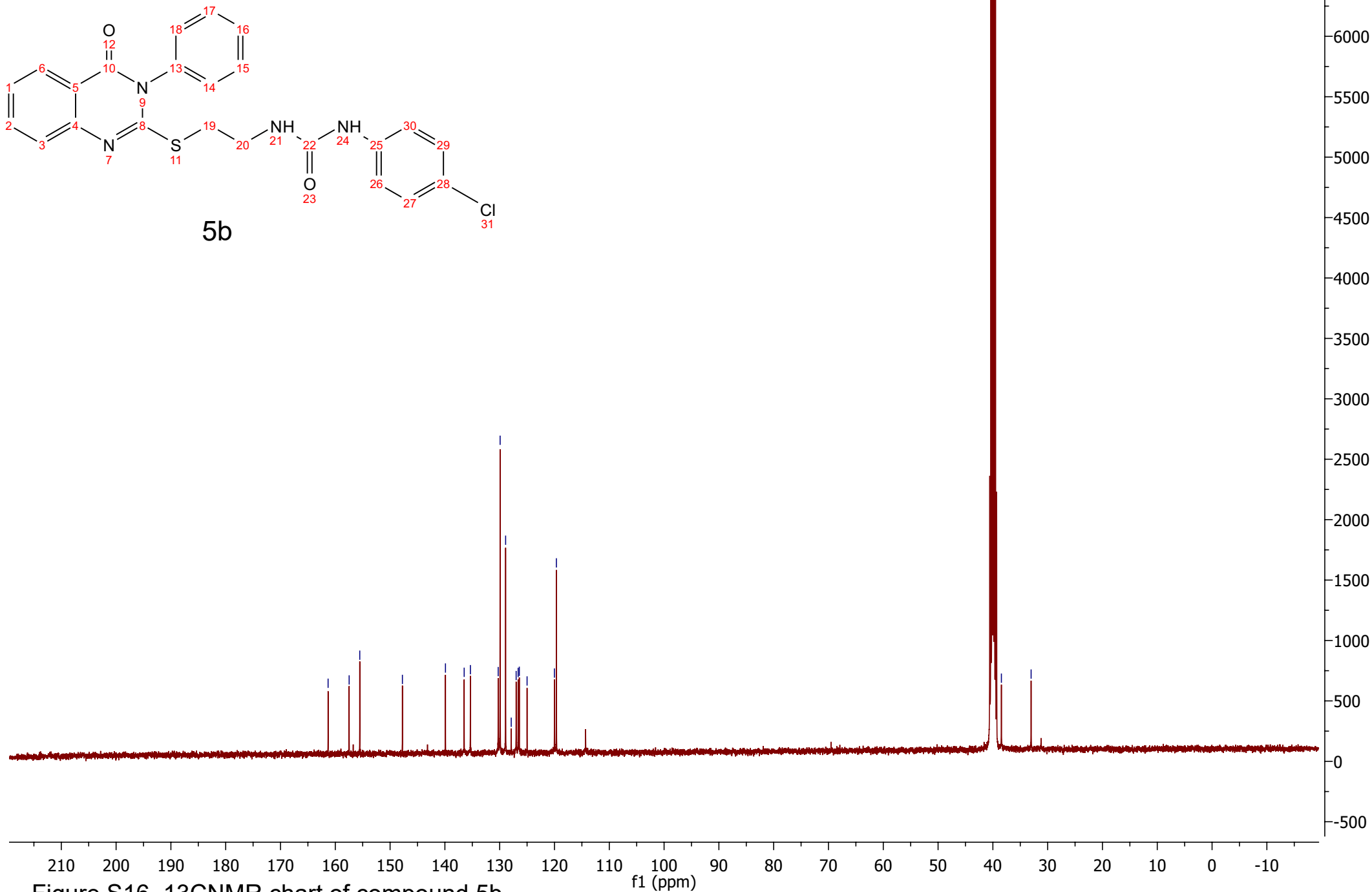
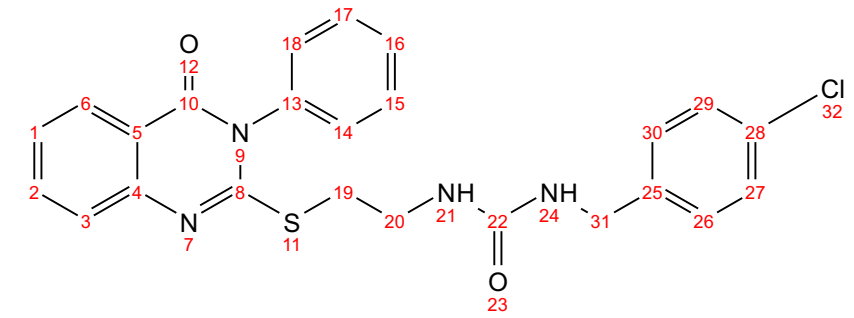


Figure S16. ¹³CNMR chart of compound 5b.

Abdelrahman Hamdi-AK 4-carbon-DMSO-D₆
Abdelrahman Hamdi-AK 4-carbon-DMSO-D₆



5g

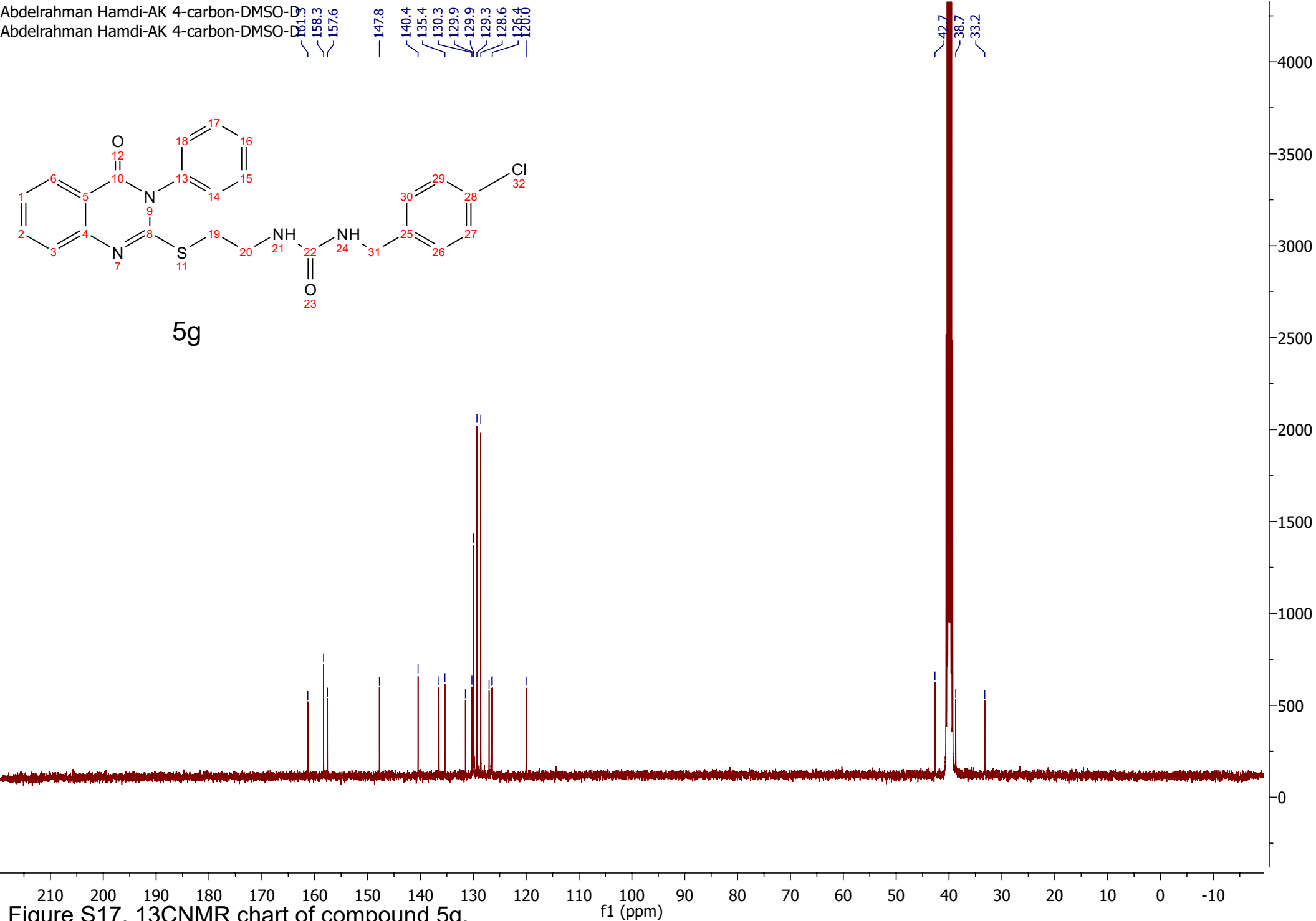


Figure S17. ¹³CNMR chart of compound 5g.

Abdelrahman Hamdi-AK 5-carbon-DMSO-d₆
Abdelrahman Hamdi-AK 5-carbon-DMSO-d₆

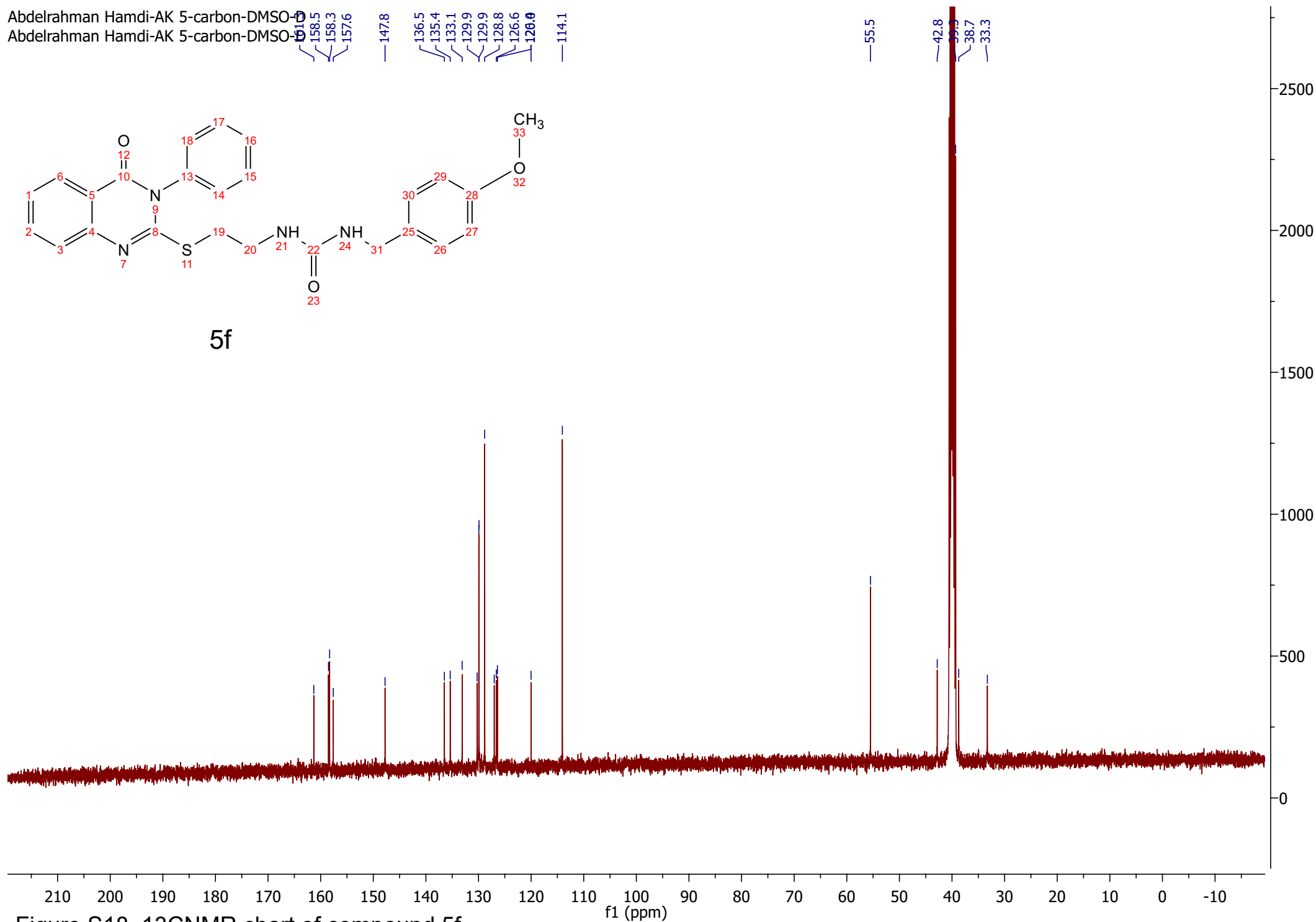
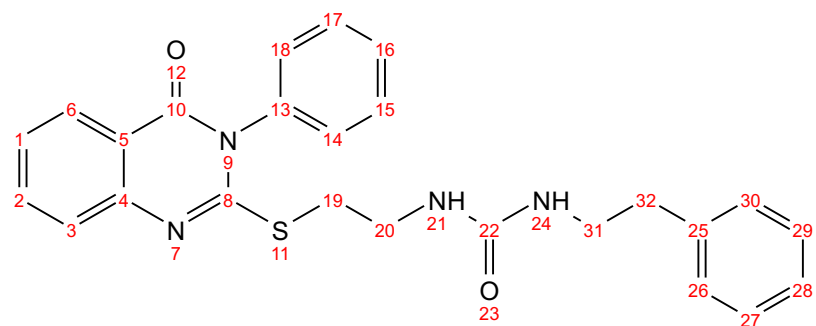


Figure S18. ¹³CNMR chart of compound 5f.

Samar Samir - Ak-6 - C13 - T
Samar Samir - Ak-6 - C13 - T

161.3
158.3
157.6
147.8
140.2
135.4
130.3
129.9
129.1
128.8
126.4
126.4
120.0

49.1
41.4
38.6
36.6
33.3



5h

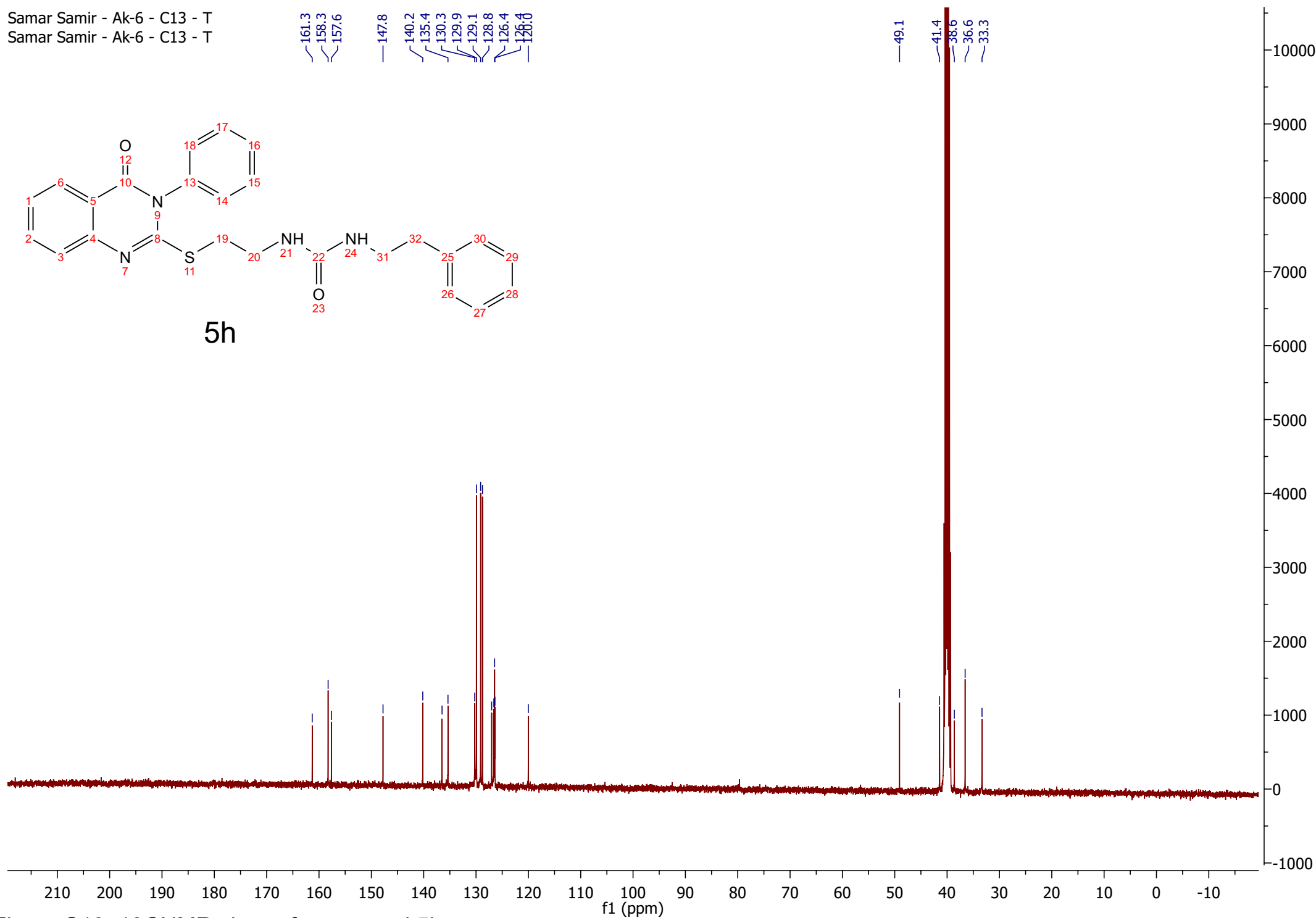


Figure S19. ¹³CNMR chart of compound 5h.

Samar Samir - Ak-10 - C13 - T
Samar Samir - Ak-10 - C13 - T

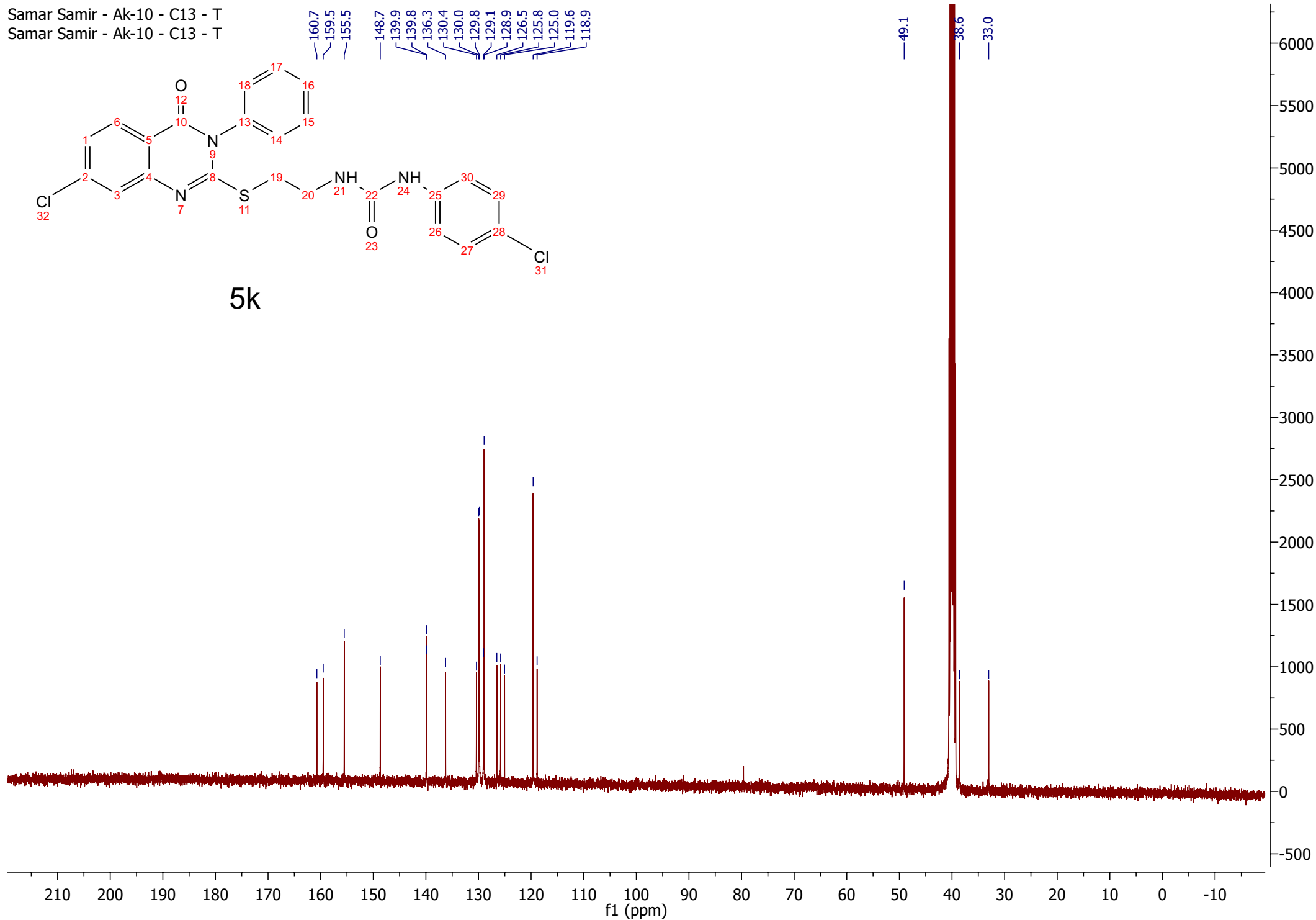


Figure S20. ¹³C NMR chart of compound 5k.

Samar Samir - Ak-11 - C13 - T
Samar Samir - Ak-11 - C13 - T

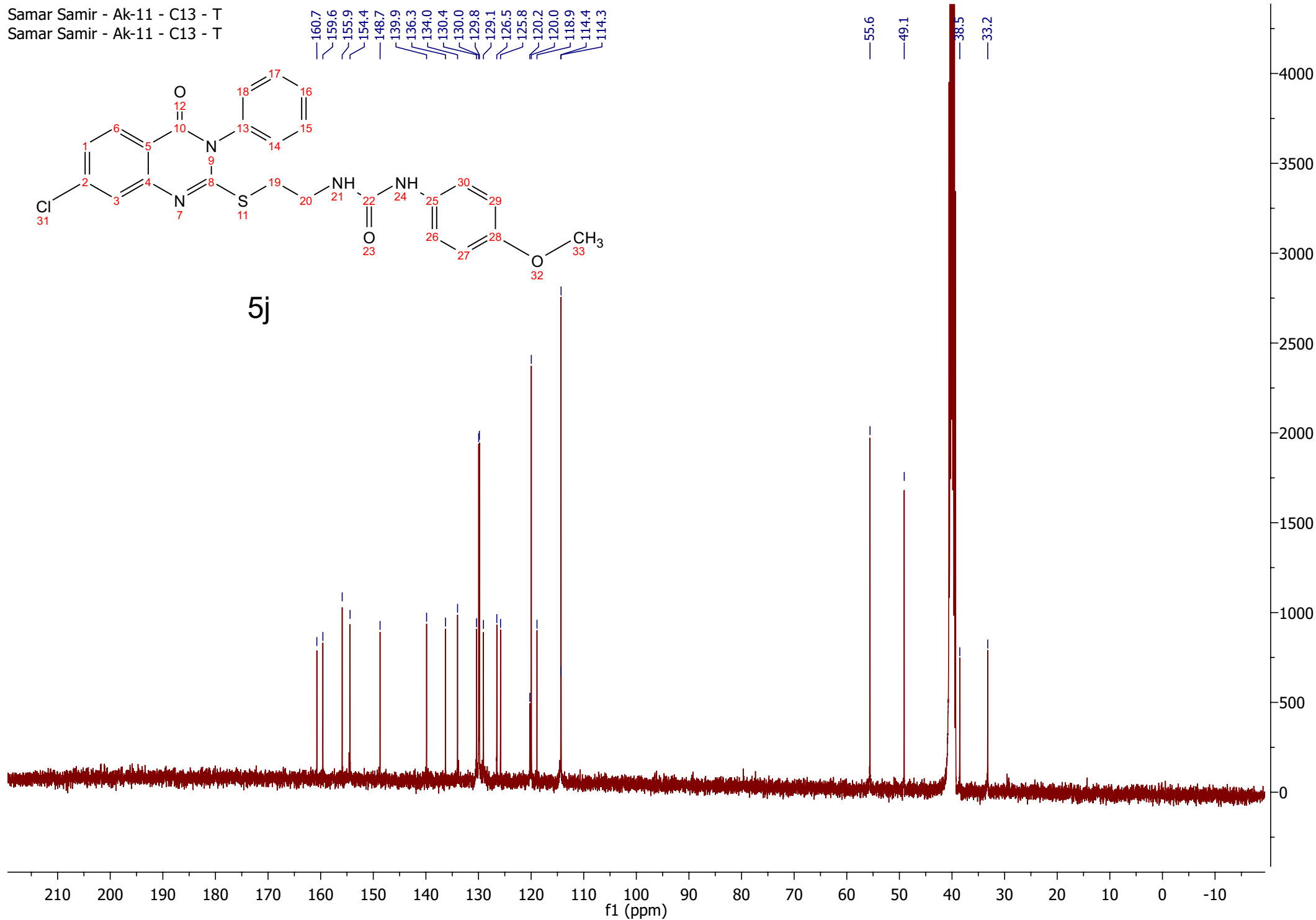


Figure S21. ¹³CNMR chart of compound 5j.

Samar Samir - Ak-12 - C13 - T
Samar Samir - Ak-12 - C13 - T

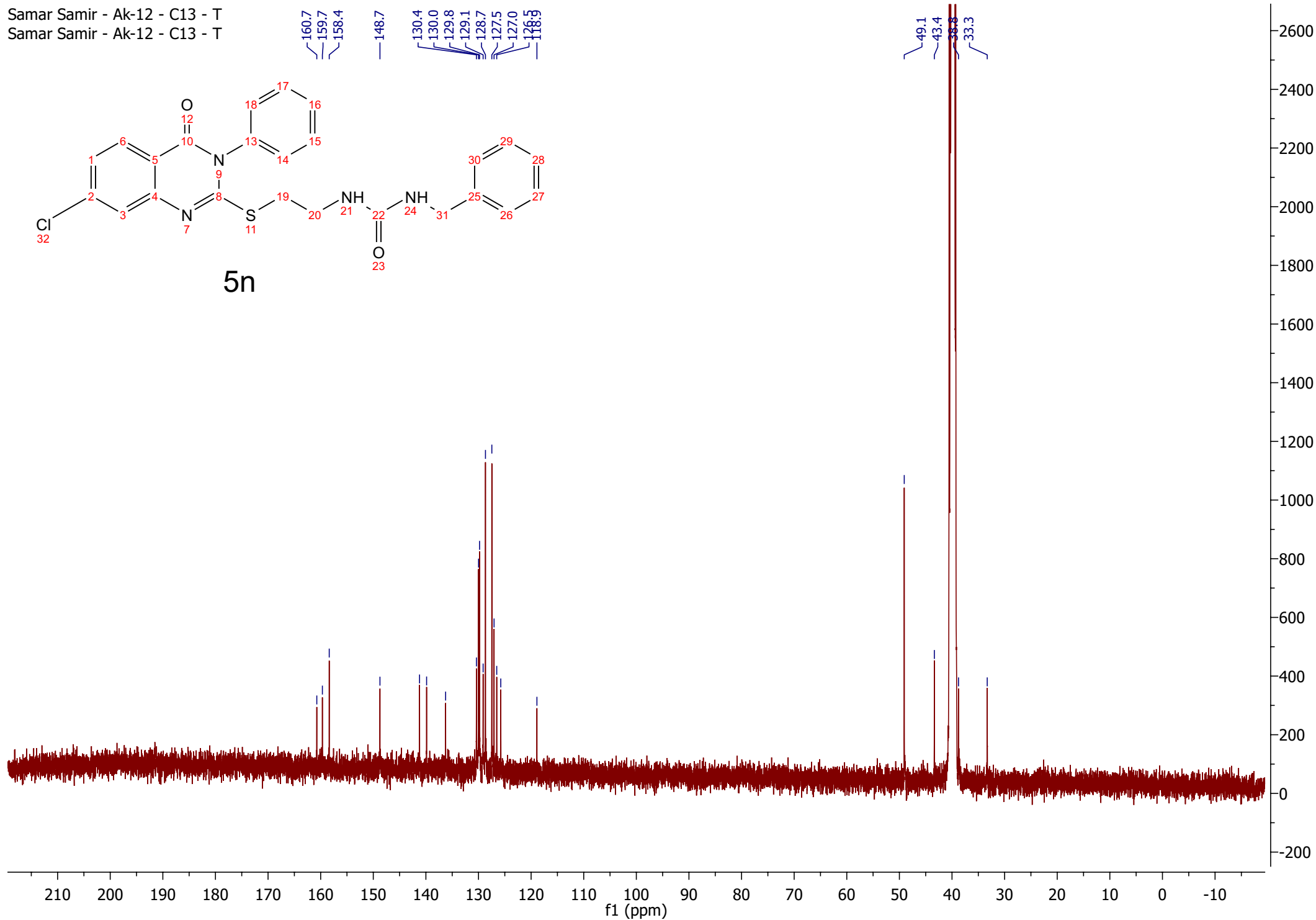


Figure S22. ¹³C NMR chart of compound 5n.

Samar Samir - Ak-13 - C13 - T
Samar Samir - Ak-13 - C13 - T

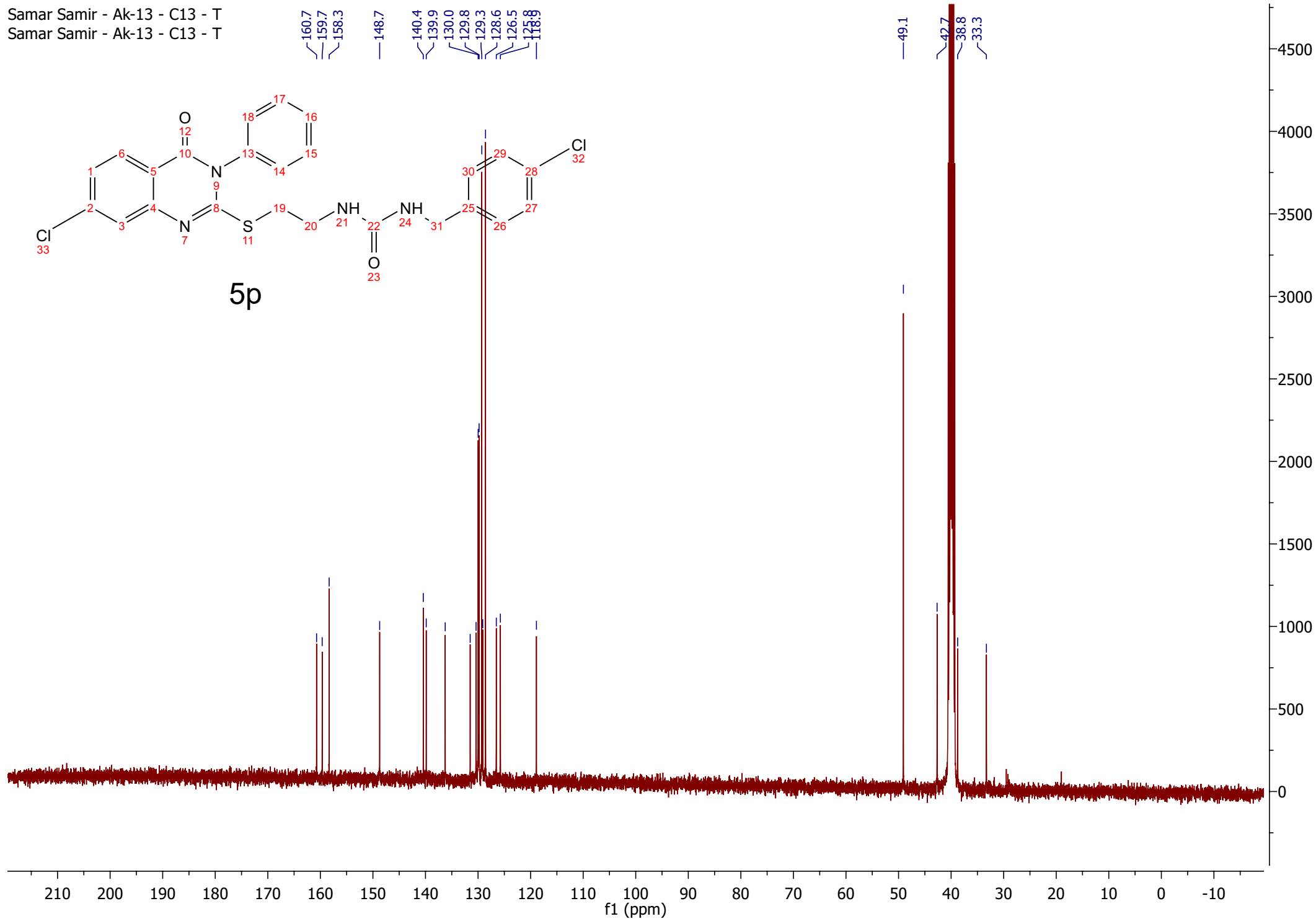


Figure S23. ¹³CNMR chart of compound 5p.

Samar Samir - Ak-14 - C13 - T
Samar Samir - Ak-14 - C13 - T

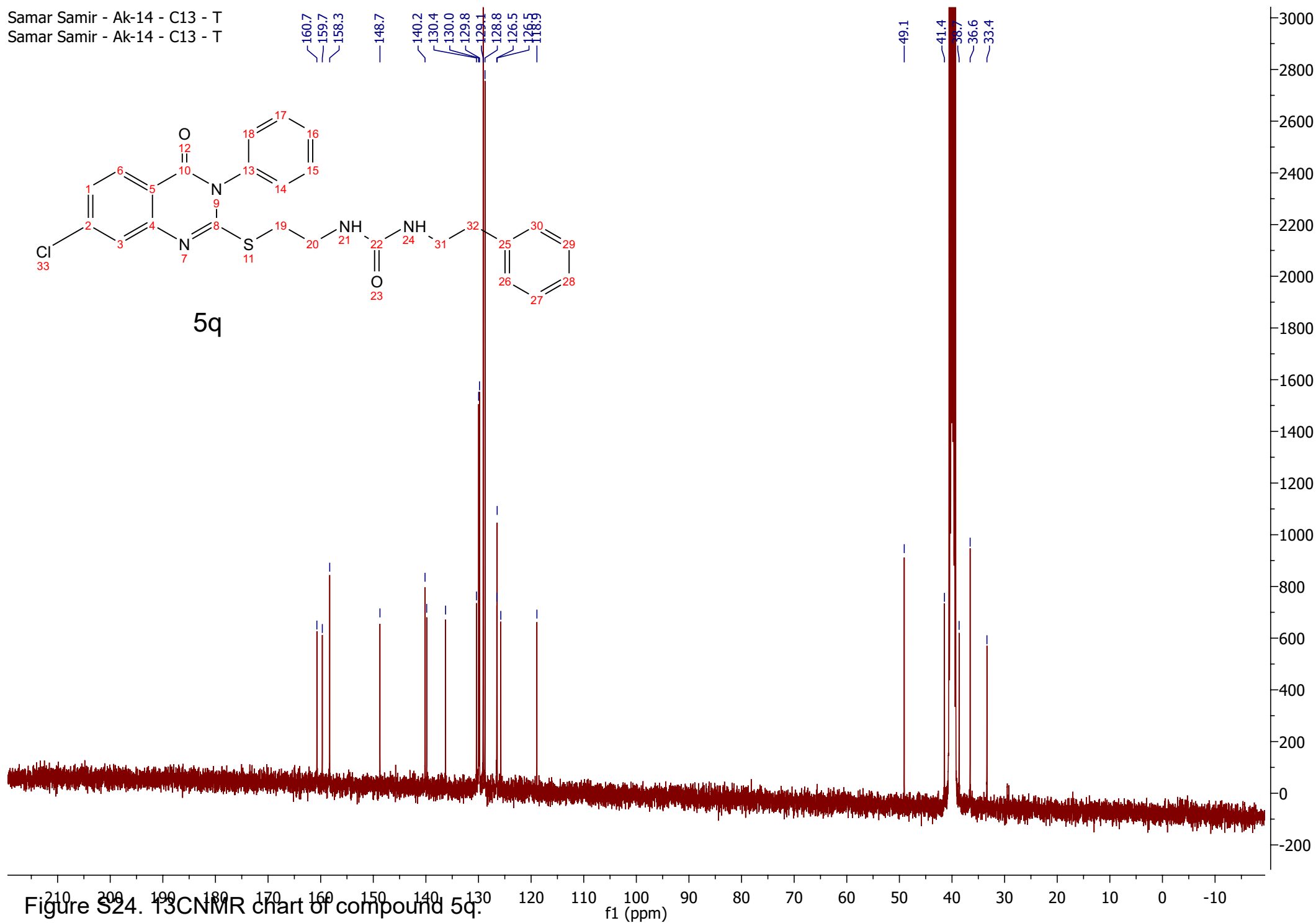


Figure S24. ¹³C NMR chart of compound 5q.

Samar Samir - Ak-15 - C13 - T
Samar Samir - Ak-15 - C13 - T

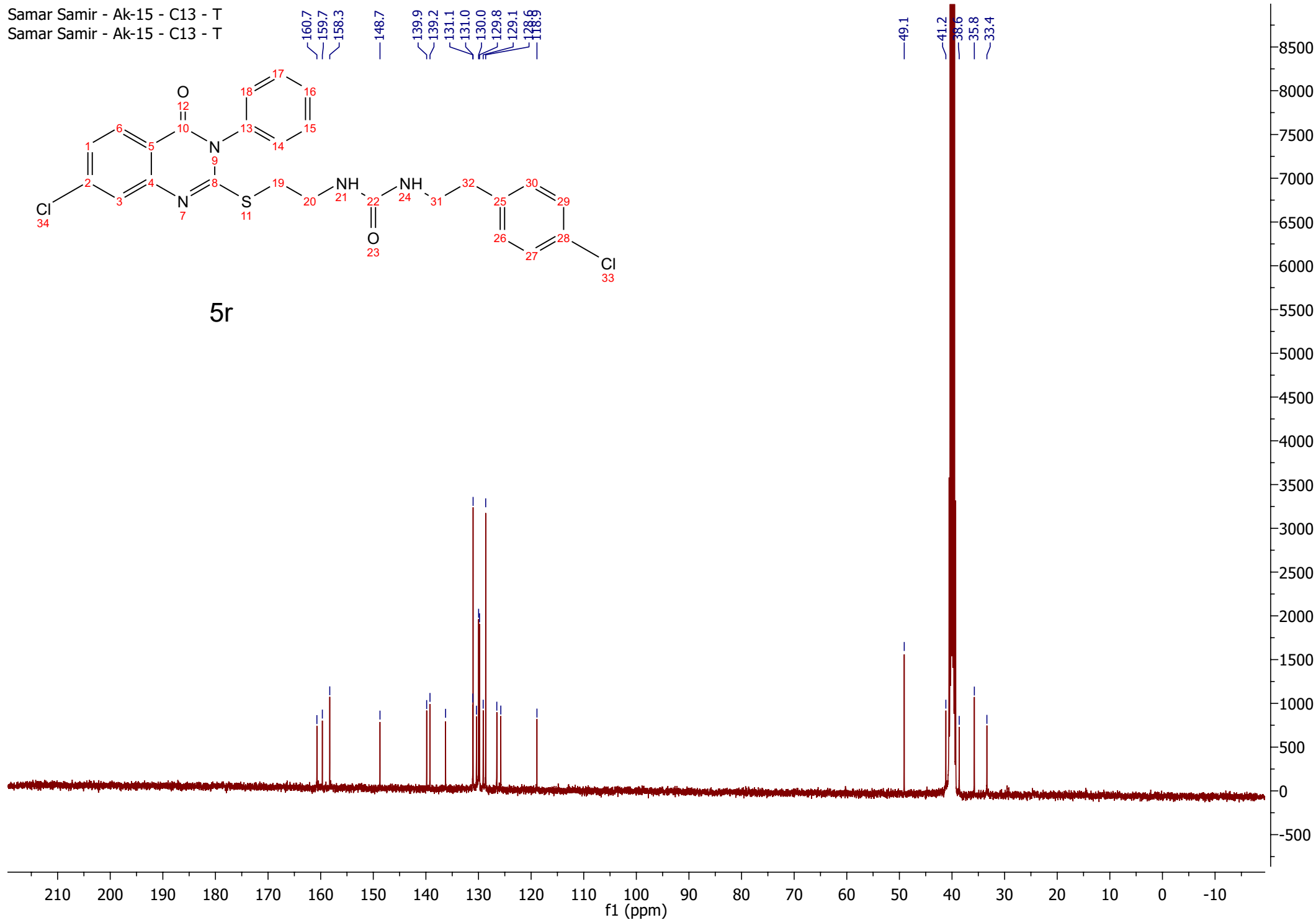


Figure S25. ¹³CNMR chart of compound 5r.

Samar Samir - Ak-17 - C13 - T
Samar Samir - Ak-17 - C13 - T

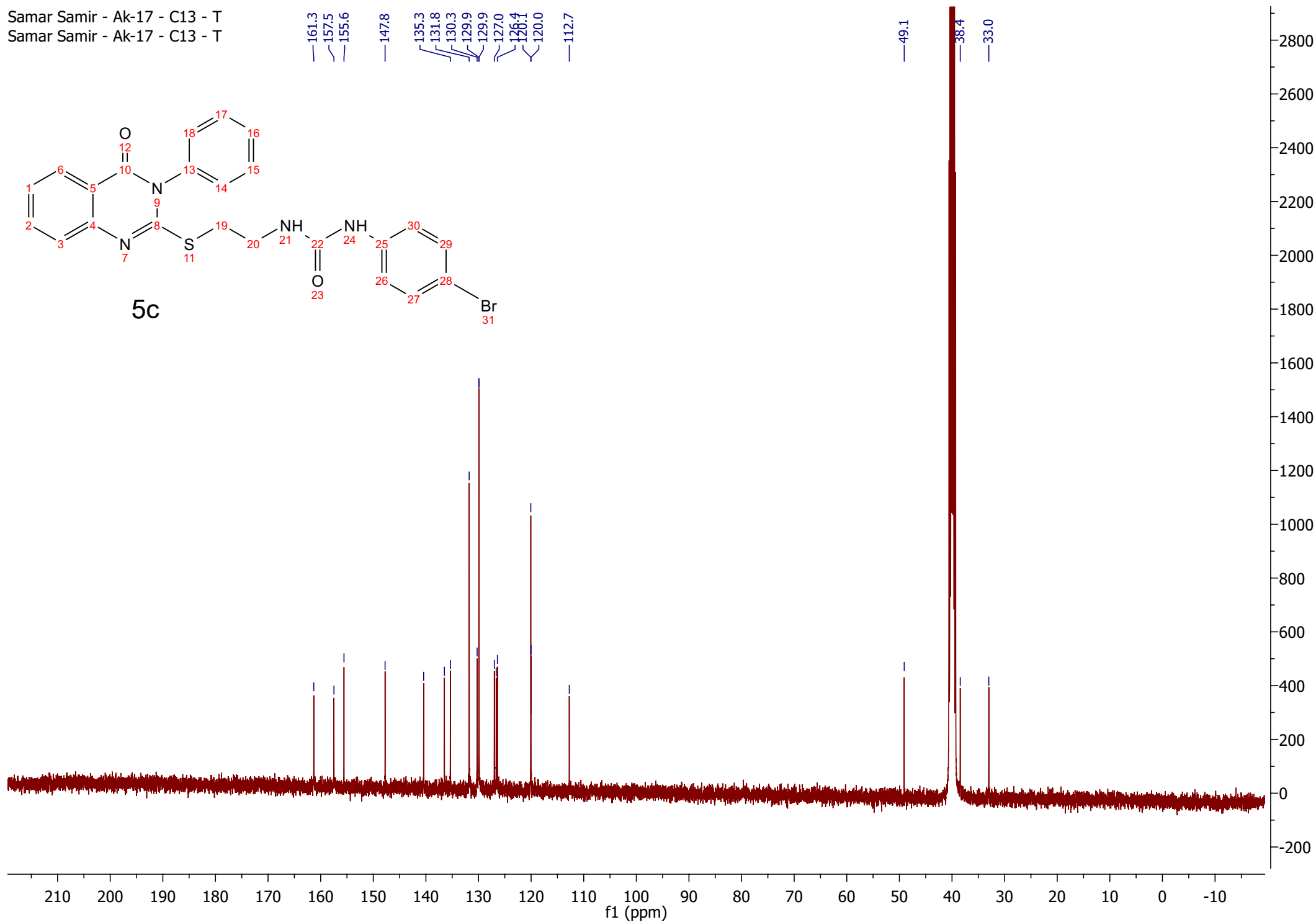


Figure S26. ¹³CNMR chart of compound 5c.

Samar Samir - Ak-19 - C13 - T
Samar Samir - Ak-19 - C13 - T

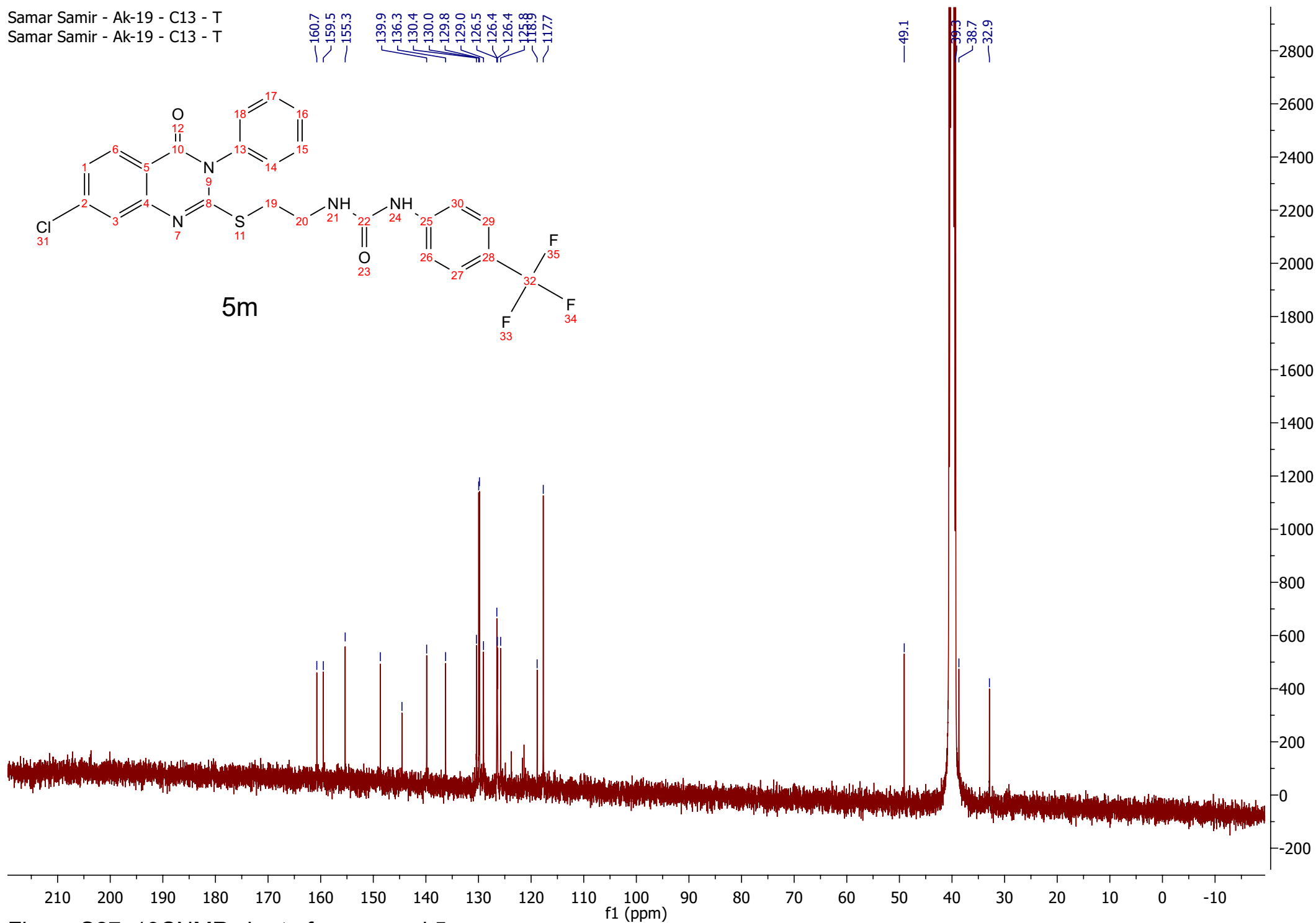
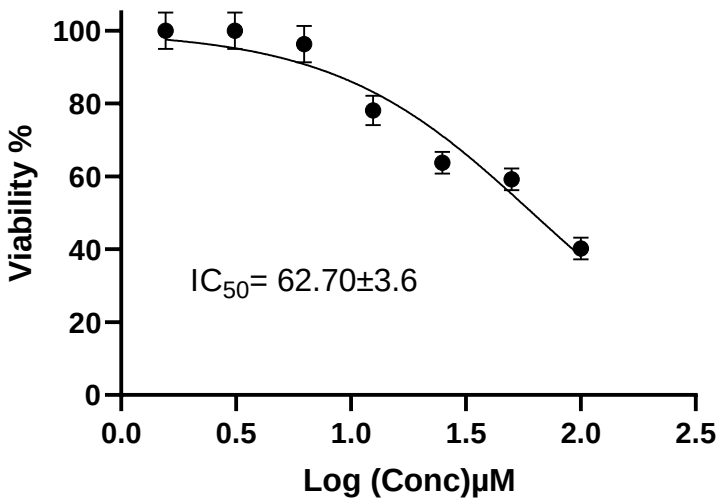
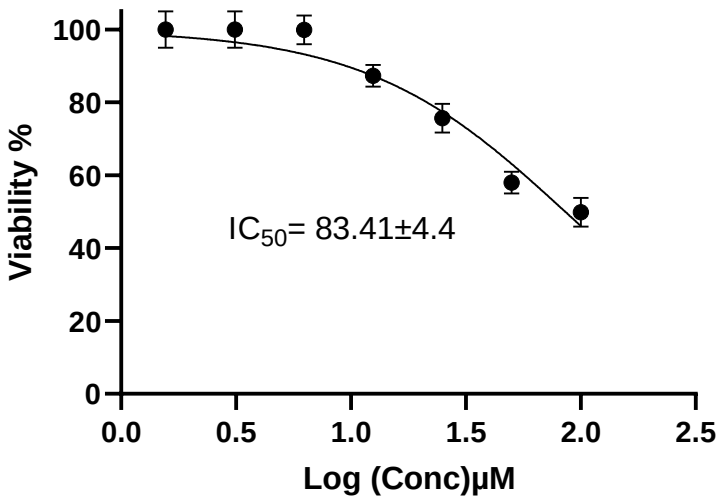
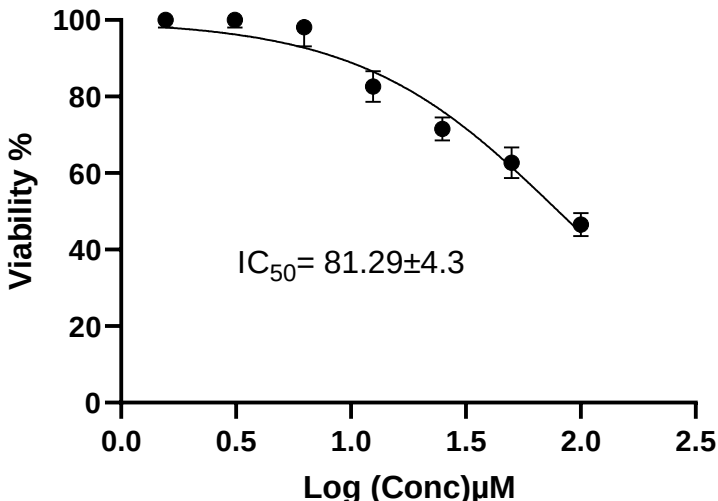
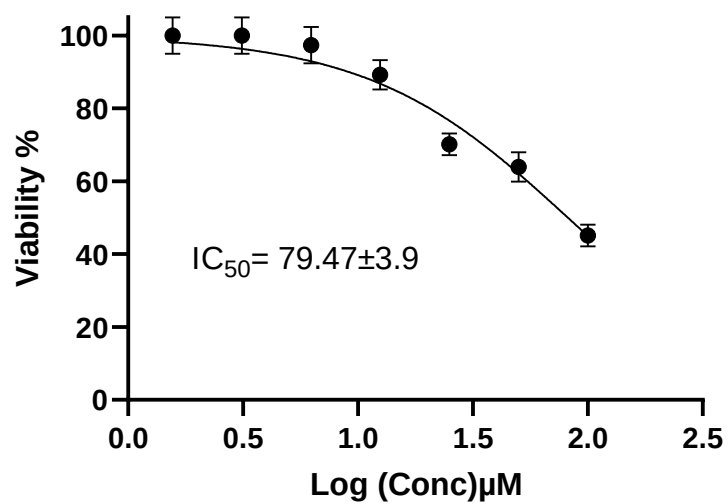


Figure S27. ¹³CNMR chart of compound 5m.

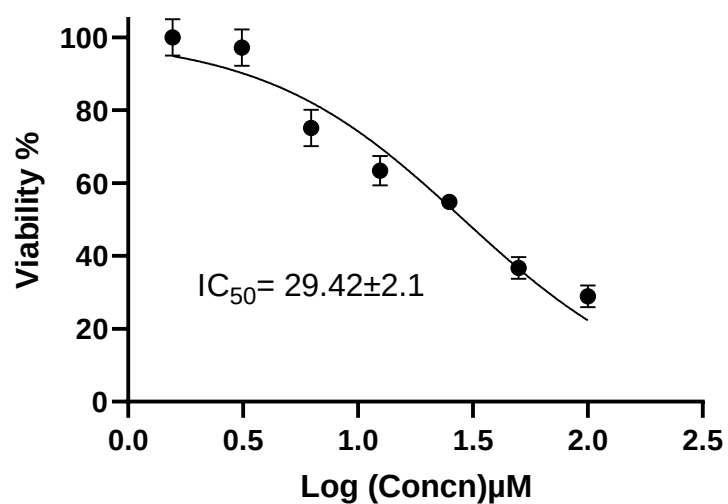
Table S1. Dose-response curves and IC₅₀ values of Final compounds **5a-r** and **SOR** against different cell lines.

<u>Cell line</u>	<u>Compound/Curves</u>																
	5a																
HCT-116	 IC₅₀ = 62.70 ± 3.6 <table border="1"> <caption>Approximate data points for HCT-116</caption> <thead> <tr> <th>Log (Conc) μM</th> <th>Viability %</th> </tr> </thead> <tbody> <tr><td>0.2</td><td>100</td></tr> <tr><td>0.5</td><td>100</td></tr> <tr><td>0.8</td><td>98</td></tr> <tr><td>1.1</td><td>80</td></tr> <tr><td>1.4</td><td>65</td></tr> <tr><td>1.7</td><td>60</td></tr> <tr><td>2.0</td><td>40</td></tr> </tbody> </table>	Log (Conc) μM	Viability %	0.2	100	0.5	100	0.8	98	1.1	80	1.4	65	1.7	60	2.0	40
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0.5	100																
0.8	98																
1.1	80																
1.4	65																
1.7	60																
2.0	40																
Hela	 IC₅₀ = 83.41 ± 4.4 <table border="1"> <caption>Approximate data points for Hela</caption> <thead> <tr> <th>Log (Conc) μM</th> <th>Viability %</th> </tr> </thead> <tbody> <tr><td>0.2</td><td>100</td></tr> <tr><td>0.5</td><td>100</td></tr> <tr><td>0.8</td><td>100</td></tr> <tr><td>1.1</td><td>88</td></tr> <tr><td>1.4</td><td>78</td></tr> <tr><td>1.7</td><td>58</td></tr> <tr><td>2.0</td><td>50</td></tr> </tbody> </table>	Log (Conc) μM	Viability %	0.2	100	0.5	100	0.8	100	1.1	88	1.4	78	1.7	58	2.0	50
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HePG-2	 IC₅₀ = 81.29 ± 4.3 <table border="1"> <caption>Approximate data points for HePG-2</caption> <thead> <tr> <th>Log (Conc) μM</th> <th>Viability %</th> </tr> </thead> <tbody> <tr><td>0.2</td><td>100</td></tr> <tr><td>0.5</td><td>100</td></tr> <tr><td>0.8</td><td>98</td></tr> <tr><td>1.1</td><td>82</td></tr> <tr><td>1.4</td><td>72</td></tr> <tr><td>1.7</td><td>62</td></tr> <tr><td>2.0</td><td>48</td></tr> </tbody> </table>	Log (Conc) μM	Viability %	0.2	100	0.5	100	0.8	98	1.1	82	1.4	72	1.7	62	2.0	48
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MCF-7

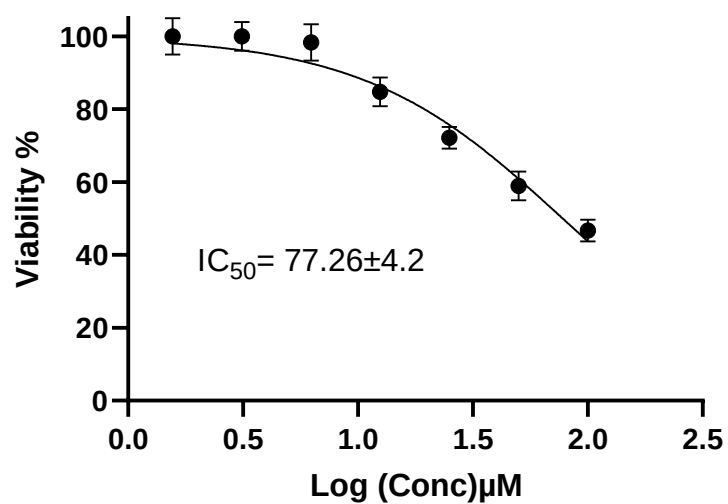


WI-38

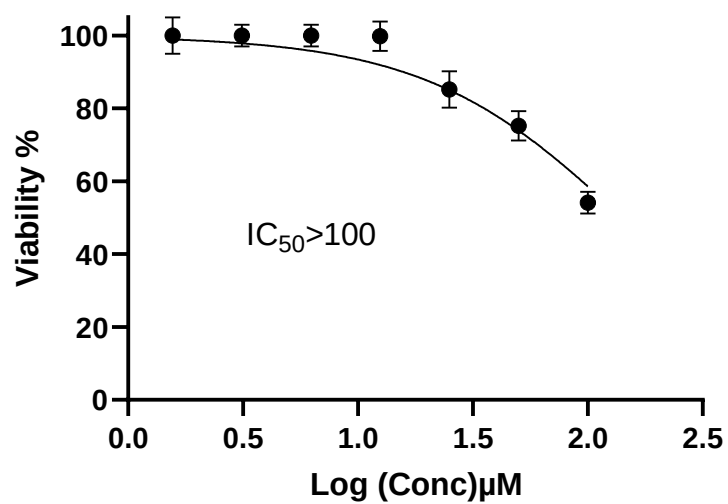


5b

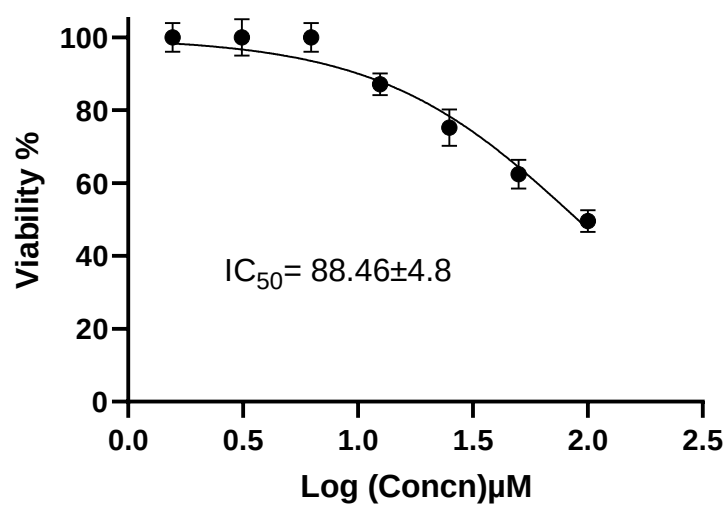
HCT-116



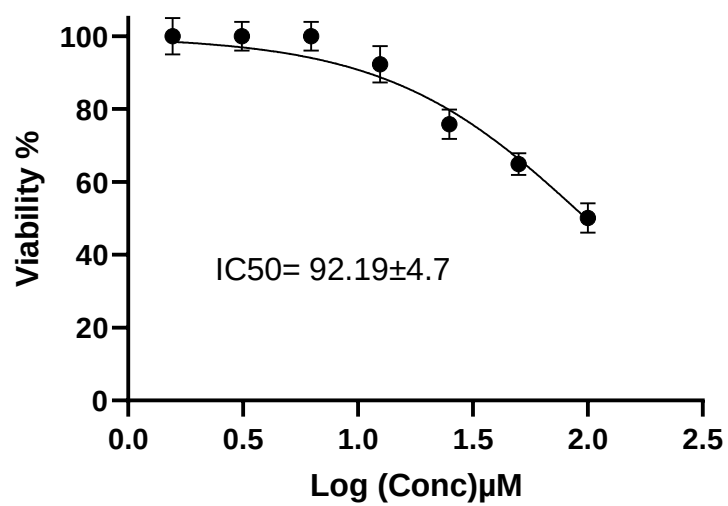
Hela



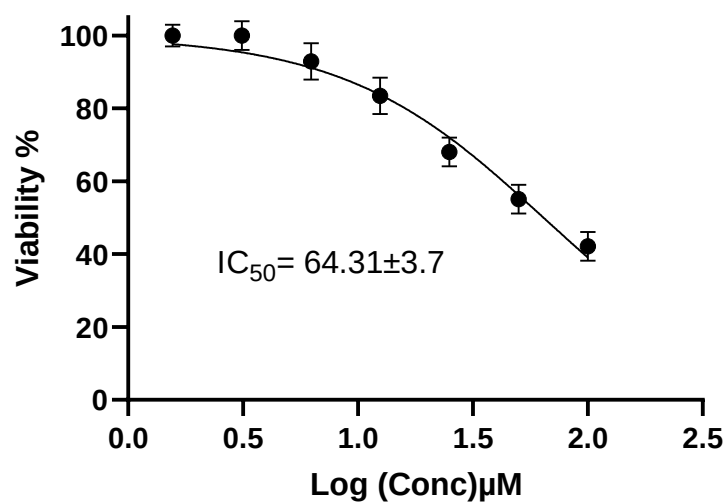
HePG-2



MCF-7

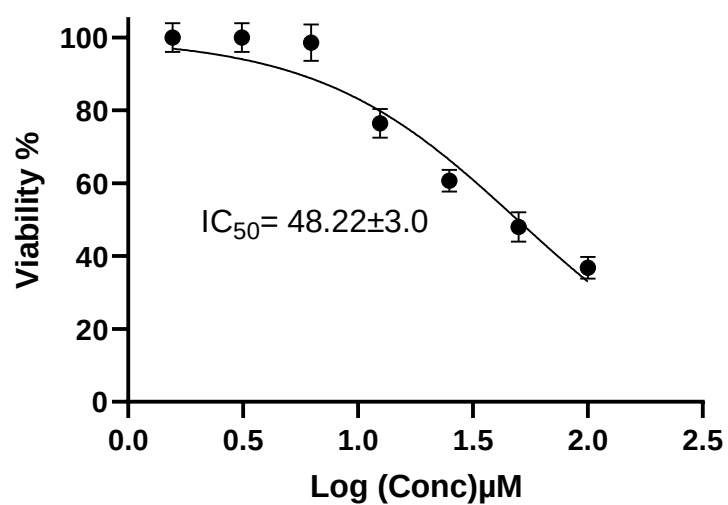


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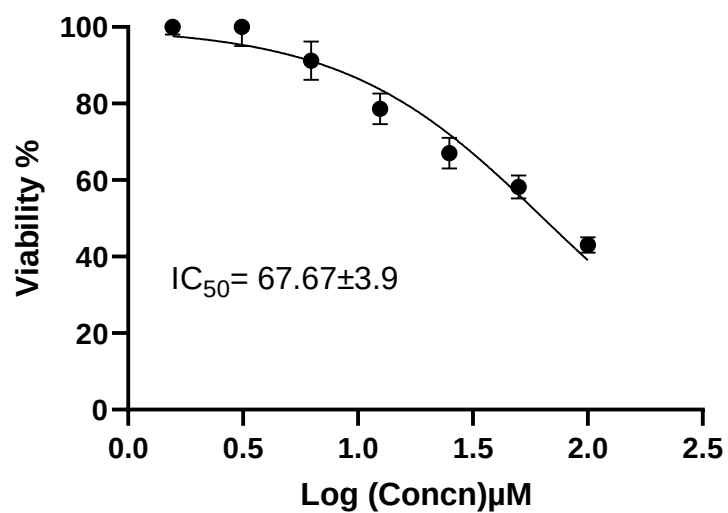


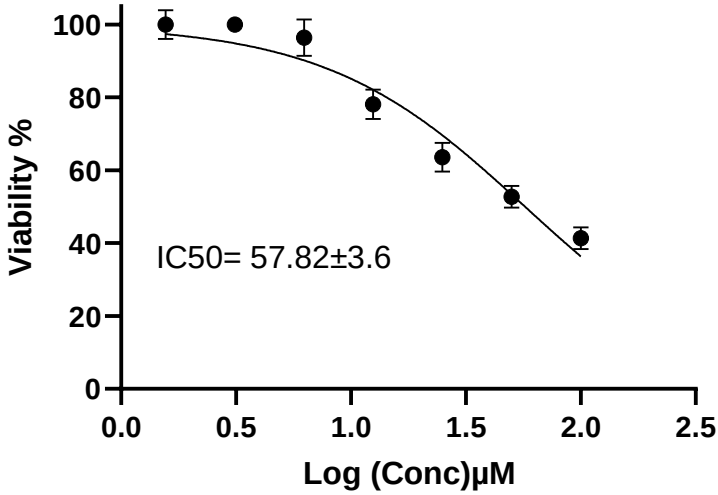
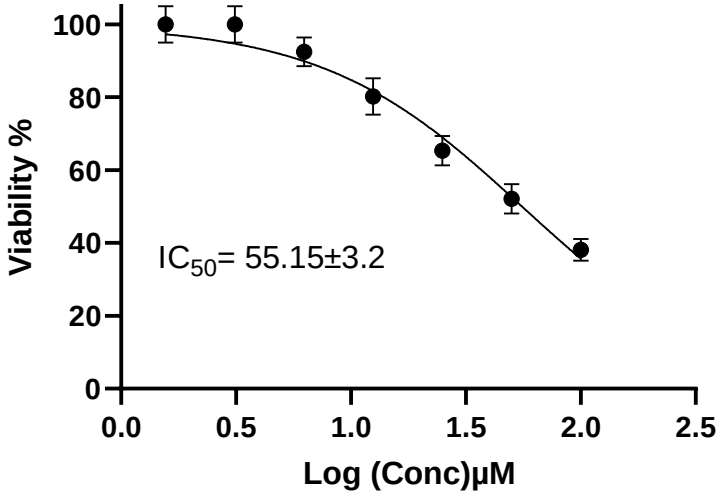
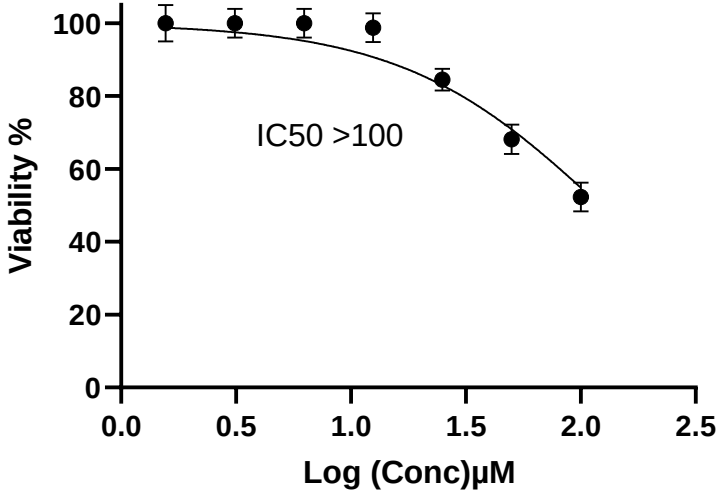
5c

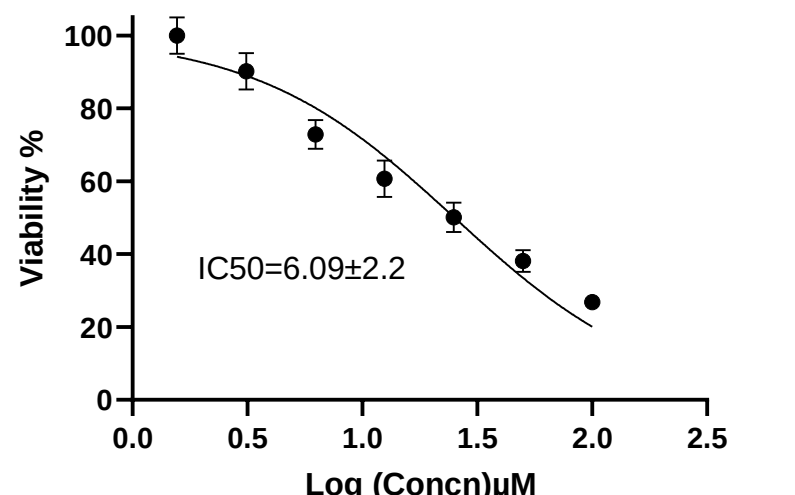
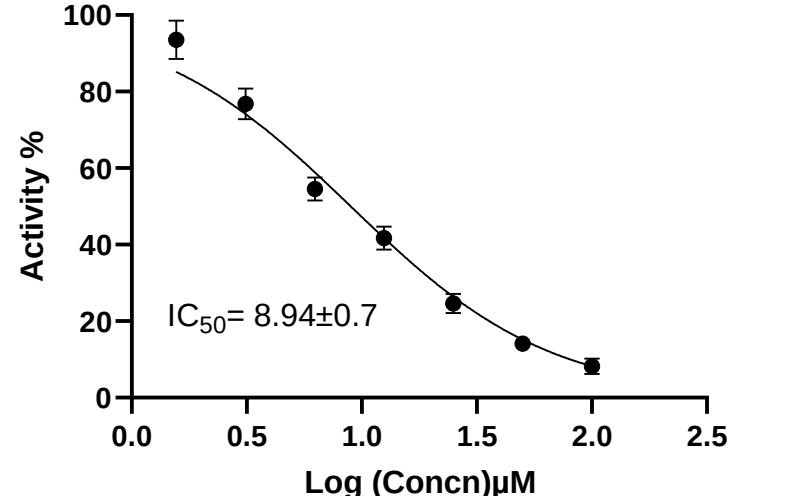
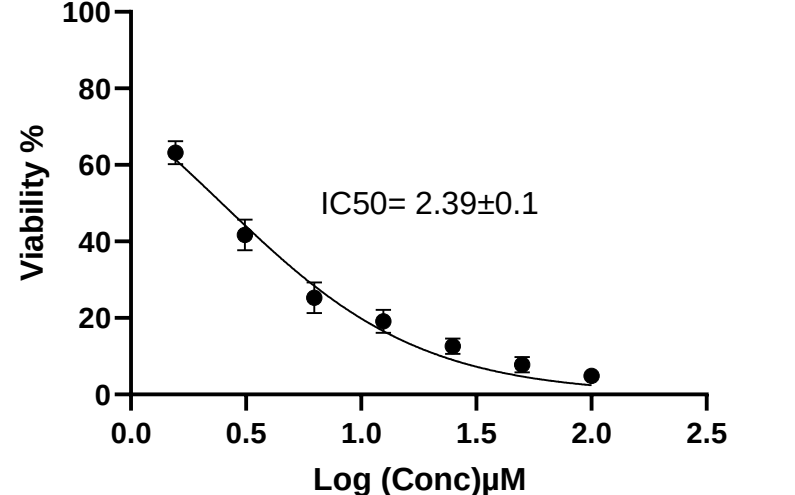
HCT-116



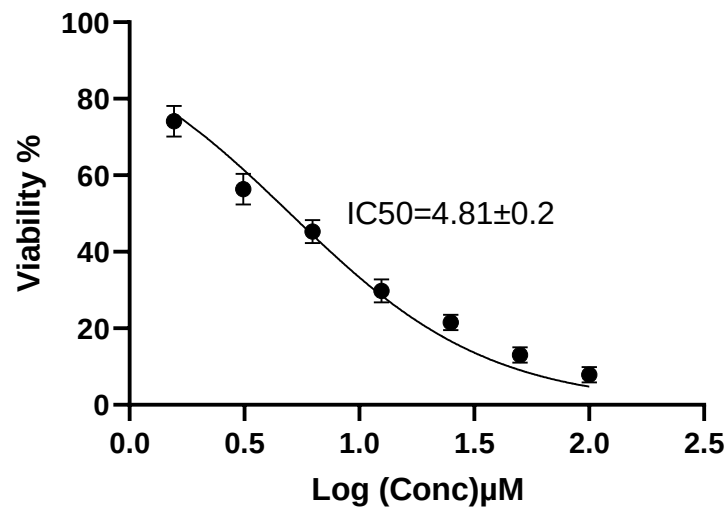
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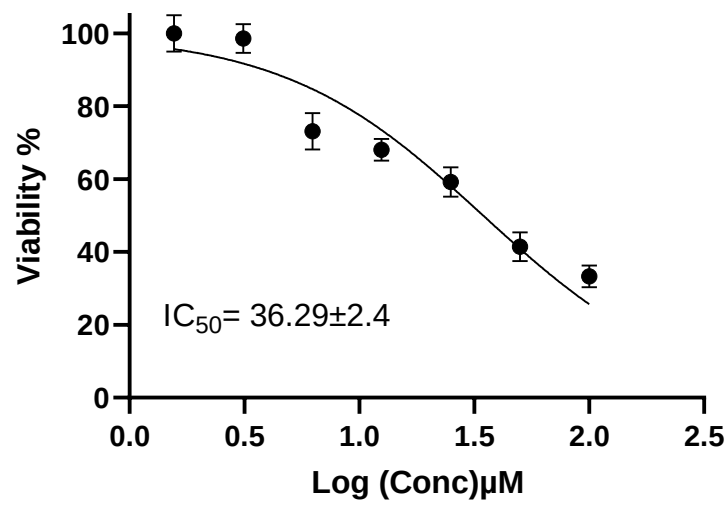
HePG-2	 Viability % Log (Conc) μM IC₅₀ = 57.82$\pm$3.6 <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>98</td></tr><tr><td>1.1</td><td>80</td></tr><tr><td>1.4</td><td>65</td></tr><tr><td>1.7</td><td>55</td></tr><tr><td>2.0</td><td>42</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	98	1.1	80	1.4	65	1.7	55	2.0	42
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1.1	80																
1.4	65																
1.7	55																
2.0	42																
MCF-7	 Viability % Log (Conc) μM IC₅₀ = 55.15$\pm$3.2 <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>95</td></tr><tr><td>1.1</td><td>82</td></tr><tr><td>1.4</td><td>68</td></tr><tr><td>1.7</td><td>55</td></tr><tr><td>2.0</td><td>40</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	95	1.1	82	1.4	68	1.7	55	2.0	40
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	95																
1.1	82																
1.4	68																
1.7	55																
2.0	40																
WI-38	 Viability % Log (Conc) μM IC₅₀ >100 <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>100</td></tr><tr><td>1.4</td><td>85</td></tr><tr><td>1.7</td><td>70</td></tr><tr><td>2.0</td><td>55</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	100	1.4	85	1.7	70	2.0	55
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	100																
1.1	100																
1.4	85																
1.7	70																
2.0	55																
5d																	

HCT-116	 Viability % Log (Concn)μM $IC_{50}=6.09\pm2.2$ <table border="1"><thead><tr><th>Log (Concn) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>90</td></tr><tr><td>0.8</td><td>75</td></tr><tr><td>1.1</td><td>60</td></tr><tr><td>1.4</td><td>50</td></tr><tr><td>1.7</td><td>40</td></tr><tr><td>2.0</td><td>25</td></tr></tbody></table>	Log (Concn) μ M	Viability %	0.2	100	0.5	90	0.8	75	1.1	60	1.4	50	1.7	40	2.0	25
Log (Concn) μ M	Viability %																
0.2	100																
0.5	90																
0.8	75																
1.1	60																
1.4	50																
1.7	40																
2.0	25																
Hela	 Activity % Log (Concn)μM $IC_{50}=8.94\pm0.7$ <table border="1"><thead><tr><th>Log (Concn) μM</th><th>Activity %</th></tr></thead><tbody><tr><td>0.2</td><td>95</td></tr><tr><td>0.5</td><td>78</td></tr><tr><td>0.8</td><td>55</td></tr><tr><td>1.1</td><td>42</td></tr><tr><td>1.4</td><td>25</td></tr><tr><td>1.7</td><td>15</td></tr><tr><td>2.0</td><td>8</td></tr></tbody></table>	Log (Concn) μ M	Activity %	0.2	95	0.5	78	0.8	55	1.1	42	1.4	25	1.7	15	2.0	8
Log (Concn) μ M	Activity %																
0.2	95																
0.5	78																
0.8	55																
1.1	42																
1.4	25																
1.7	15																
2.0	8																
HePG-2	 Viability % Log (Conc)μM $IC_{50}=2.39\pm0.1$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>65</td></tr><tr><td>0.5</td><td>42</td></tr><tr><td>0.8</td><td>25</td></tr><tr><td>1.1</td><td>18</td></tr><tr><td>1.4</td><td>12</td></tr><tr><td>1.7</td><td>8</td></tr><tr><td>2.0</td><td>5</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	65	0.5	42	0.8	25	1.1	18	1.4	12	1.7	8	2.0	5
Log (Conc) μ M	Viability %																
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0.8	25																
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1.4	12																
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2.0	5																

MCF-7

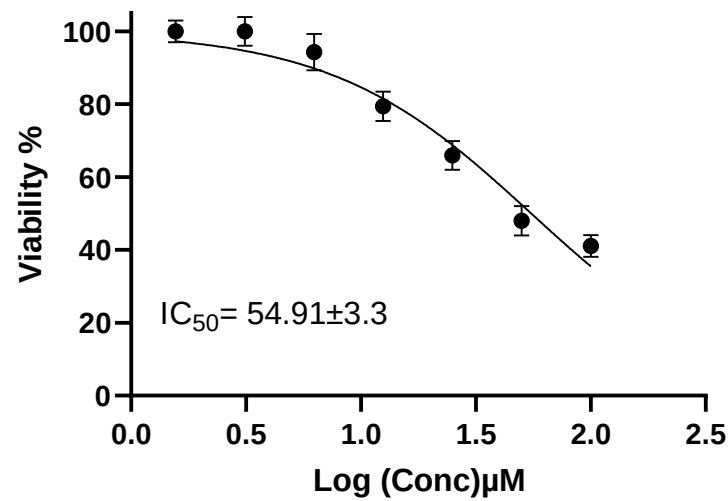


WI-38

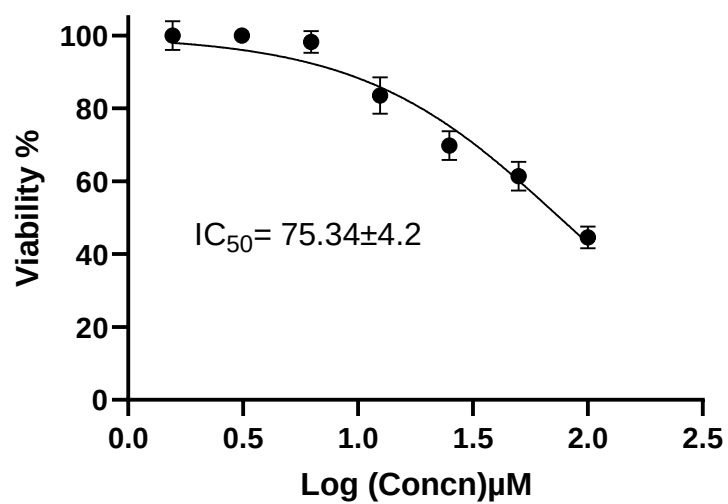


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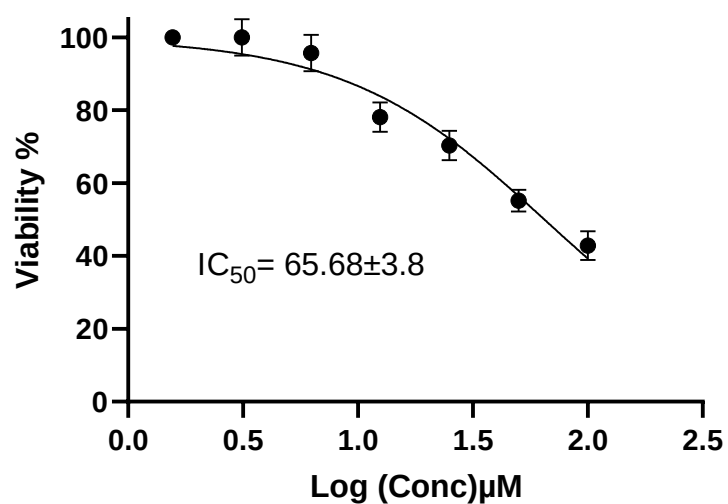
HCT-116



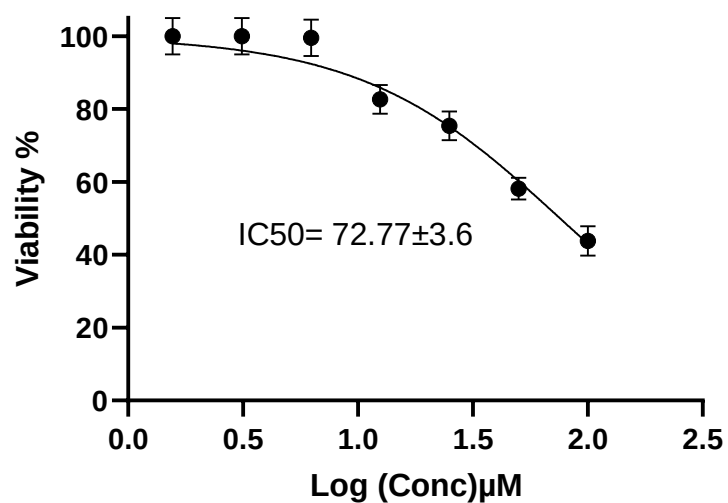
Hela



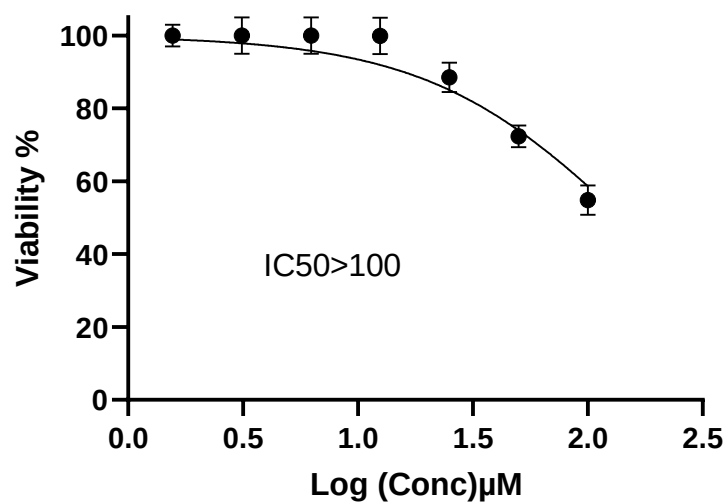
HePG-2



MCF-7

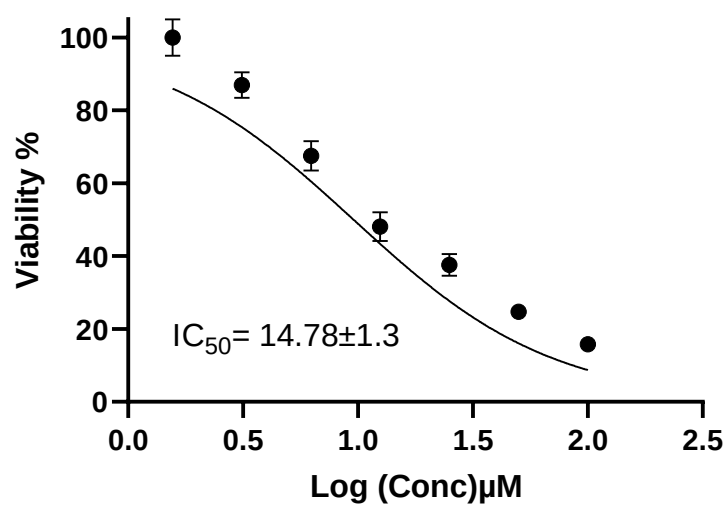


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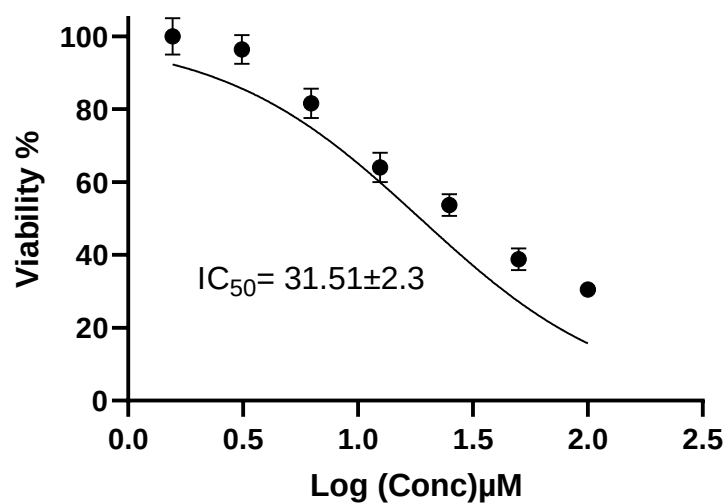


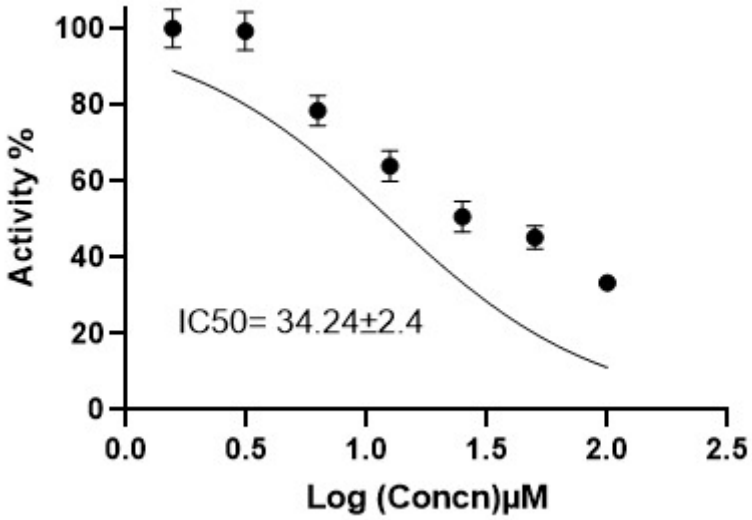
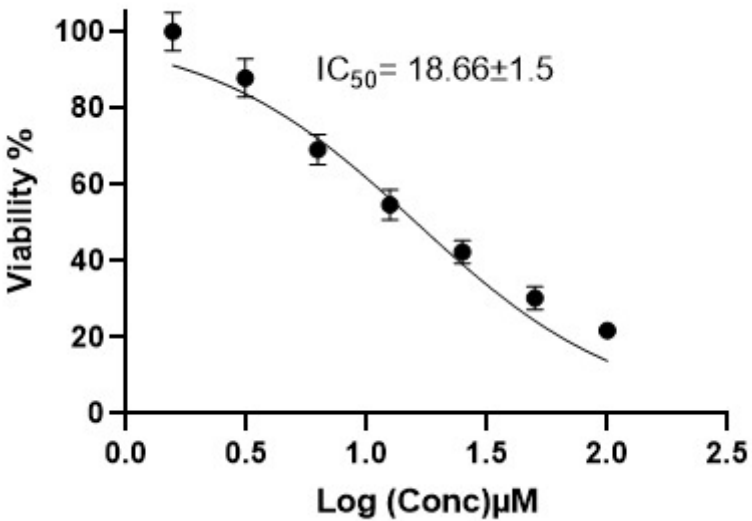
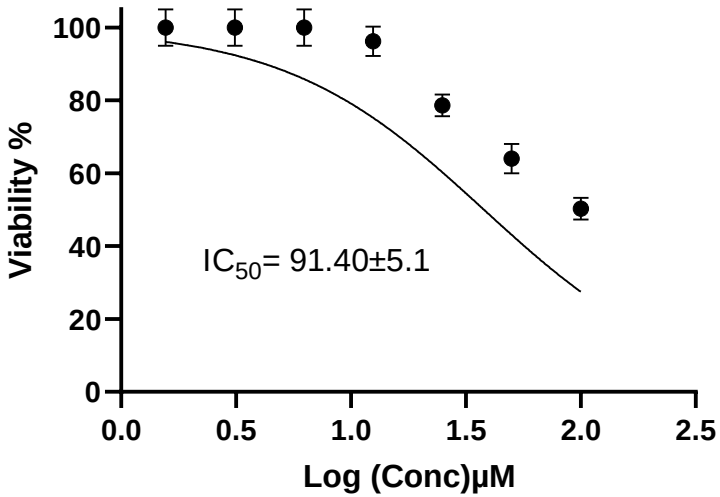
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HCT-116

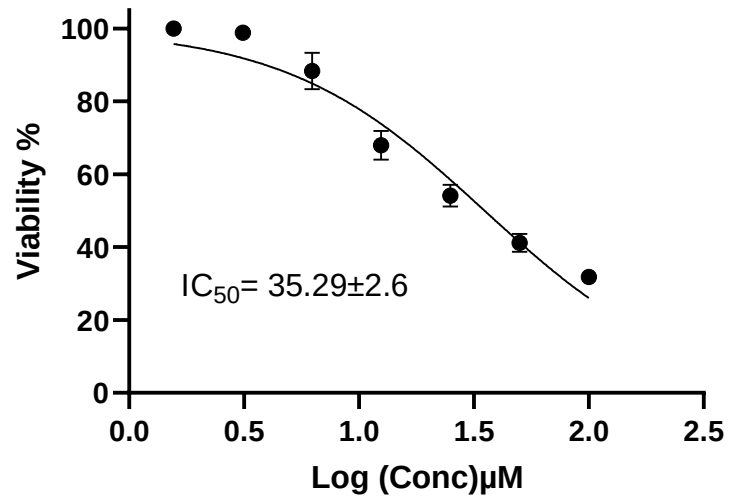


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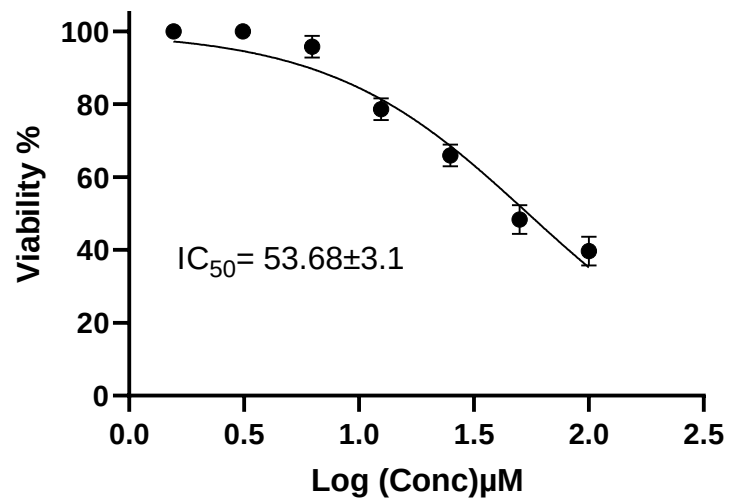


HePG-2	 Activity % Log (Concn) μM $IC_{50} = 34.24 \pm 2.4$ <table border="1"><thead><tr><th>Log (Concn) μM</th><th>Activity %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>78</td></tr><tr><td>1.1</td><td>65</td></tr><tr><td>1.4</td><td>50</td></tr><tr><td>1.7</td><td>45</td></tr><tr><td>2.0</td><td>35</td></tr></tbody></table>	Log (Concn) μ M	Activity %	0.2	100	0.5	100	0.8	78	1.1	65	1.4	50	1.7	45	2.0	35
Log (Concn) μ M	Activity %																
0.2	100																
0.5	100																
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1.1	65																
1.4	50																
1.7	45																
2.0	35																
MCF-7	 Viability % Log (Conc) μM $IC_{50} = 18.66 \pm 1.5$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>88</td></tr><tr><td>0.8</td><td>70</td></tr><tr><td>1.1</td><td>55</td></tr><tr><td>1.4</td><td>42</td></tr><tr><td>1.7</td><td>30</td></tr><tr><td>2.0</td><td>22</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	88	0.8	70	1.1	55	1.4	42	1.7	30	2.0	22
Log (Conc) μ M	Viability %																
0.2	100																
0.5	88																
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1.1	55																
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1.7	30																
2.0	22																
WI-38	 Viability % Log (Conc) μM $IC_{50} = 91.40 \pm 5.1$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>98</td></tr><tr><td>1.4</td><td>80</td></tr><tr><td>1.7</td><td>65</td></tr><tr><td>2.0</td><td>52</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	98	1.4	80	1.7	65	2.0	52
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	100																
1.1	98																
1.4	80																
1.7	65																
2.0	52																
5g																	

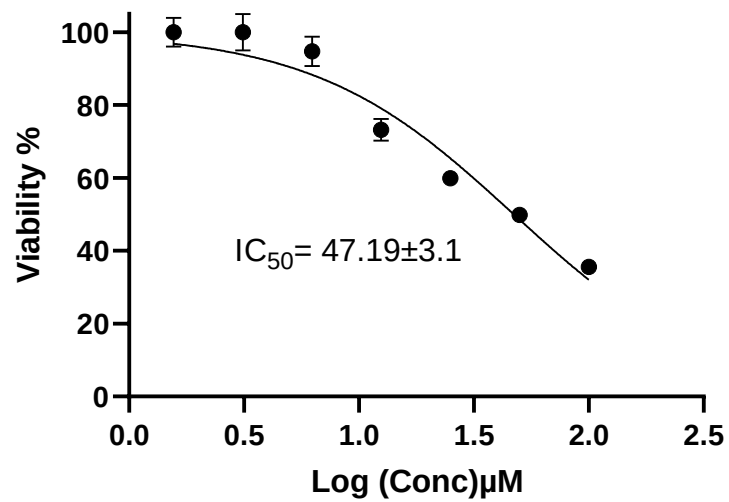
HCT-116



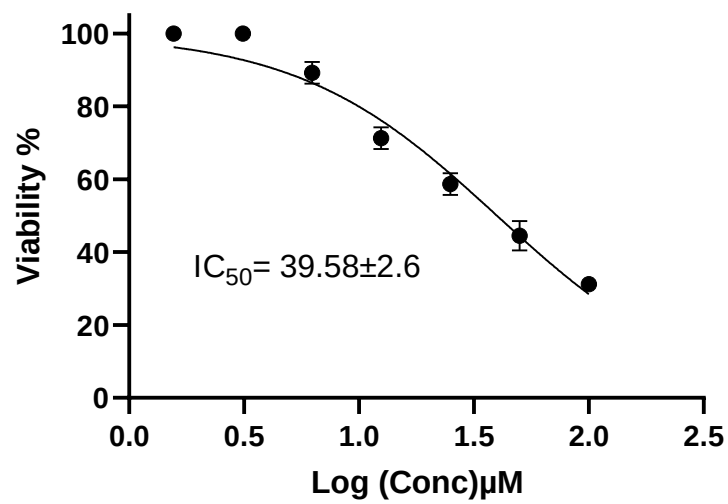
Hela



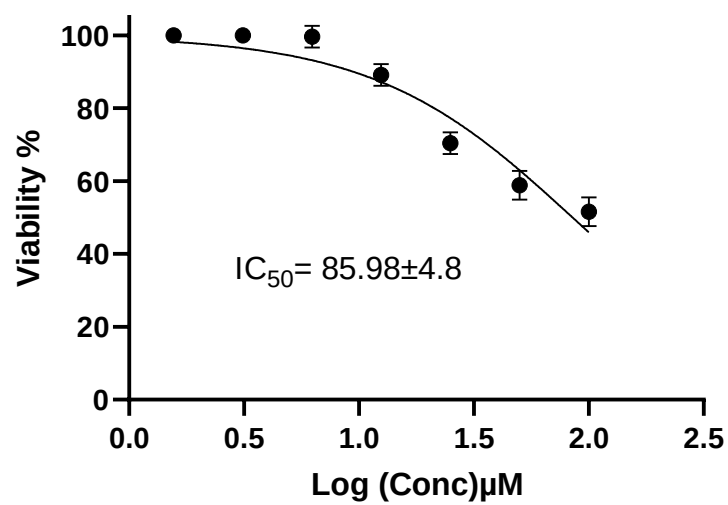
HePG-2



MCF-7

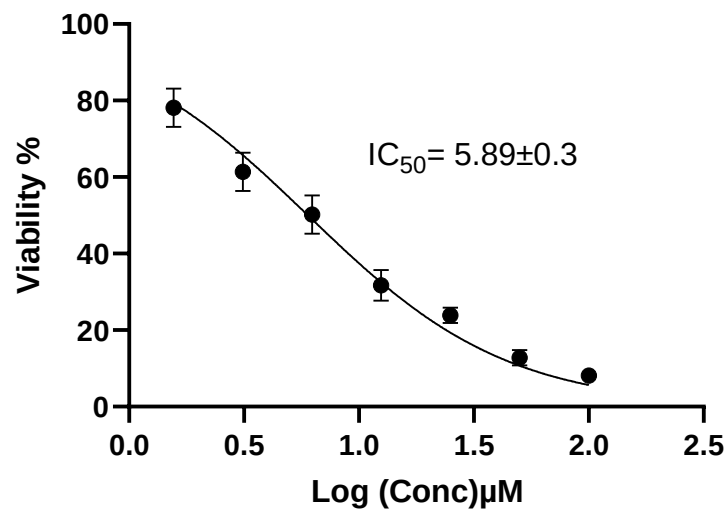


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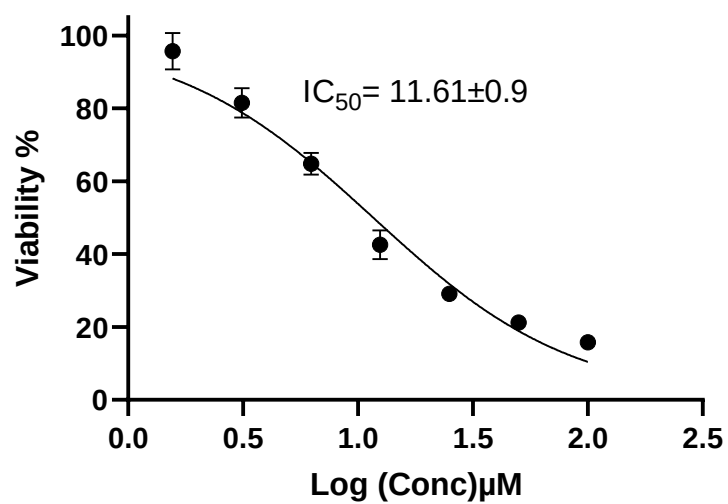


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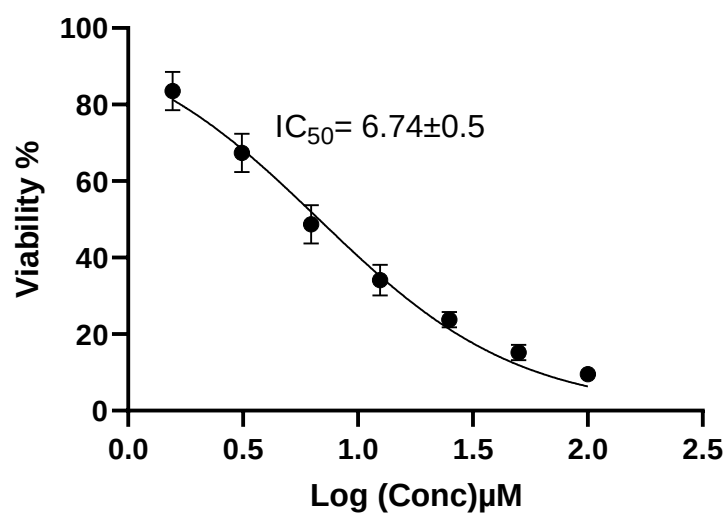
HCT-116



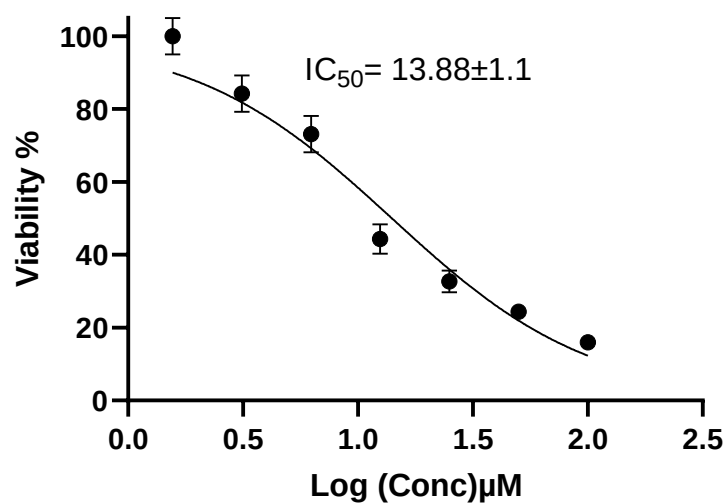
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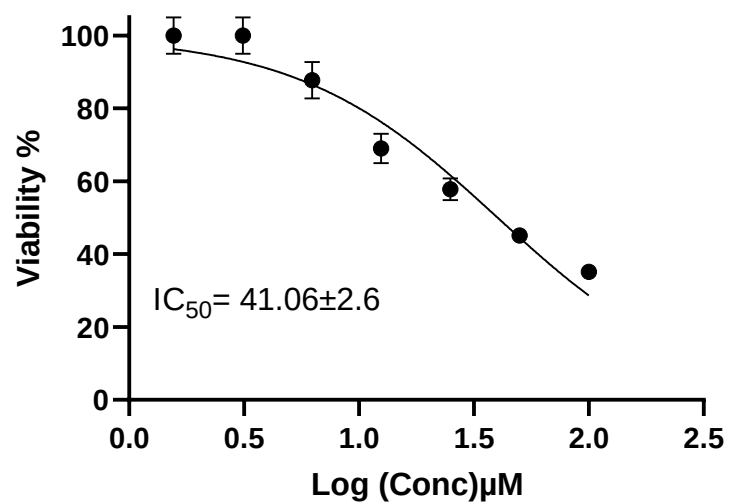
HePG-2



MCF-7

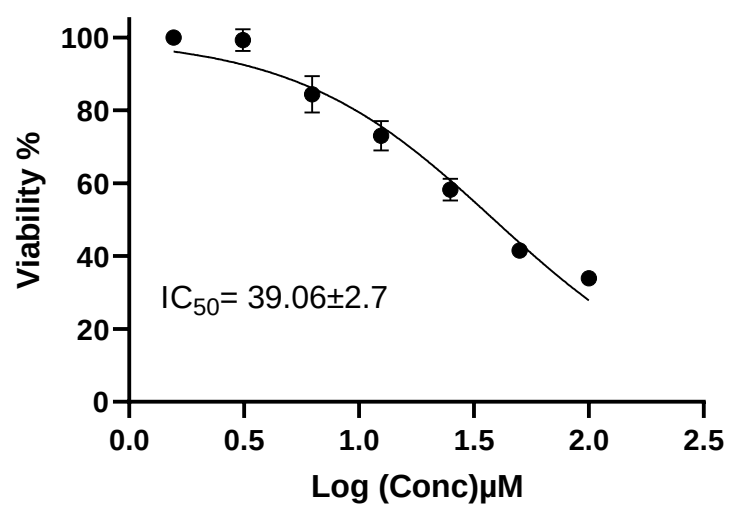


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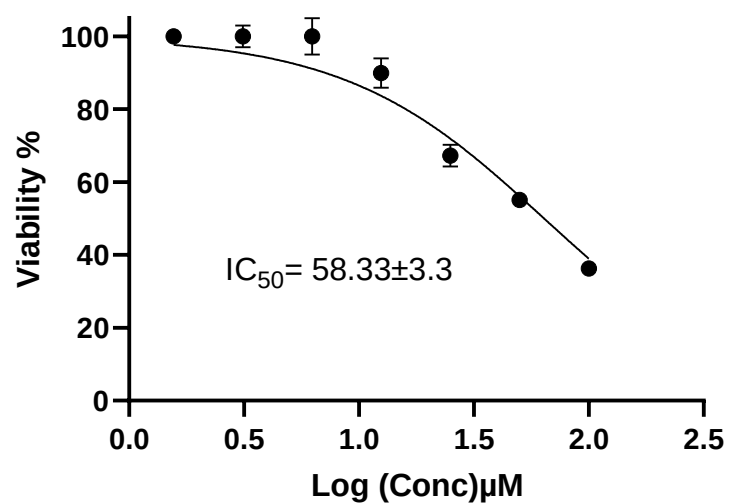


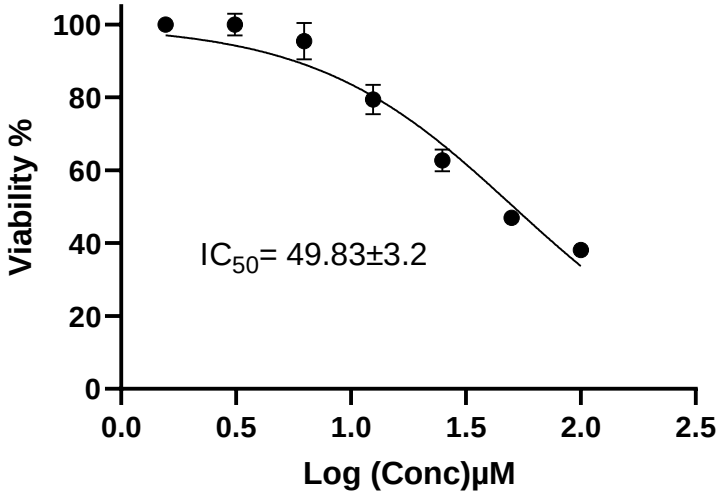
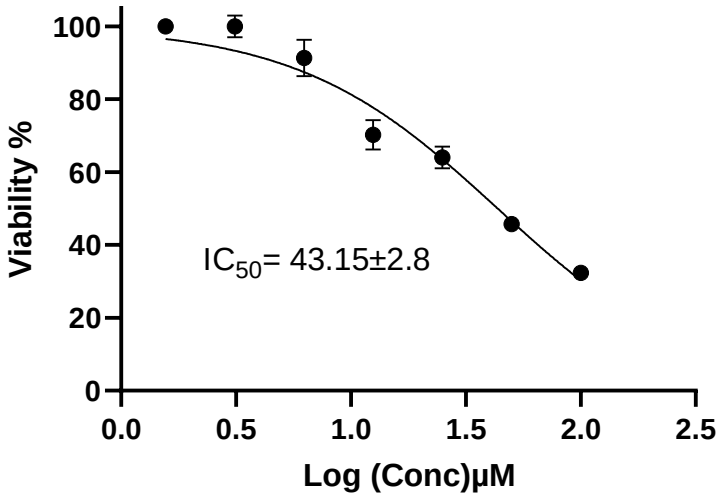
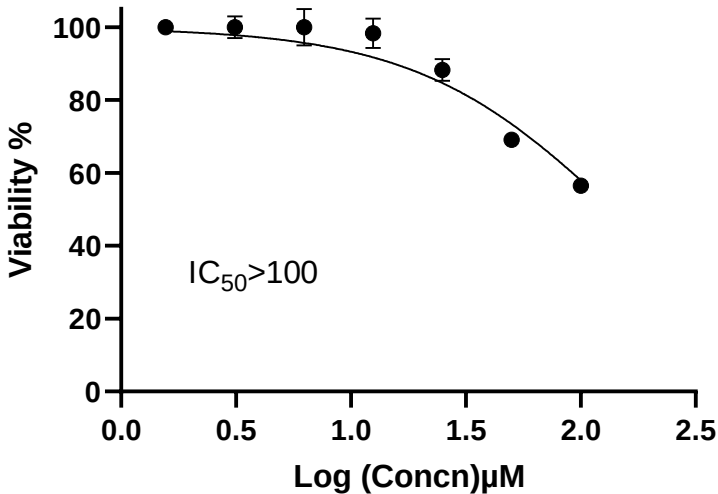
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HCT-116

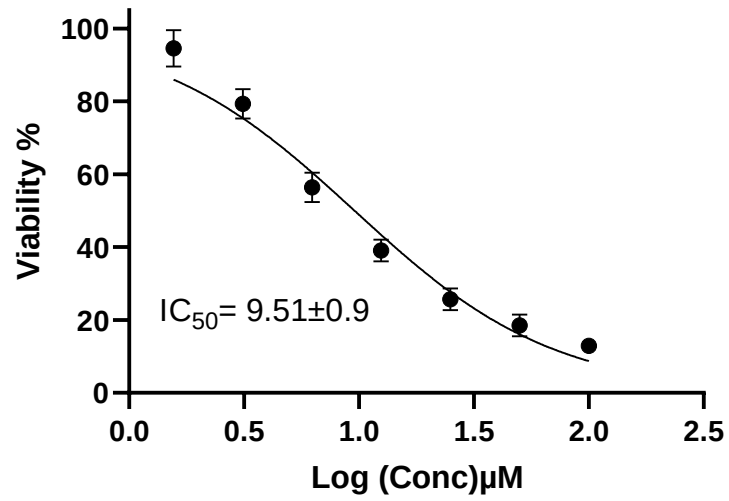


Hela

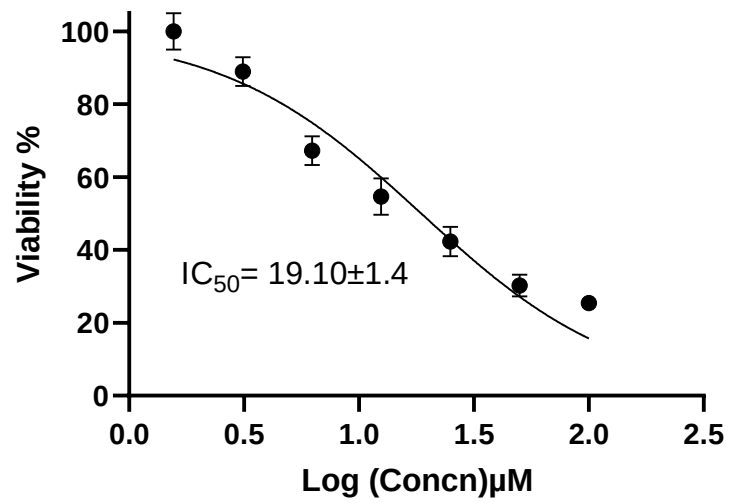


HePG-2	 Viability % Log (Conc) μM $IC_{50} = 49.83 \pm 3.2$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>95</td></tr><tr><td>1.1</td><td>80</td></tr><tr><td>1.4</td><td>63</td></tr><tr><td>1.7</td><td>48</td></tr><tr><td>2.0</td><td>38</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	95	1.1	80	1.4	63	1.7	48	2.0	38
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	95																
1.1	80																
1.4	63																
1.7	48																
2.0	38																
MCF-7	 Viability % Log (Conc) μM $IC_{50} = 43.15 \pm 2.8$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>92</td></tr><tr><td>1.1</td><td>70</td></tr><tr><td>1.4</td><td>64</td></tr><tr><td>1.7</td><td>46</td></tr><tr><td>2.0</td><td>32</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	92	1.1	70	1.4	64	1.7	46	2.0	32
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	92																
1.1	70																
1.4	64																
1.7	46																
2.0	32																
WI-38	 Viability % Log (Concn) μM $IC_{50} > 100$ <table border="1"><thead><tr><th>Log (Concn) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>98</td></tr><tr><td>1.4</td><td>88</td></tr><tr><td>1.7</td><td>70</td></tr><tr><td>2.0</td><td>58</td></tr></tbody></table>	Log (Concn) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	98	1.4	88	1.7	70	2.0	58
Log (Concn) μ M	Viability %																
0.2	100																
0.5	100																
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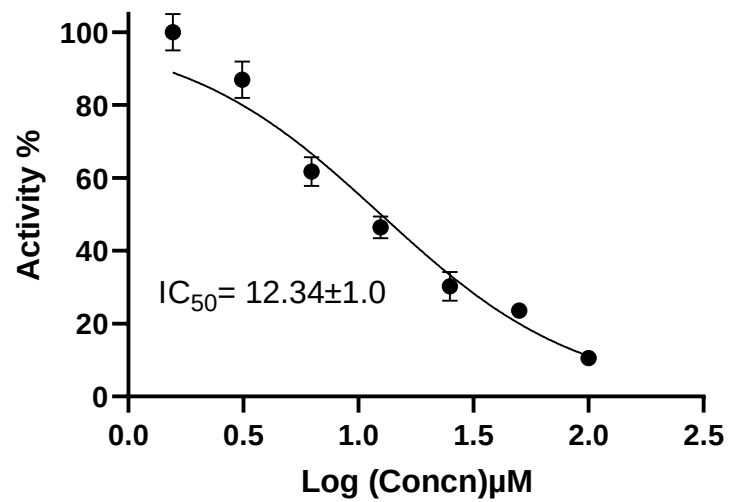
HCT-116



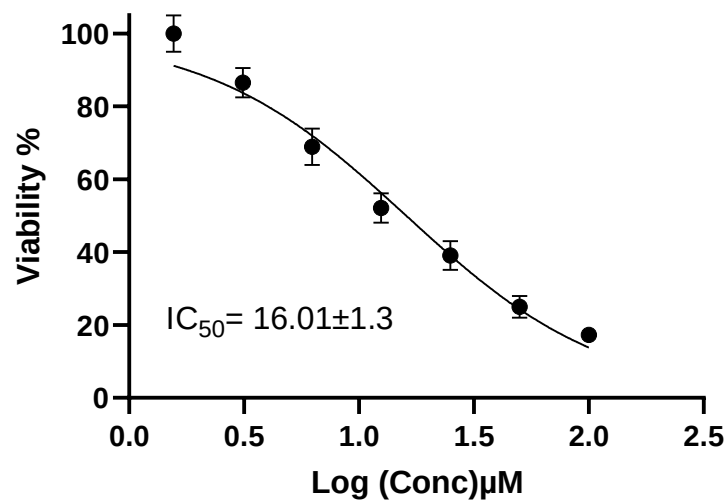
Hela



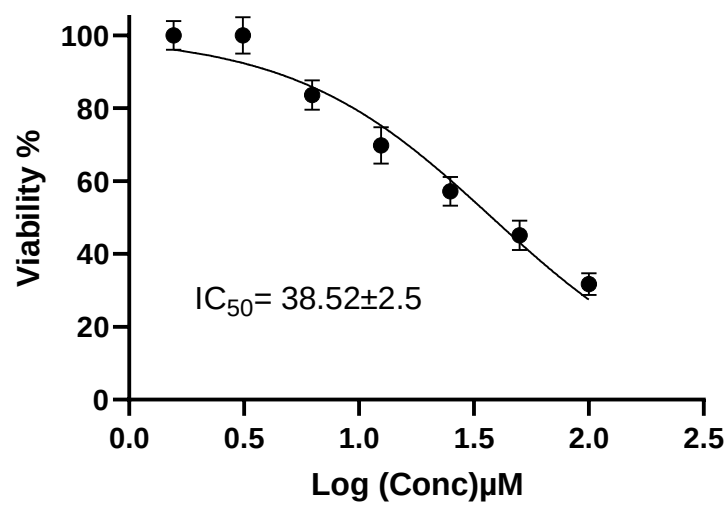
HePG-2



MCF-7

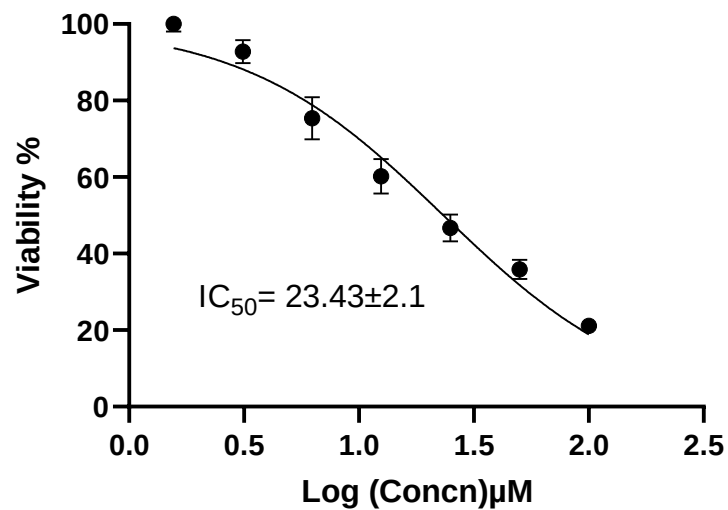


WI-38

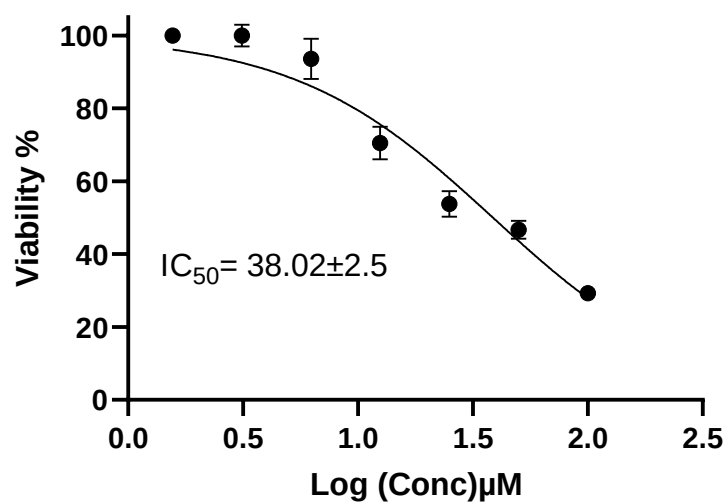


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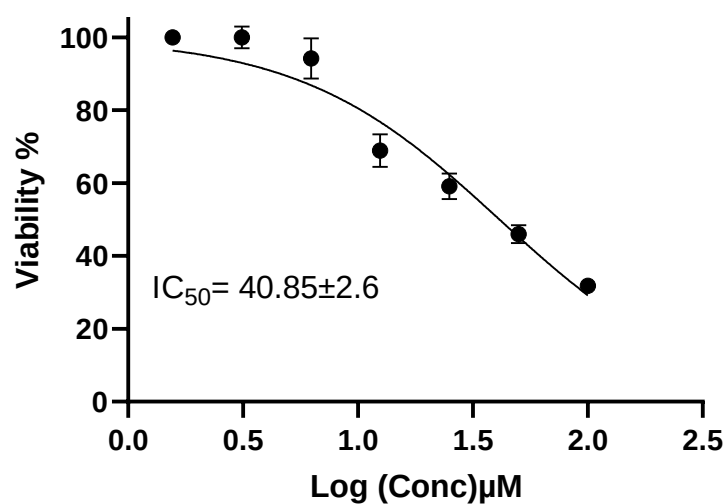
HCT-116



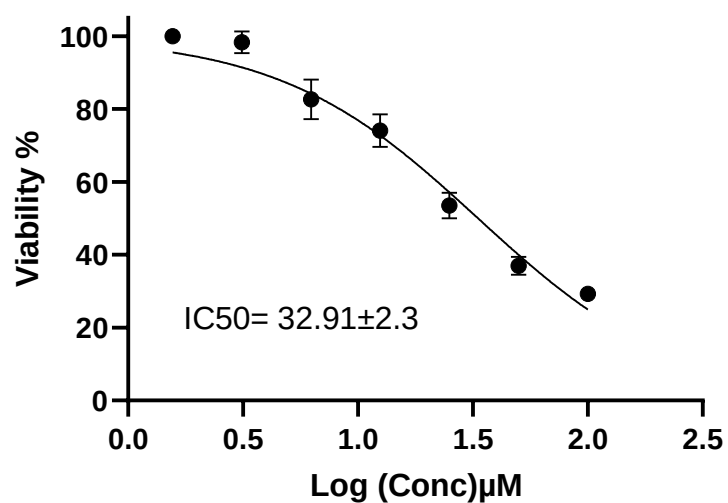
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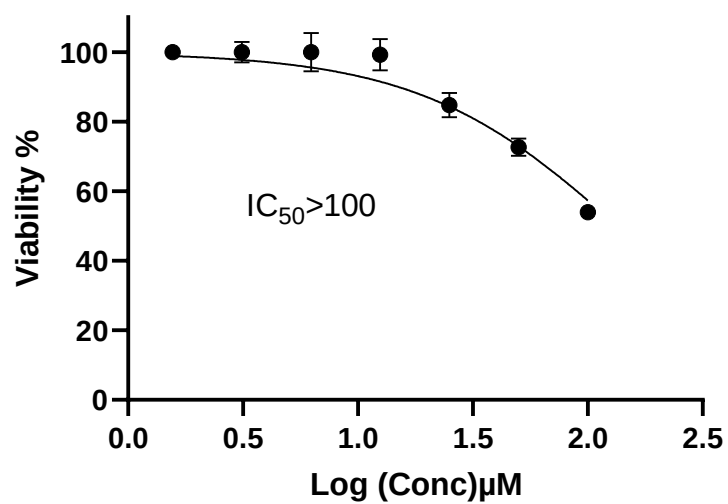
HePG-2



MCF-7

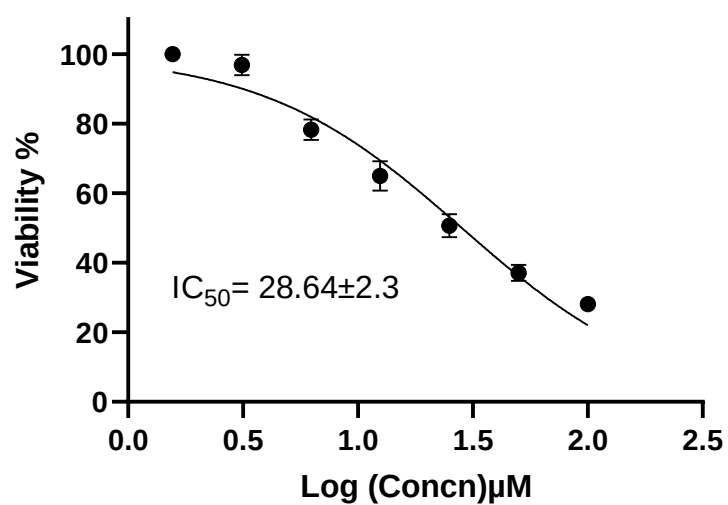


WI-38

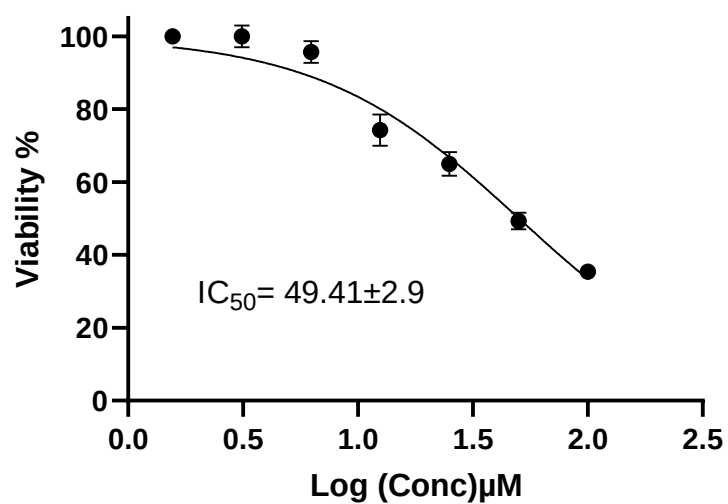


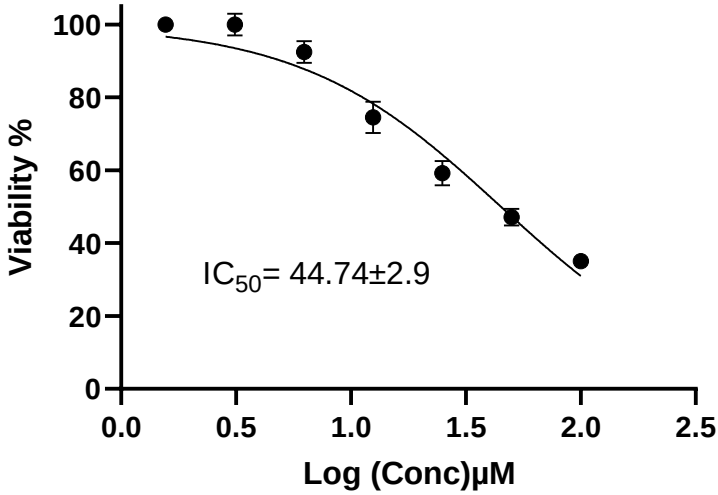
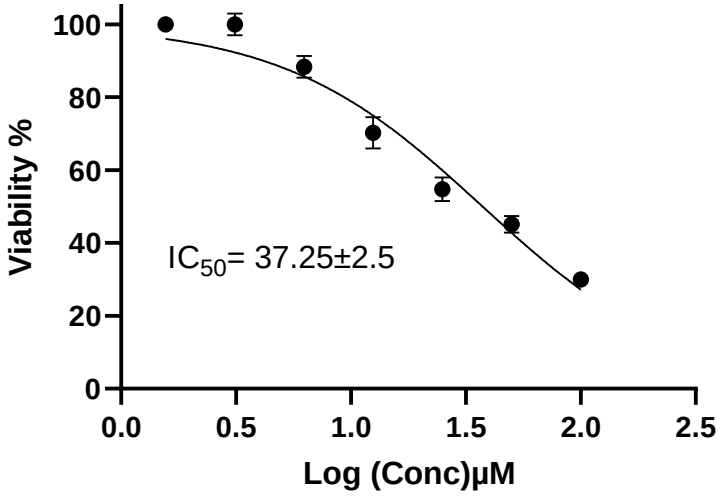
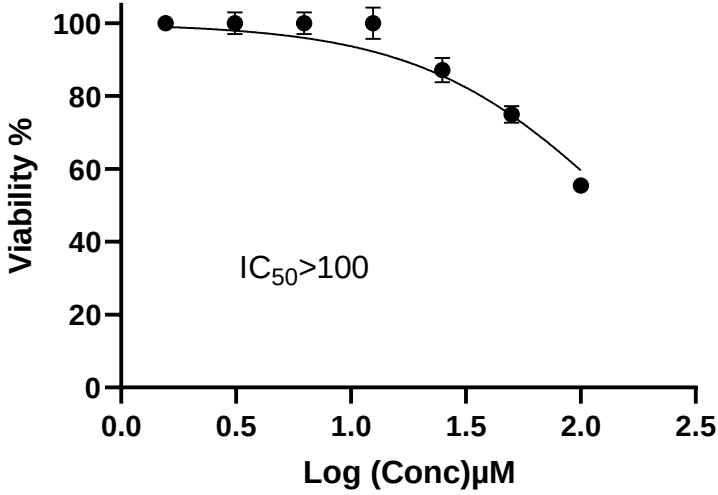
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HCT-116

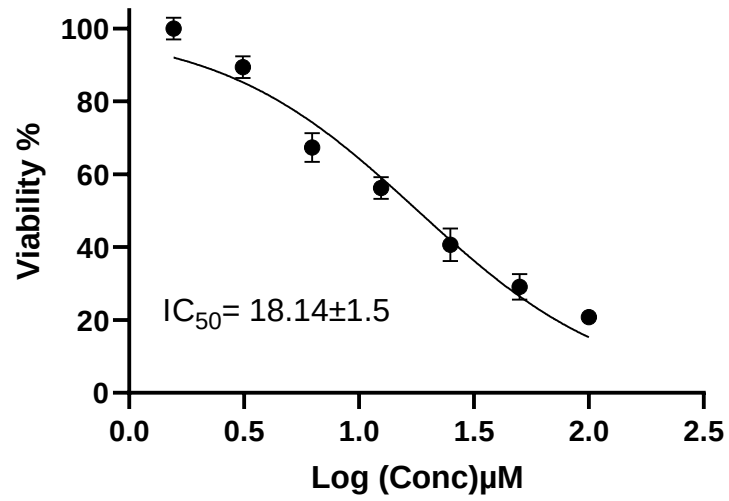


Hela

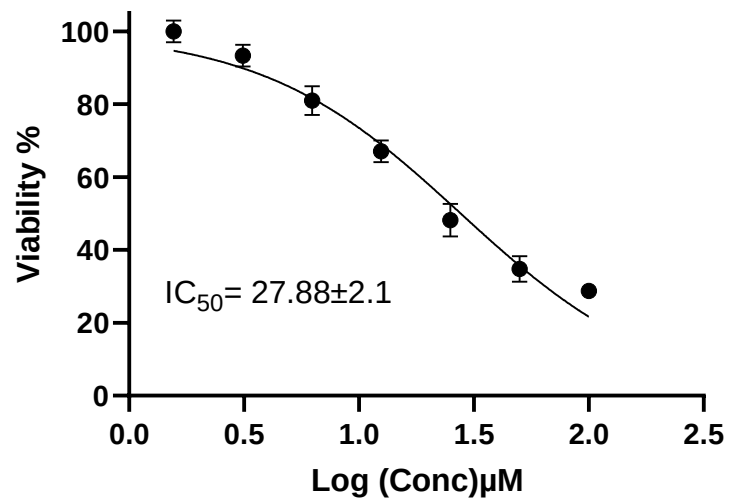


HePG-2	 Viability % Log (Conc) μM $IC_{50} = 44.74 \pm 2.9$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>92</td></tr><tr><td>1.1</td><td>75</td></tr><tr><td>1.4</td><td>60</td></tr><tr><td>1.7</td><td>48</td></tr><tr><td>2.0</td><td>35</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	92	1.1	75	1.4	60	1.7	48	2.0	35
Log (Conc) μ M	Viability %																
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1.7	48																
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MCF-7	 Viability % Log (Conc) μM $IC_{50} = 37.25 \pm 2.5$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>88</td></tr><tr><td>1.1</td><td>70</td></tr><tr><td>1.4</td><td>55</td></tr><tr><td>1.7</td><td>45</td></tr><tr><td>2.0</td><td>30</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	88	1.1	70	1.4	55	1.7	45	2.0	30
Log (Conc) μ M	Viability %																
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WI-38	 Viability % Log (Conc) μM $IC_{50} > 100$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>100</td></tr><tr><td>1.4</td><td>88</td></tr><tr><td>1.7</td><td>75</td></tr><tr><td>2.0</td><td>55</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	100	1.4	88	1.7	75	2.0	55
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	100																
1.1	100																
1.4	88																
1.7	75																
2.0	55																
5m																	

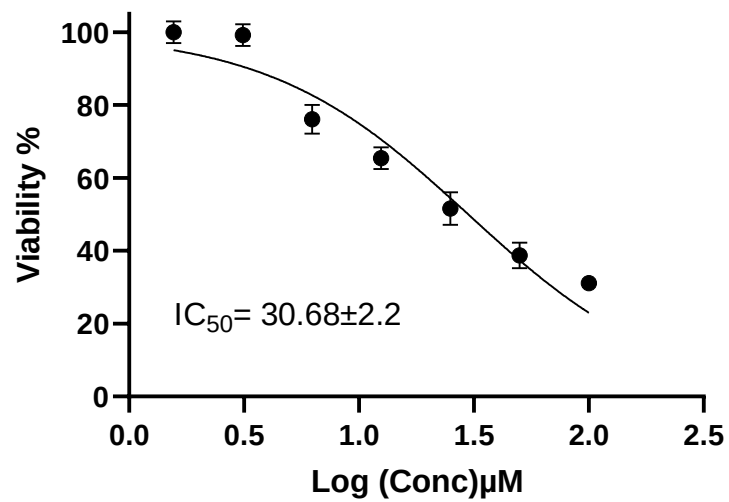
HCT-116



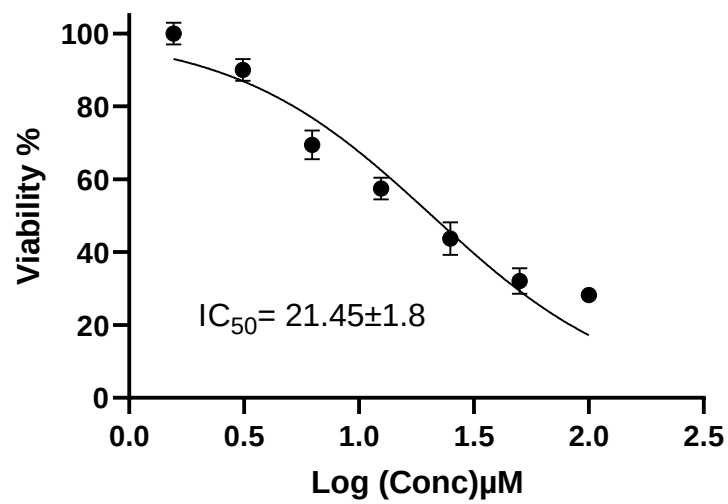
Hela



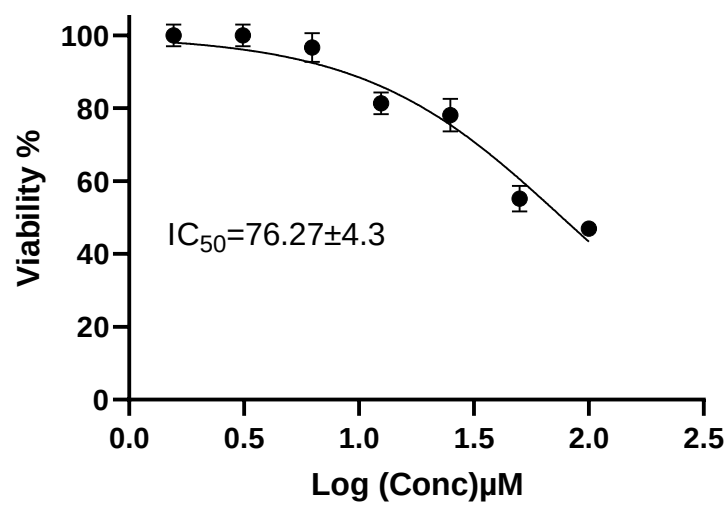
HePG-2



MCF-7

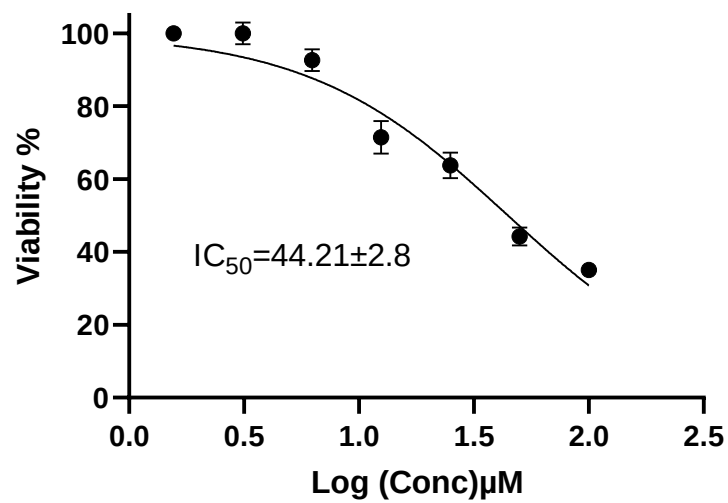


WI-38

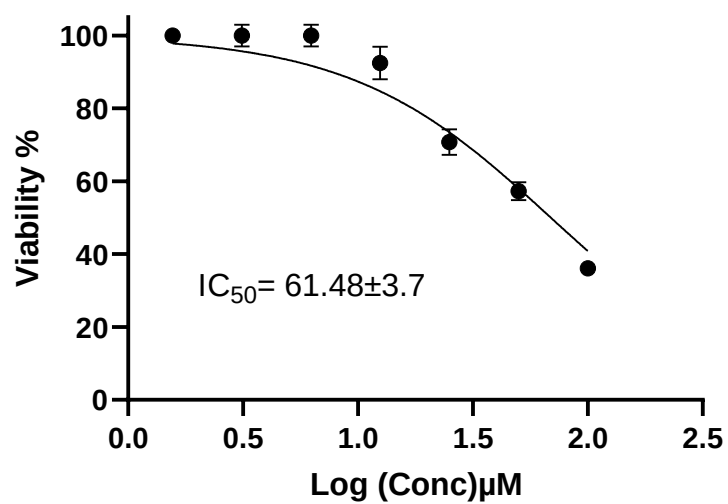


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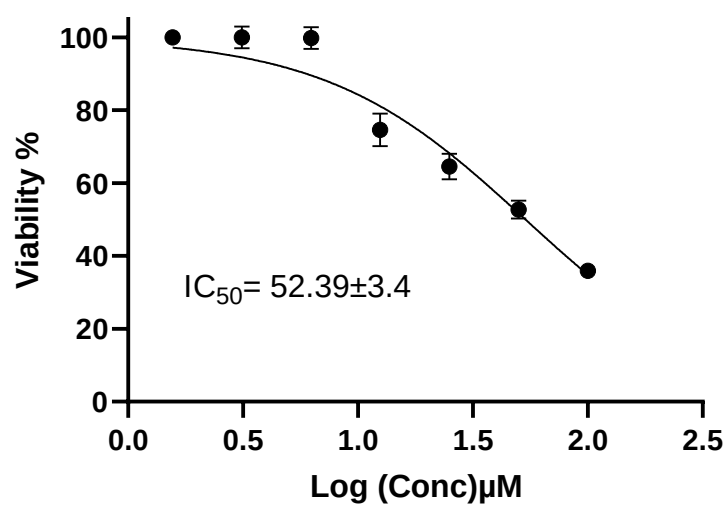
HCT-116



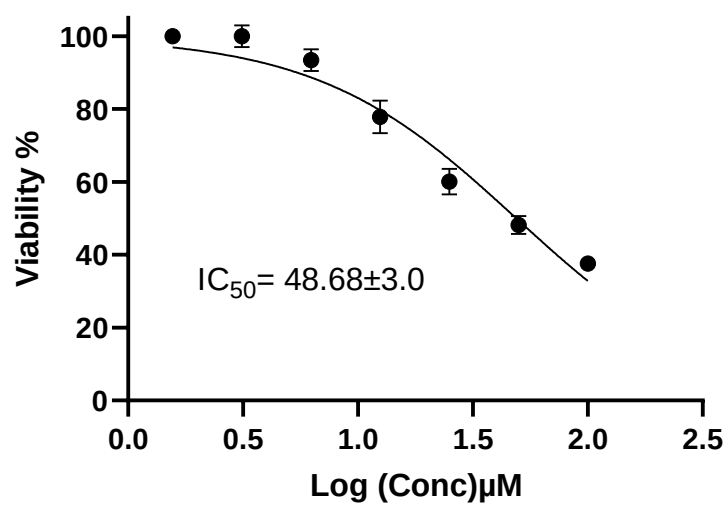
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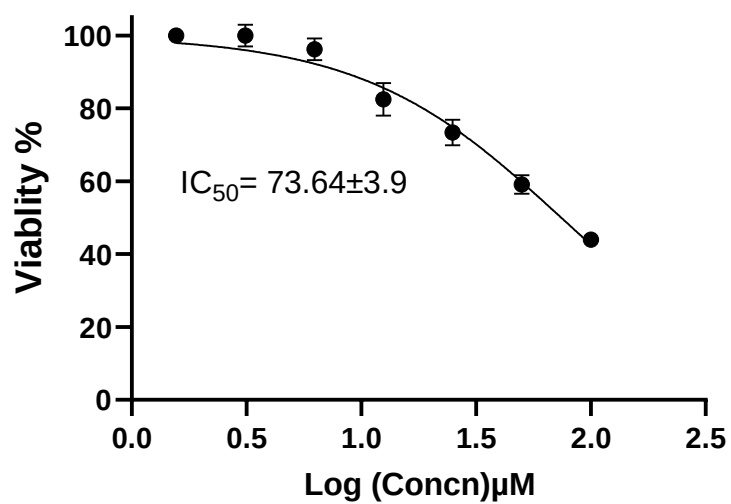
HePG-2



MCF-7

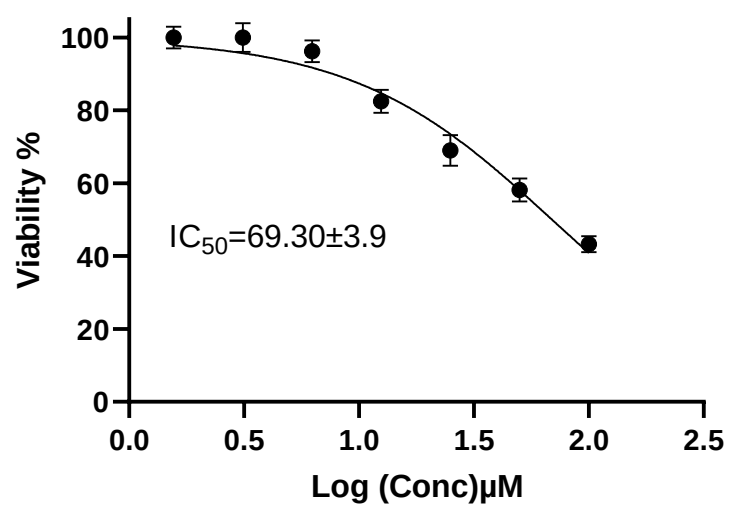


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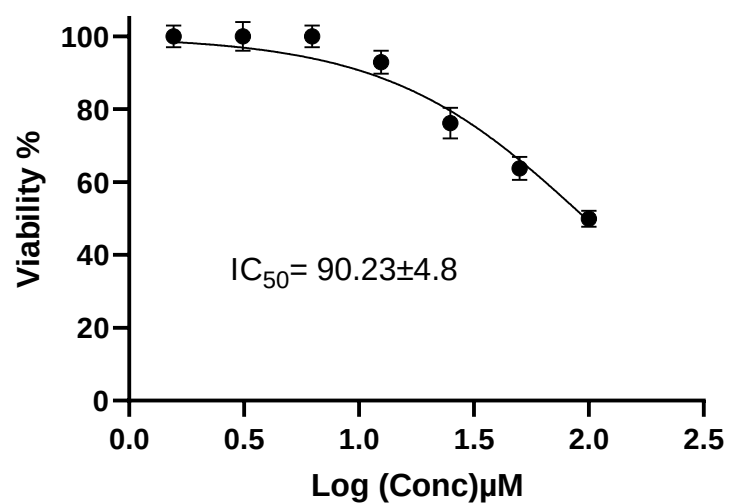


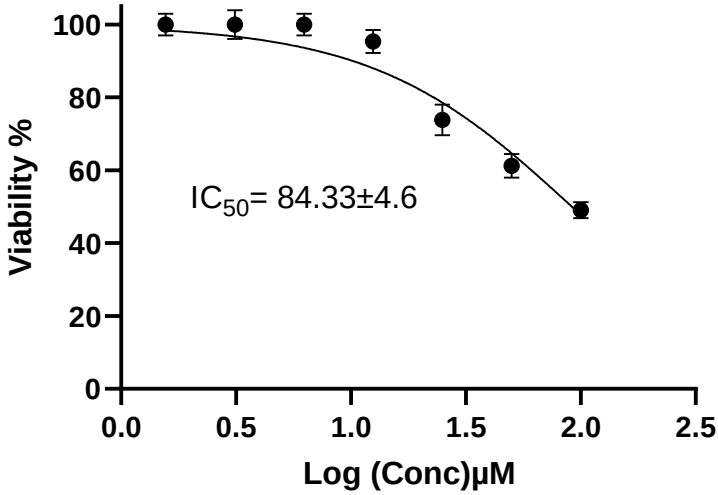
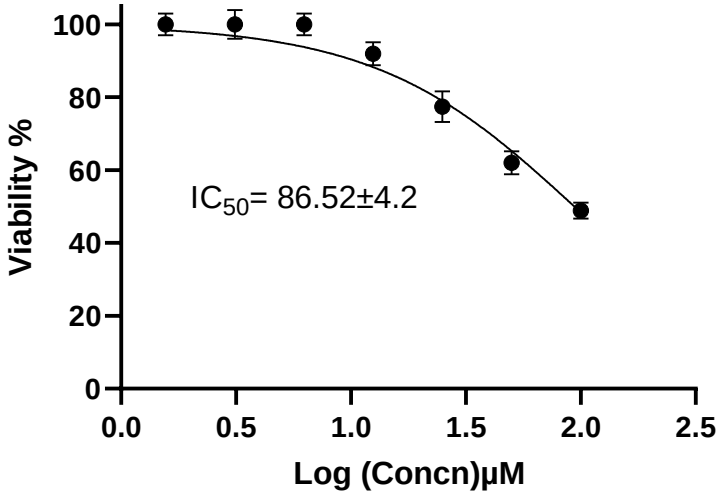
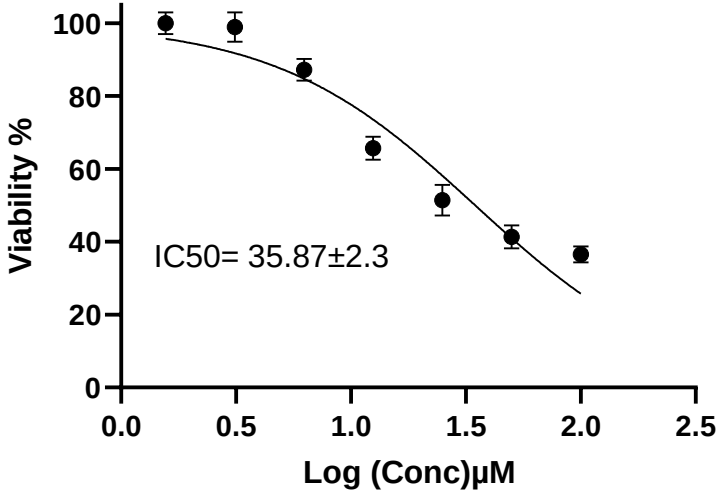
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HCT-116

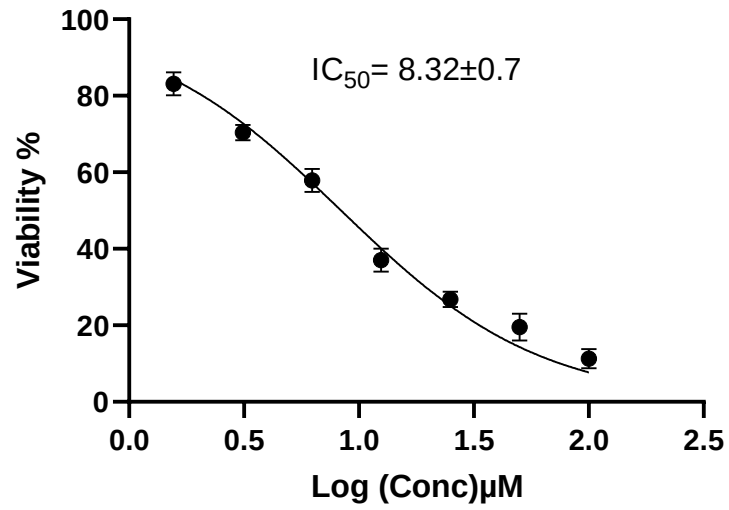


Hela

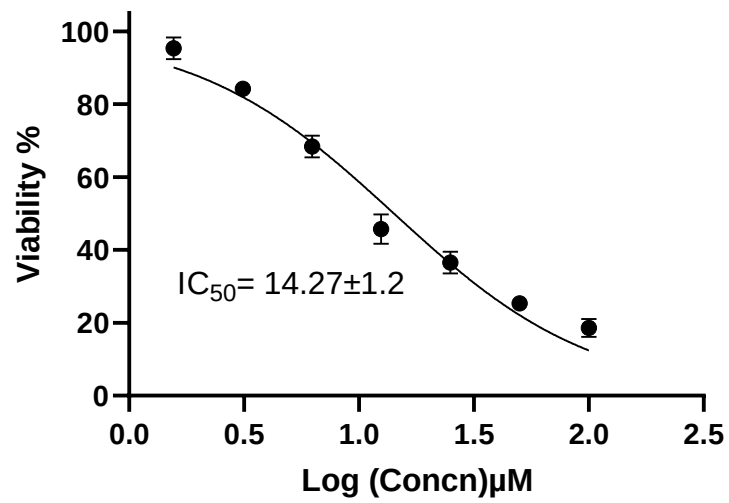


HePG-2	 Viability % Log (Conc) μM $IC_{50} = 84.33 \pm 4.6$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>95</td></tr><tr><td>1.4</td><td>75</td></tr><tr><td>1.7</td><td>62</td></tr><tr><td>2.0</td><td>50</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	95	1.4	75	1.7	62	2.0	50
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	100																
1.1	95																
1.4	75																
1.7	62																
2.0	50																
MCF-7	 Viability % Log (Concn) μM $IC_{50} = 86.52 \pm 4.2$ <table border="1"><thead><tr><th>Log (Concn) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>100</td></tr><tr><td>1.1</td><td>92</td></tr><tr><td>1.4</td><td>78</td></tr><tr><td>1.7</td><td>62</td></tr><tr><td>2.0</td><td>48</td></tr></tbody></table>	Log (Concn) μ M	Viability %	0.2	100	0.5	100	0.8	100	1.1	92	1.4	78	1.7	62	2.0	48
Log (Concn) μ M	Viability %																
0.2	100																
0.5	100																
0.8	100																
1.1	92																
1.4	78																
1.7	62																
2.0	48																
WI-38	 Viability % Log (Conc) μM $IC_{50} = 35.87 \pm 2.3$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>88</td></tr><tr><td>1.1</td><td>65</td></tr><tr><td>1.4</td><td>52</td></tr><tr><td>1.7</td><td>42</td></tr><tr><td>2.0</td><td>38</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	88	1.1	65	1.4	52	1.7	42	2.0	38
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	88																
1.1	65																
1.4	52																
1.7	42																
2.0	38																
5p																	

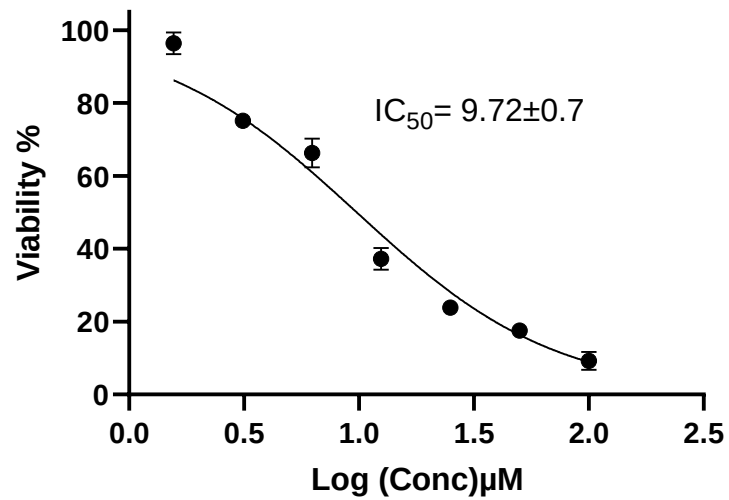
HCT-116



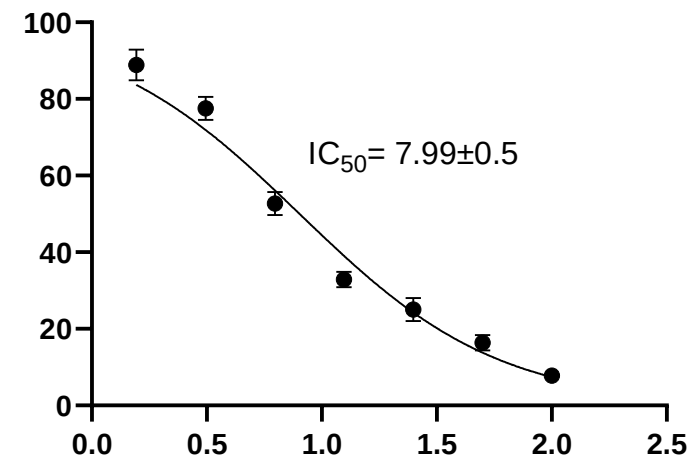
Hela



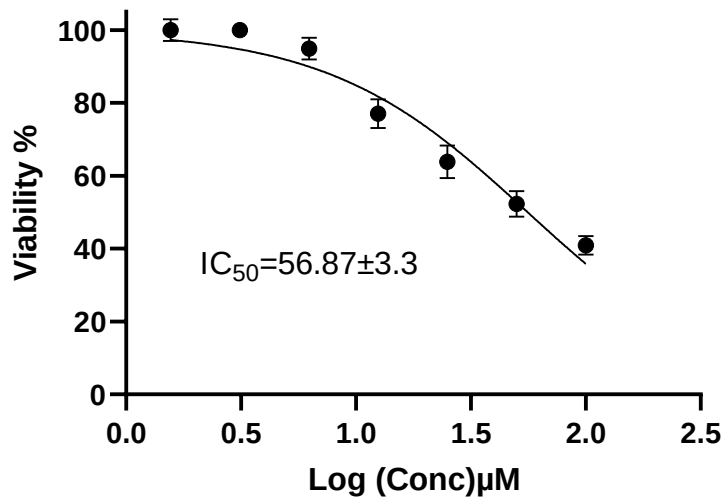
HePG-2



MCF-7

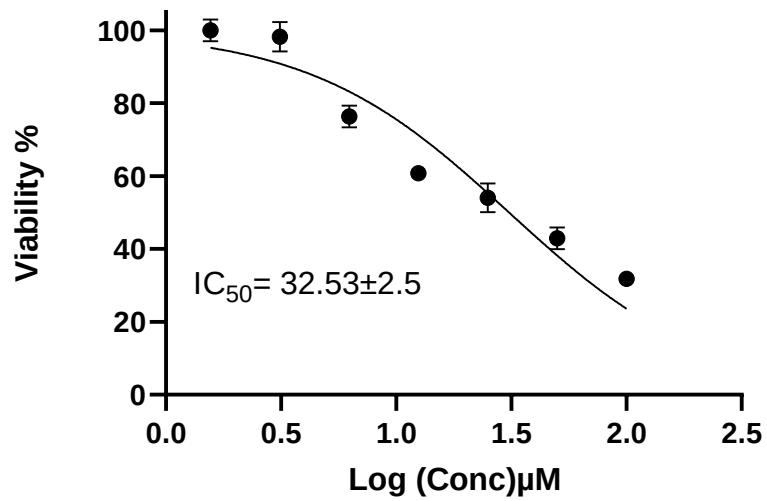


WI-38

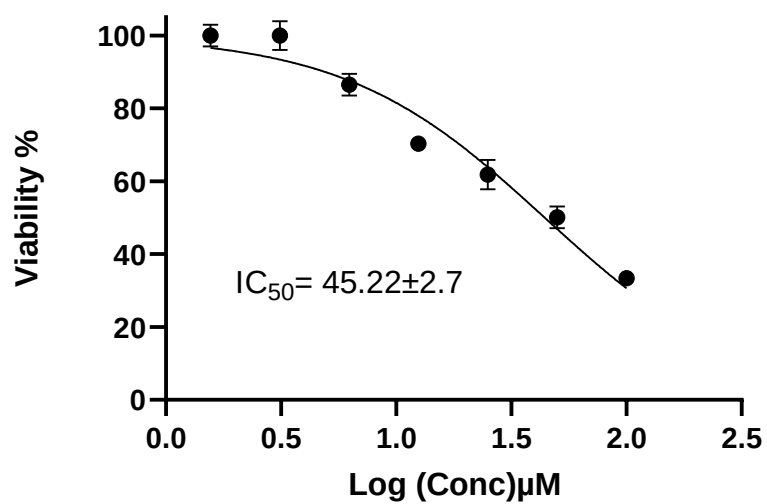


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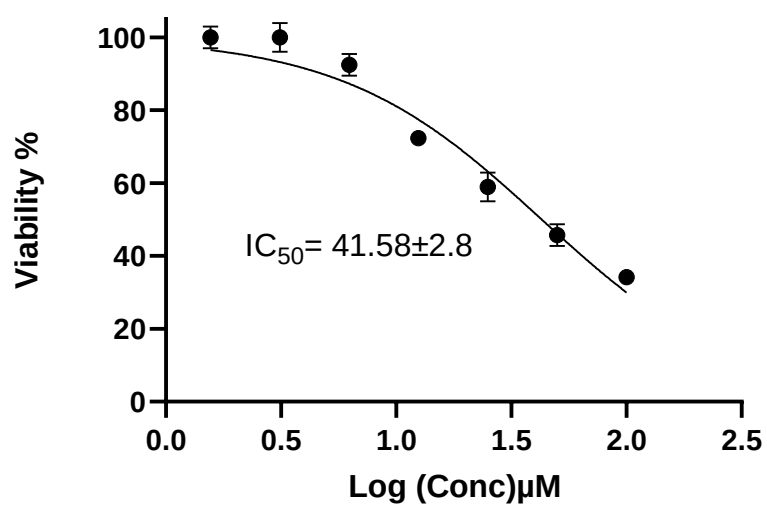
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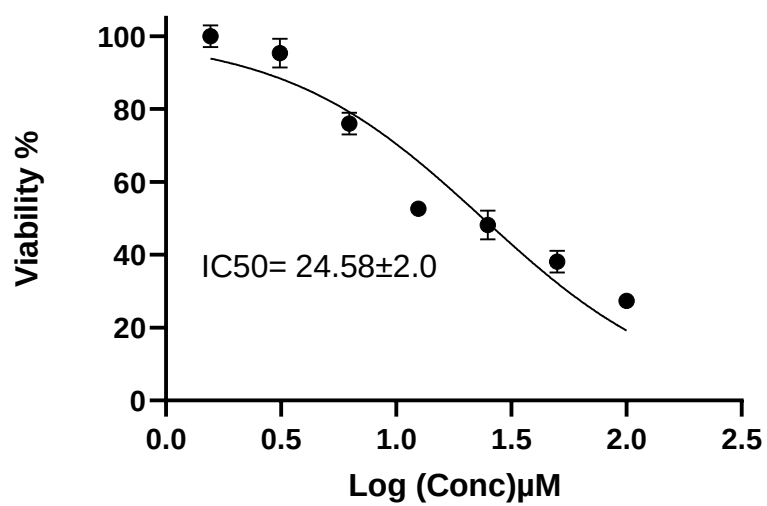
Hela



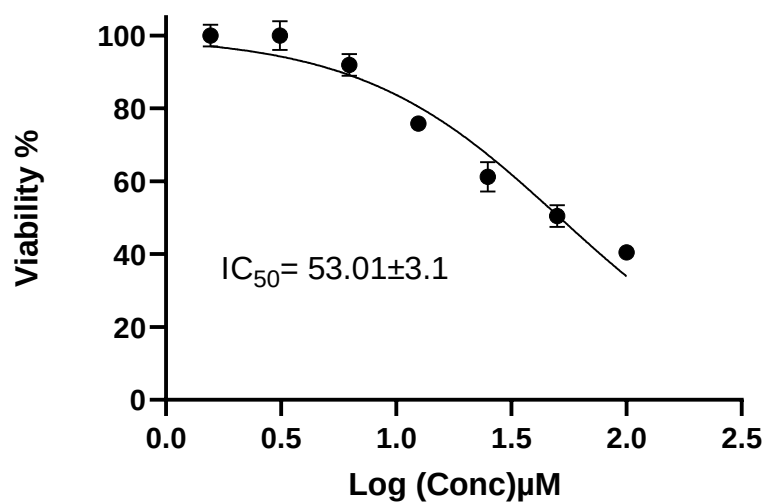
HePG-2



MCF-7

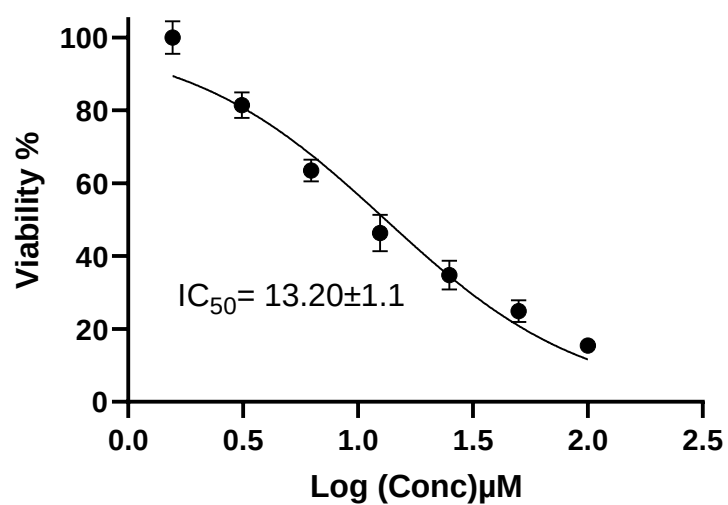


WI-38

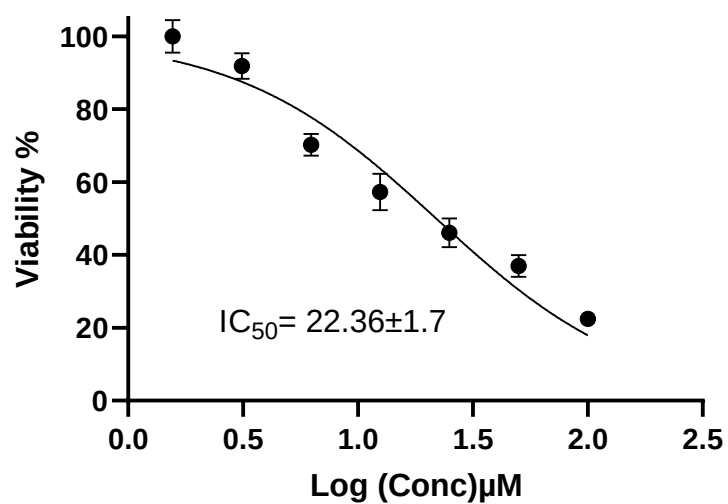


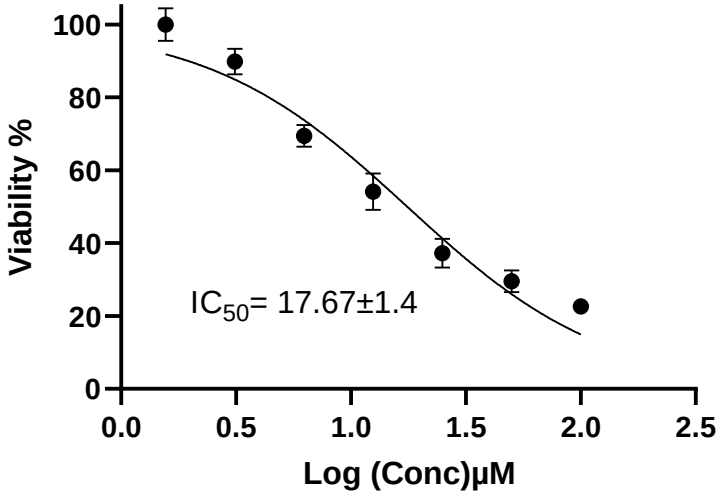
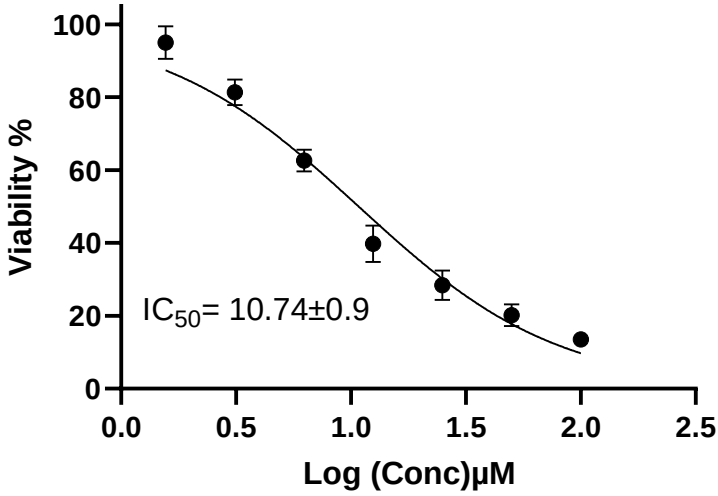
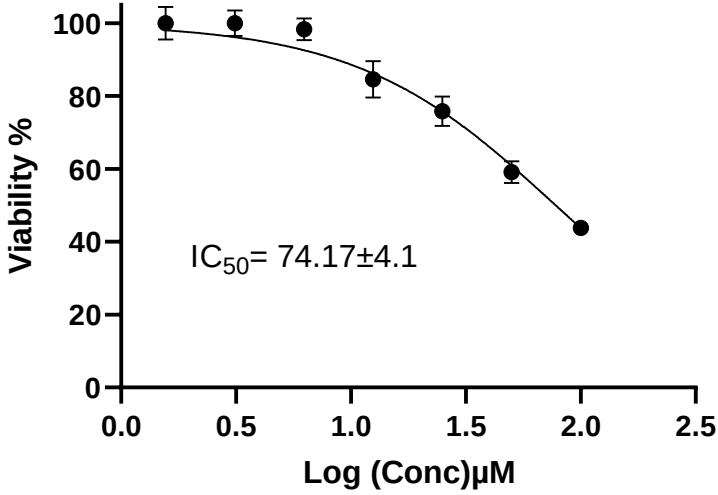
5r

HCT-116



Hela



HePG-2	 Viability % Log (Conc) μM $IC_{50} = 17.67 \pm 1.4$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>90</td></tr><tr><td>0.8</td><td>70</td></tr><tr><td>1.1</td><td>55</td></tr><tr><td>1.4</td><td>38</td></tr><tr><td>1.7</td><td>30</td></tr><tr><td>2.0</td><td>22</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	90	0.8	70	1.1	55	1.4	38	1.7	30	2.0	22
Log (Conc) μ M	Viability %																
0.2	100																
0.5	90																
0.8	70																
1.1	55																
1.4	38																
1.7	30																
2.0	22																
MCF-7	 Viability % Log (Conc) μM $IC_{50} = 10.74 \pm 0.9$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>95</td></tr><tr><td>0.5</td><td>82</td></tr><tr><td>0.8</td><td>63</td></tr><tr><td>1.1</td><td>40</td></tr><tr><td>1.4</td><td>28</td></tr><tr><td>1.7</td><td>20</td></tr><tr><td>2.0</td><td>12</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	95	0.5	82	0.8	63	1.1	40	1.4	28	1.7	20	2.0	12
Log (Conc) μ M	Viability %																
0.2	95																
0.5	82																
0.8	63																
1.1	40																
1.4	28																
1.7	20																
2.0	12																
WI-38	 Viability % Log (Conc) μM $IC_{50} = 74.17 \pm 4.1$ <table border="1"><thead><tr><th>Log (Conc) μM</th><th>Viability %</th></tr></thead><tbody><tr><td>0.2</td><td>100</td></tr><tr><td>0.5</td><td>100</td></tr><tr><td>0.8</td><td>98</td></tr><tr><td>1.1</td><td>85</td></tr><tr><td>1.4</td><td>75</td></tr><tr><td>1.7</td><td>60</td></tr><tr><td>2.0</td><td>45</td></tr></tbody></table>	Log (Conc) μ M	Viability %	0.2	100	0.5	100	0.8	98	1.1	85	1.4	75	1.7	60	2.0	45
Log (Conc) μ M	Viability %																
0.2	100																
0.5	100																
0.8	98																
1.1	85																
1.4	75																
1.7	60																
2.0	45																
	SOR																

