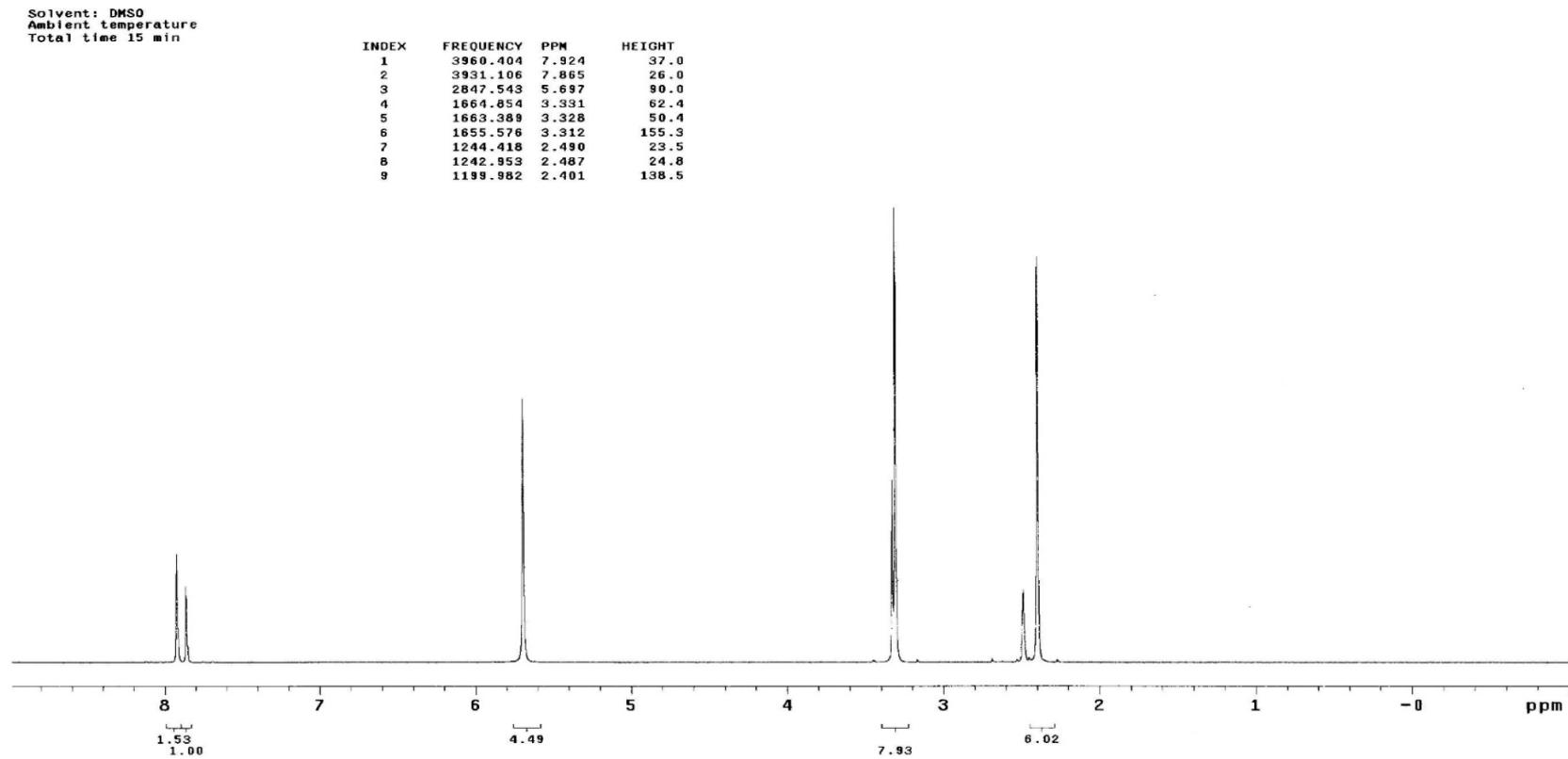


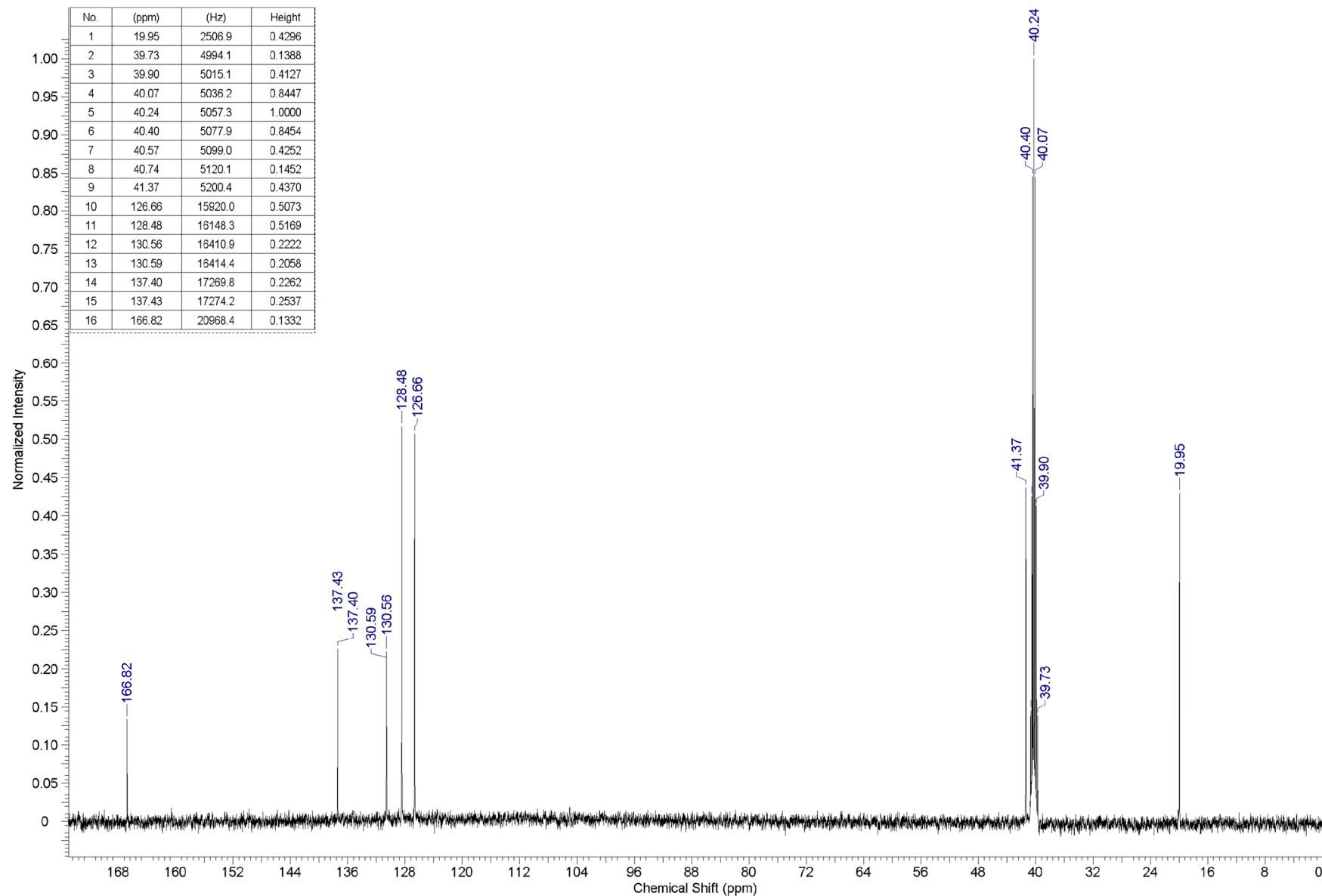
Supplementary Materials

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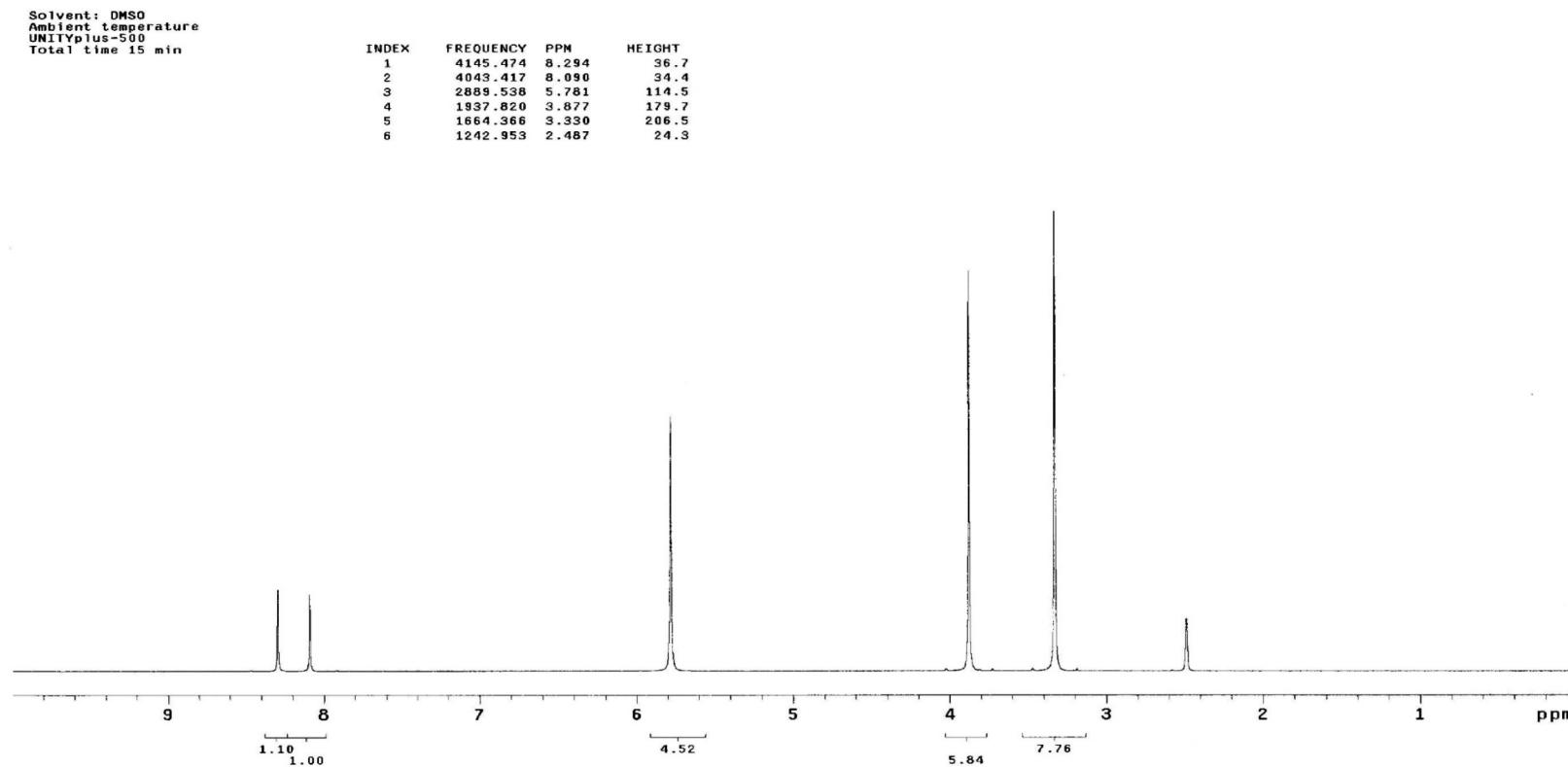
- Spectrum 1.** ^1H -NMR of compd **2** (500 MHz, DMSO- d_6).
Spectrum 2. ^{13}C -NMR of compd **2** (125 MHz, DMSO- d_6).
Spectrum 3. ^1H -NMR of compd **3** (500 MHz, DMSO- d_6).
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Spectrum 5. ^1H -NMR of compd **4** (200 MHz, DMSO- d_6).
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Spectrum 11. ^1H -NMR of compd **8** (200 MHz, DMSO- d_6).
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Spectrum 16. ^{13}C -NMR of compd **13** (125 MHz, DMSO- d_6).
Spectrum 17. ^1H -NMR of compd **16** (200 MHz, DMSO- d_6).
Spectrum 18. ^{13}C -NMR of compd **16** (125 MHz, DMSO- d_6).
Spectrum 19. ^1H -NMR of compd **18** (200 MHz, DMSO- d_6).
Spectrum 20. ^{13}C -NMR of compd **18** (125 MHz, DMSO- d_6).



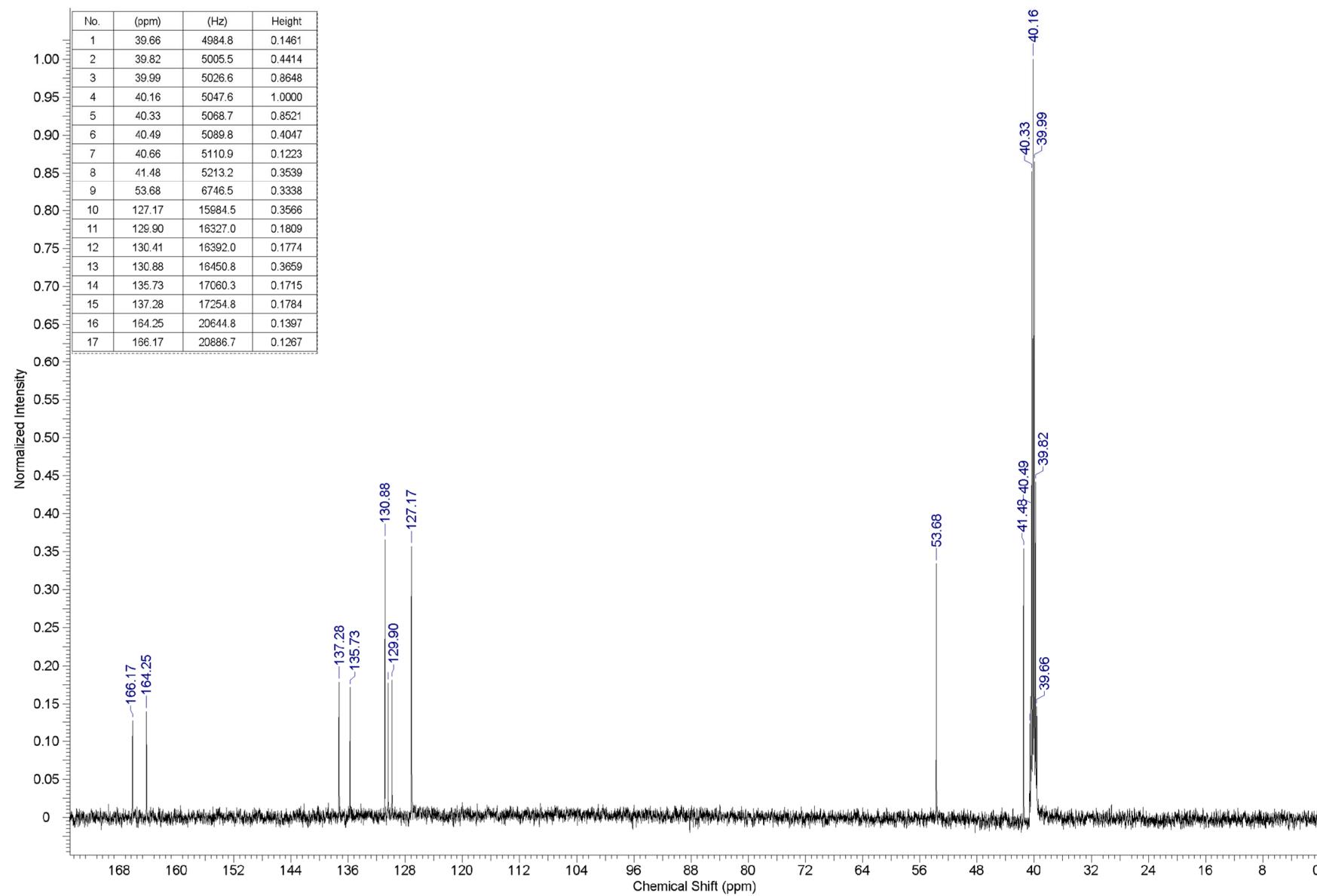
Spectrum 1. ^1H -NMR of compd **2** (500 MHz, $\text{DMSO}-d_6$).



Spectrum 2. ^{13}C -NMR of compd 2 (125 MHz, $\text{DMSO}-d_6$).

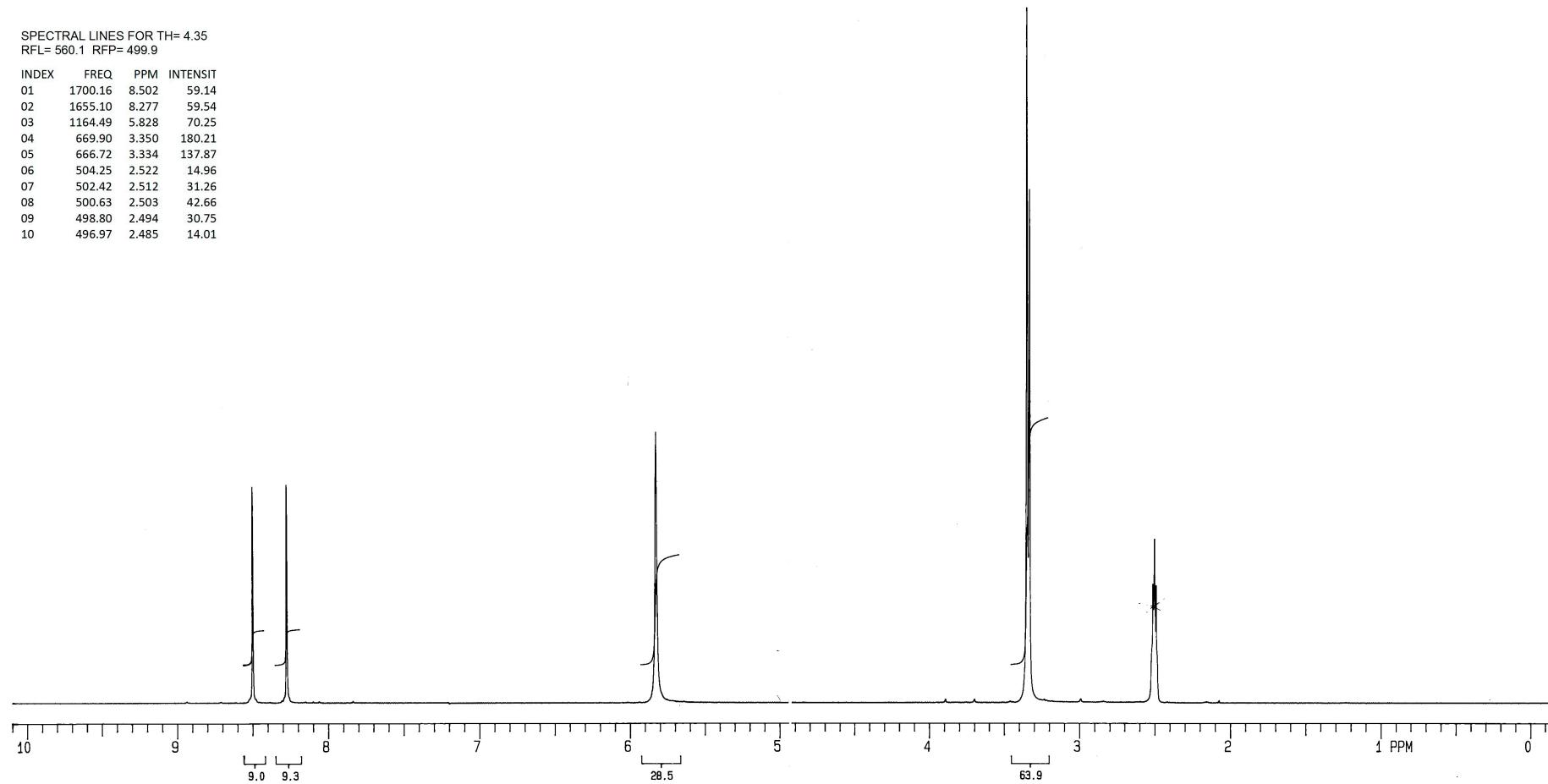


Spectrum 3. ^1H -NMR of compd 3 (500 MHz, $\text{DMSO}-d_6$).

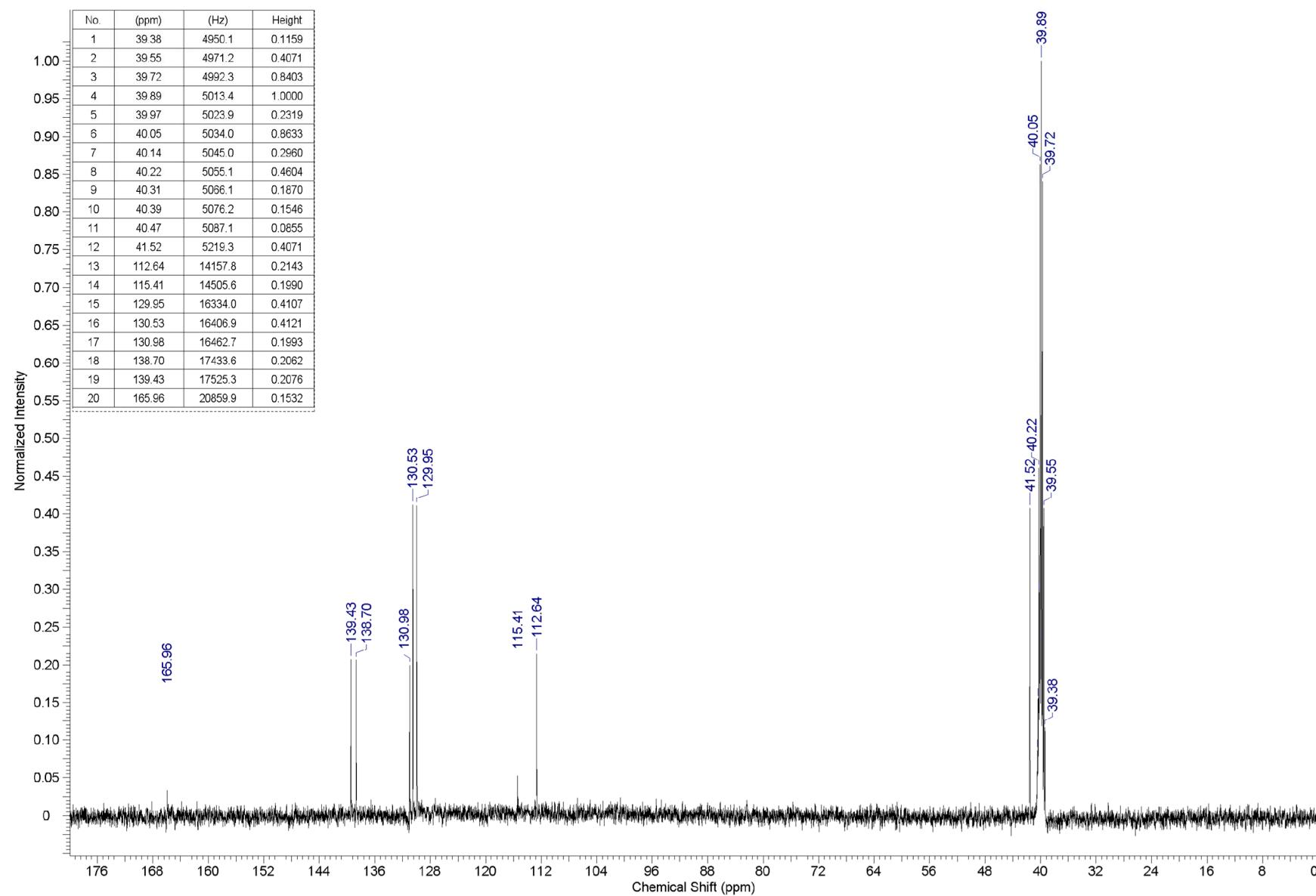


SPECTRAL LINES FOR TH= 4.35
RFL= 560.1 RFP= 499.9

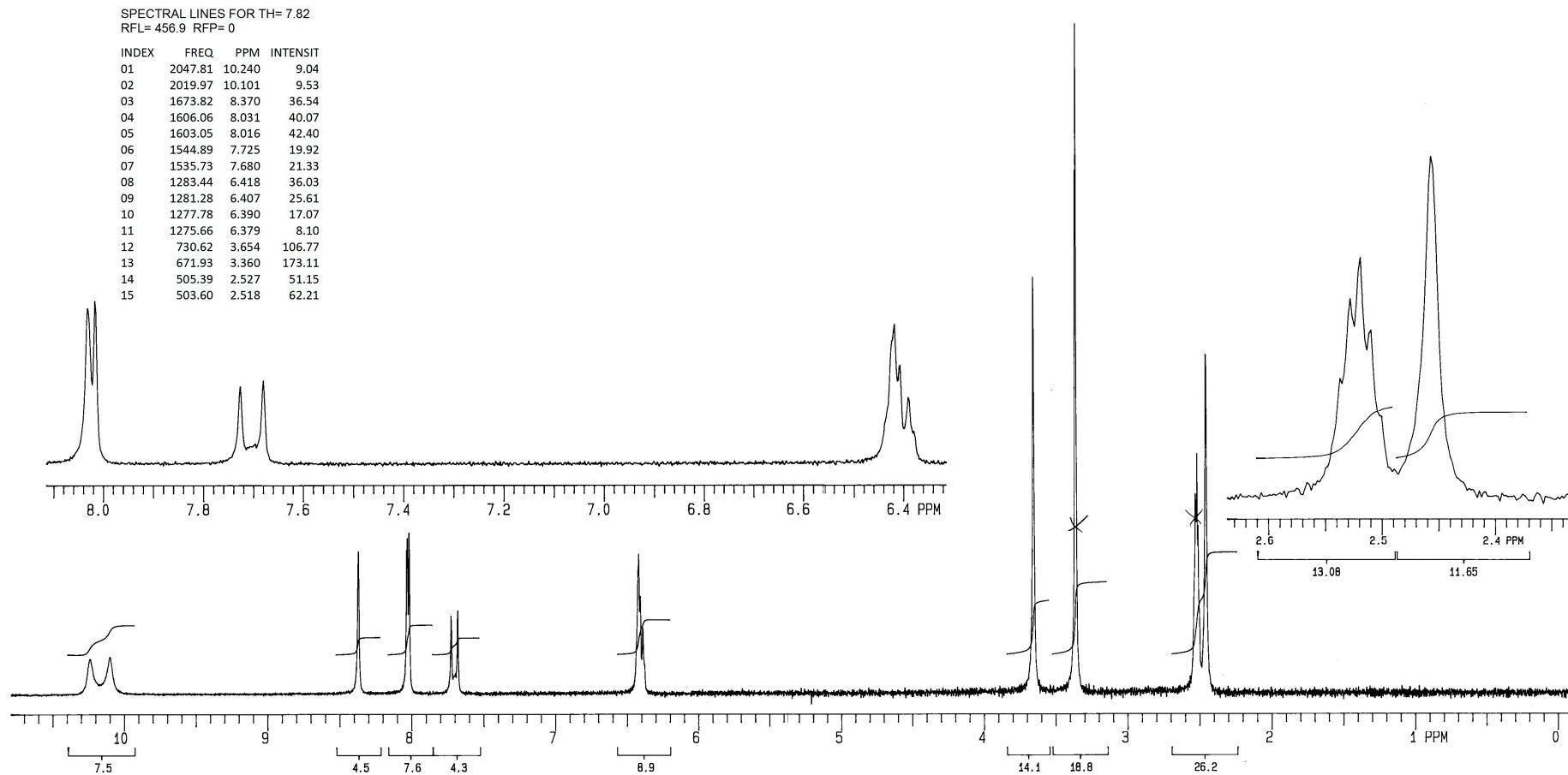
INDEX	FREQ	PPM	INTENSIT
01	1700.16	8.502	59.14
02	1655.10	8.277	59.54
03	1164.49	5.828	70.25
04	669.90	3.350	180.21
05	666.72	3.334	137.87
06	504.25	2.522	14.96
07	502.42	2.512	31.26
08	500.63	2.503	42.66
09	498.80	2.494	30.75
10	496.97	2.485	14.01



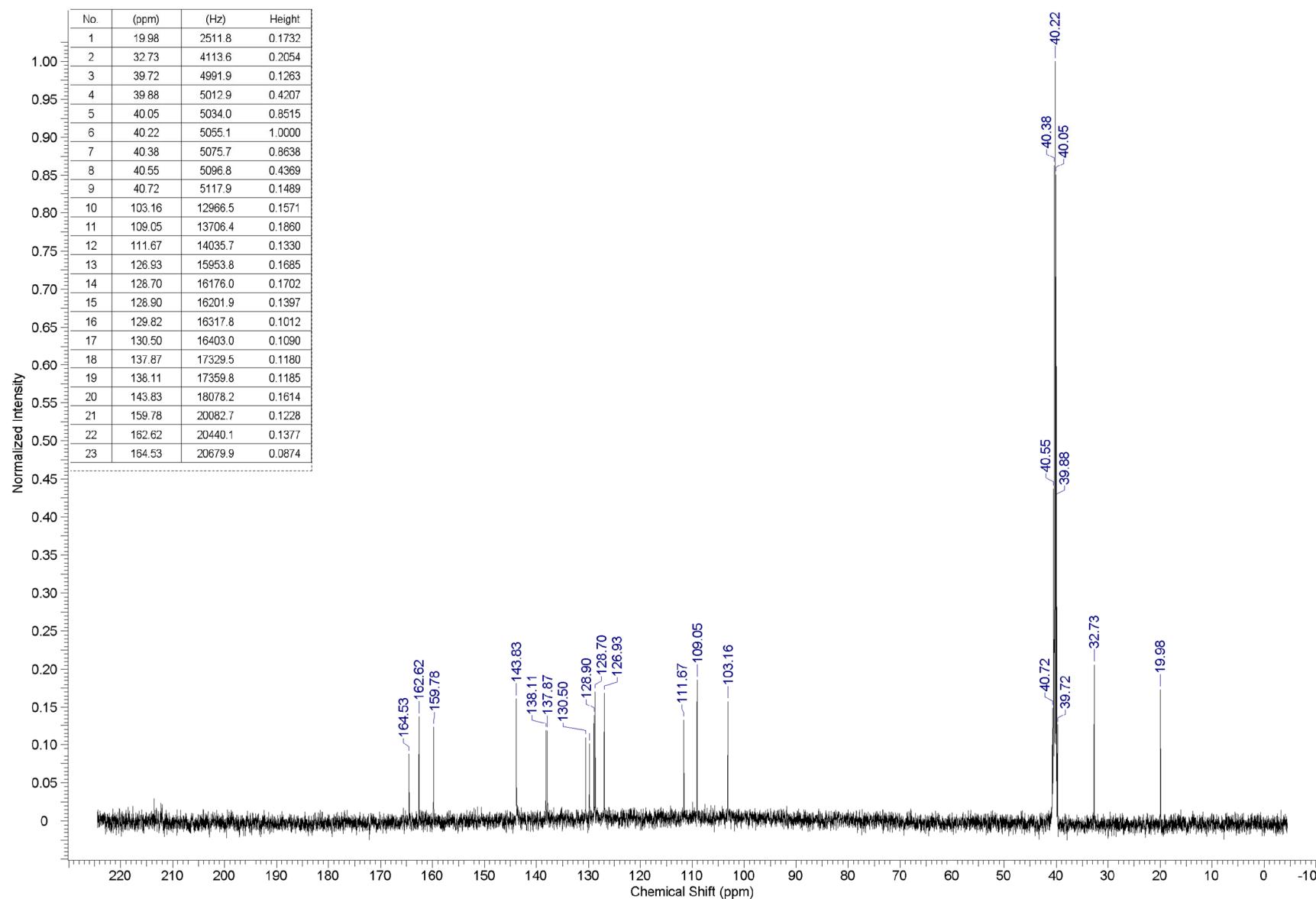
Spectrum 5. ¹H-NMR of compd 4 (200 MHz, DMSO-*d*₆).



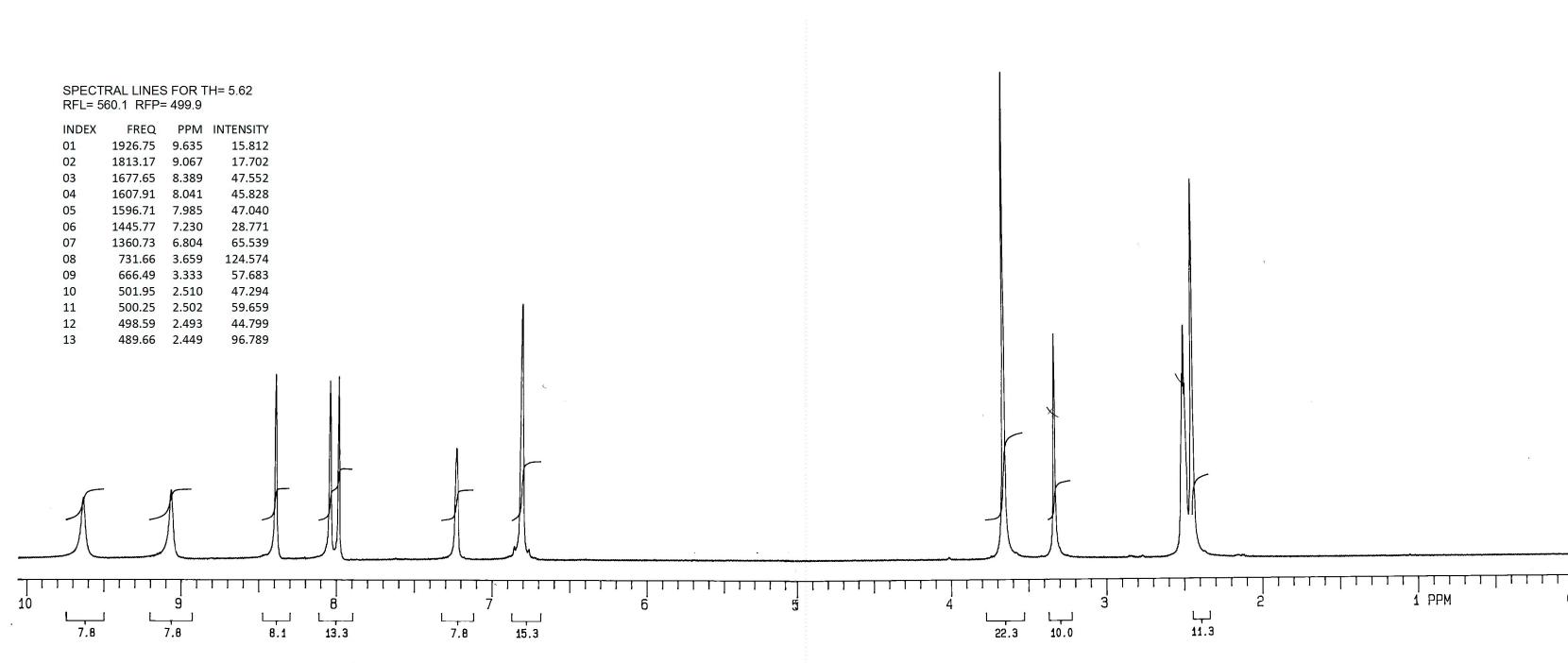
Spectrum 6. ^{13}C -NMR of compd 4 (125 MHz, $\text{DMSO}-d_6$).



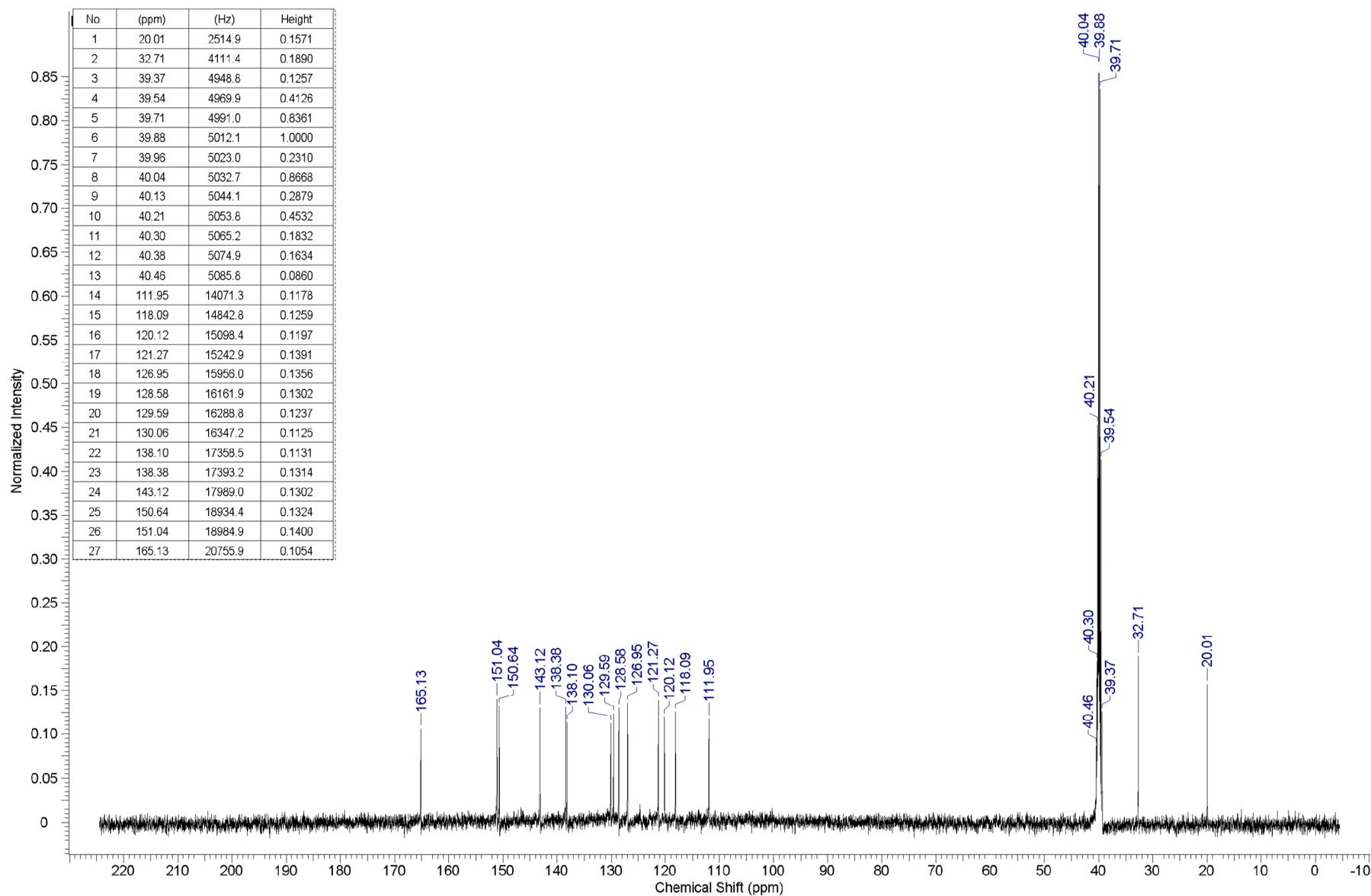
Spectrum 7. ¹H-NMR of compd 6 (200 MHz, DMSO-*d*₆).



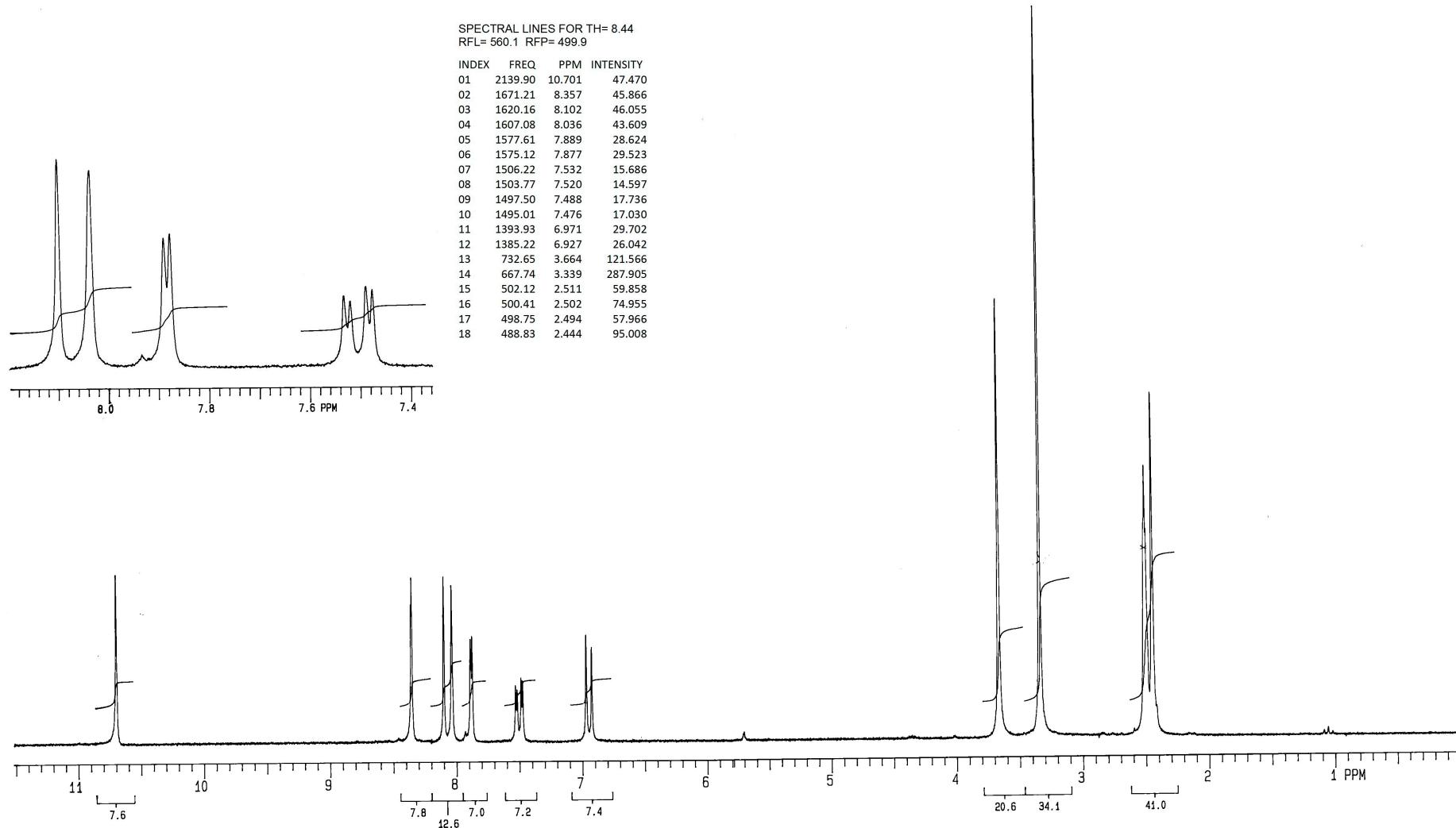
Spectrum 8. ^{13}C -NMR of compd 6 (125 MHz, $\text{DMSO}-d_6$).



Spectrum 9. ^1H -NMR of compd 7 (200 MHz, $\text{DMSO}-d_6$).



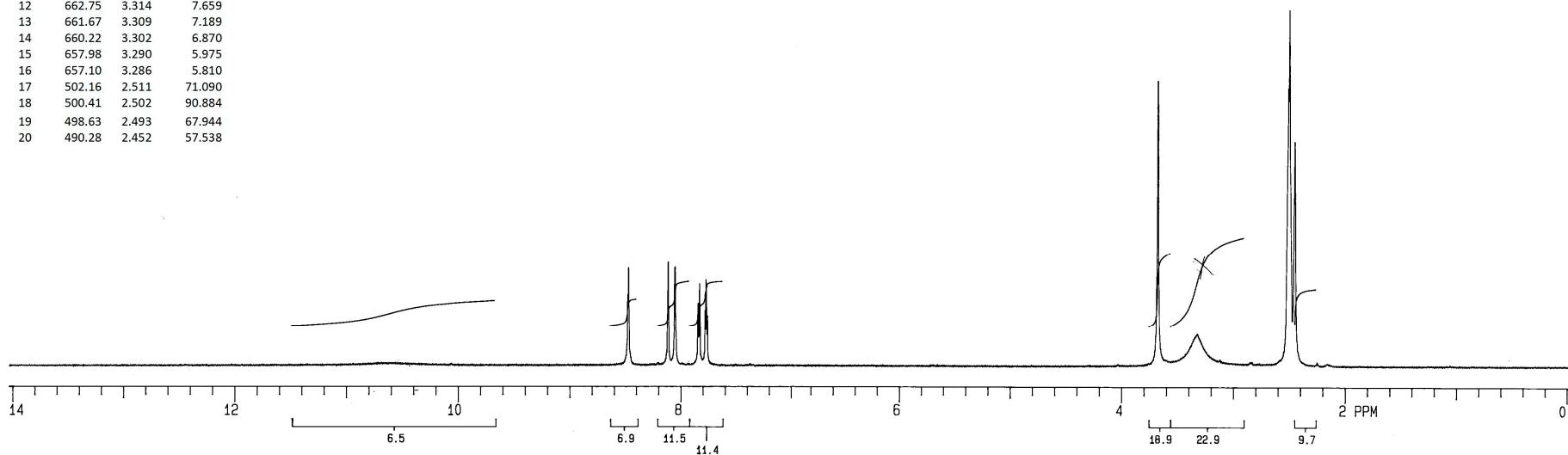
Spectrum 10. ^{13}C -NMR of compd 7 (125 MHz, DMSO-*d*₆).



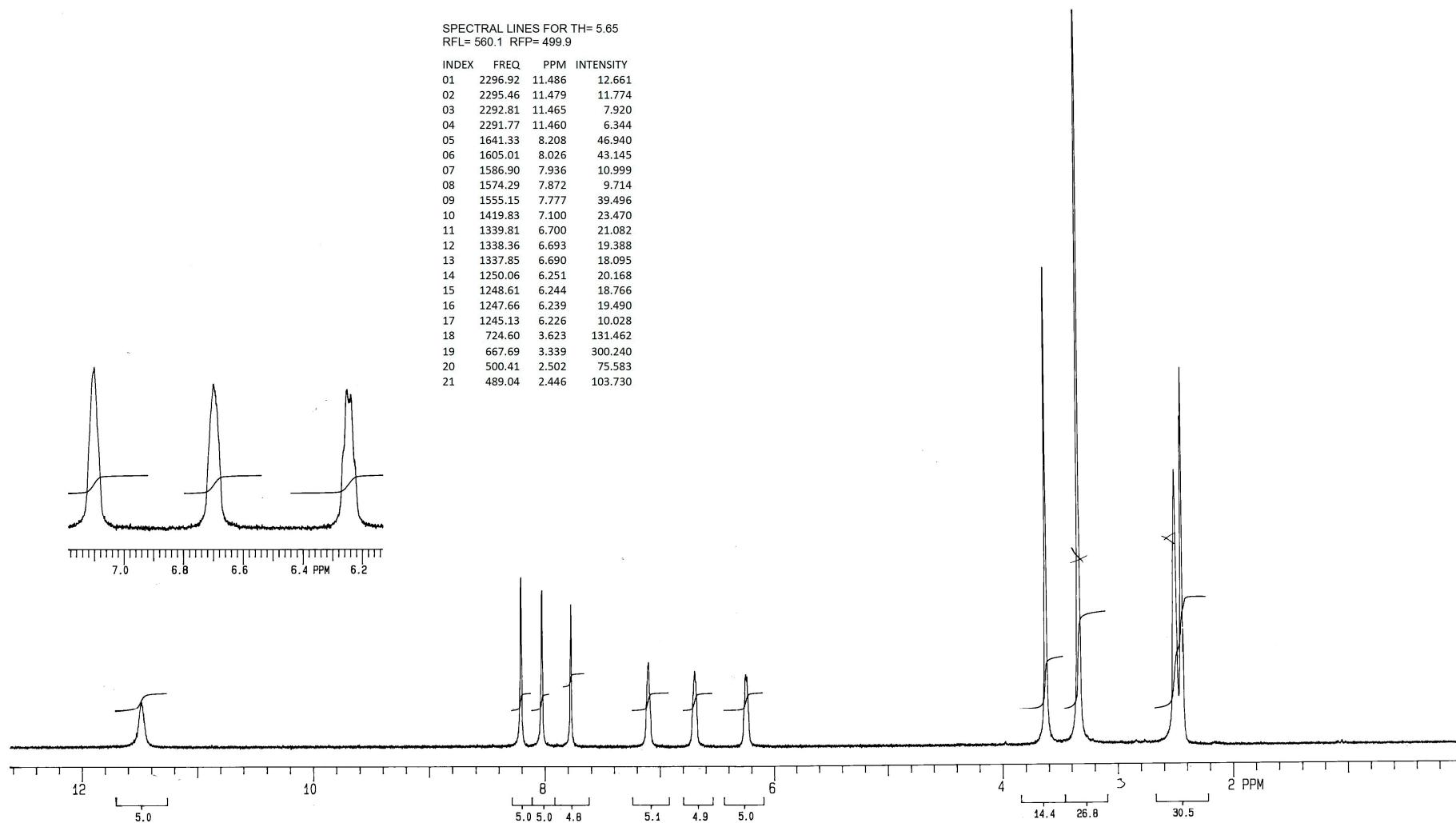
Spectrum 11. ^1H -NMR of compd **8** (200 MHz, $\text{DMSO}-d_6$).

SPECTRAL LINES FOR TH= 5.62
RFL= 560.1 RFP= 499.9

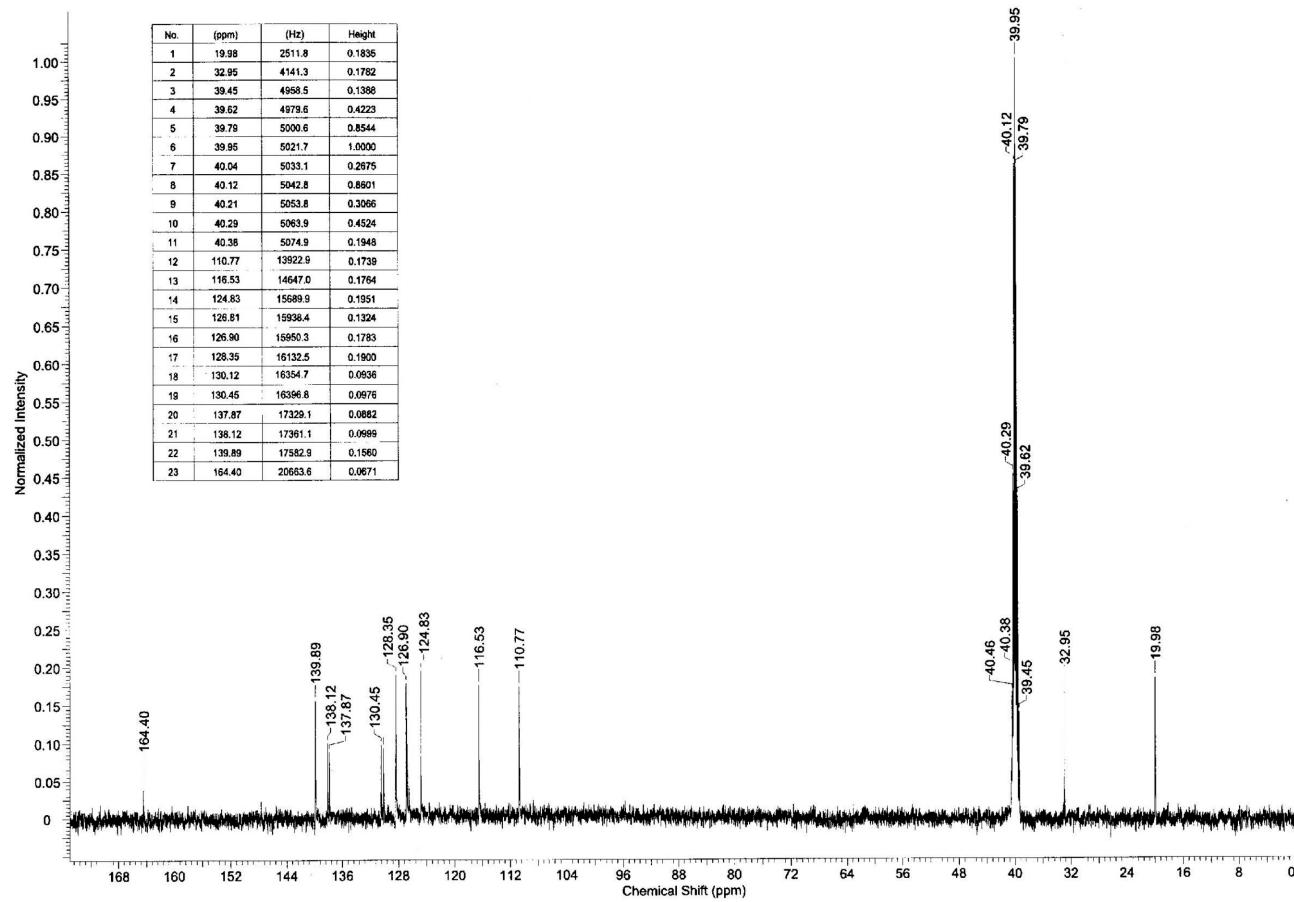
INDEX	FREQ.	PPM	INTENSITY
01	1694.25	8.472	25.027
02	1622.69	8.114	26.467
03	1610.20	8.052	25.218
04	1568.48	7.843	15.858
05	1565.94	7.831	21.100
06	1555.04	7.776	22.064
07	1552.50	7.763	15.933
08	735.19	3.676	72.962
09	672.05	3.361	6.487
10	668.93	3.345	7.346
11	664.88	3.325	8.182
12	662.75	3.314	7.659
13	661.67	3.309	7.189
14	660.22	3.302	6.870
15	657.98	3.290	5.975
16	657.10	3.286	5.810
17	502.16	2.511	71.090
18	500.41	2.502	90.884
19	498.63	2.493	67.944
20	490.28	2.452	57.538



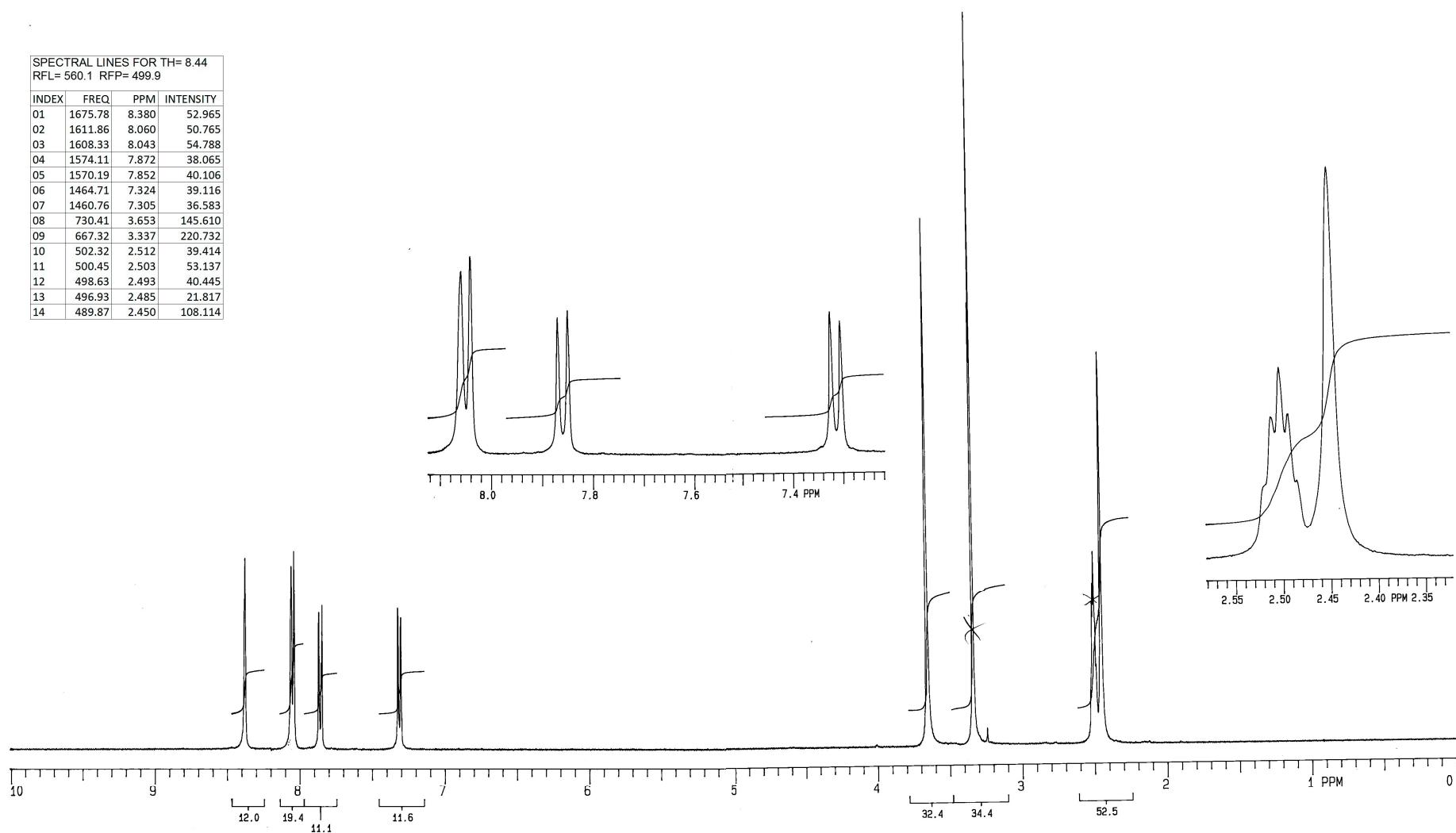
Spectrum 12. ^1H -NMR of compd **11** (200 MHz, DMSO- d_6).



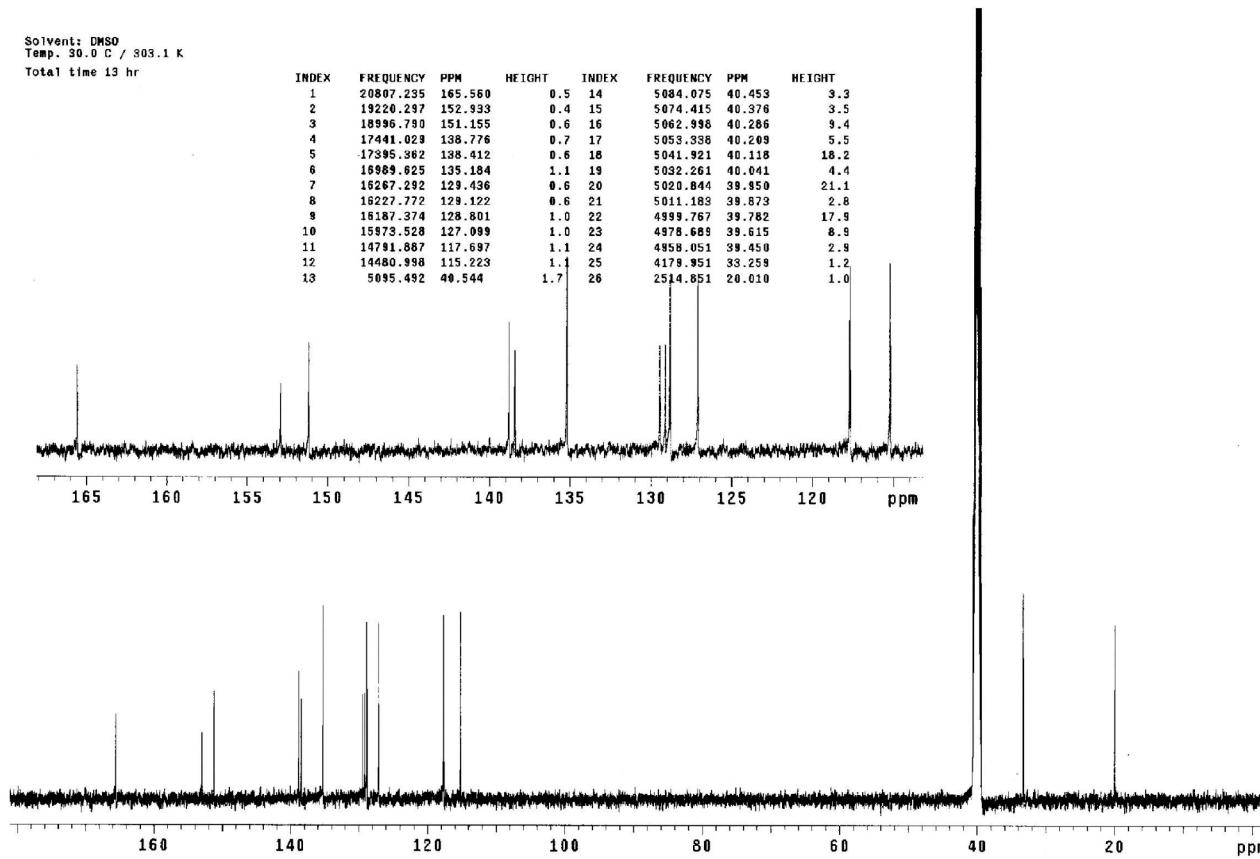
Spectrum 13. ^1H -NMR of compd **12** (200 MHz, $\text{DMSO}-d_6$).



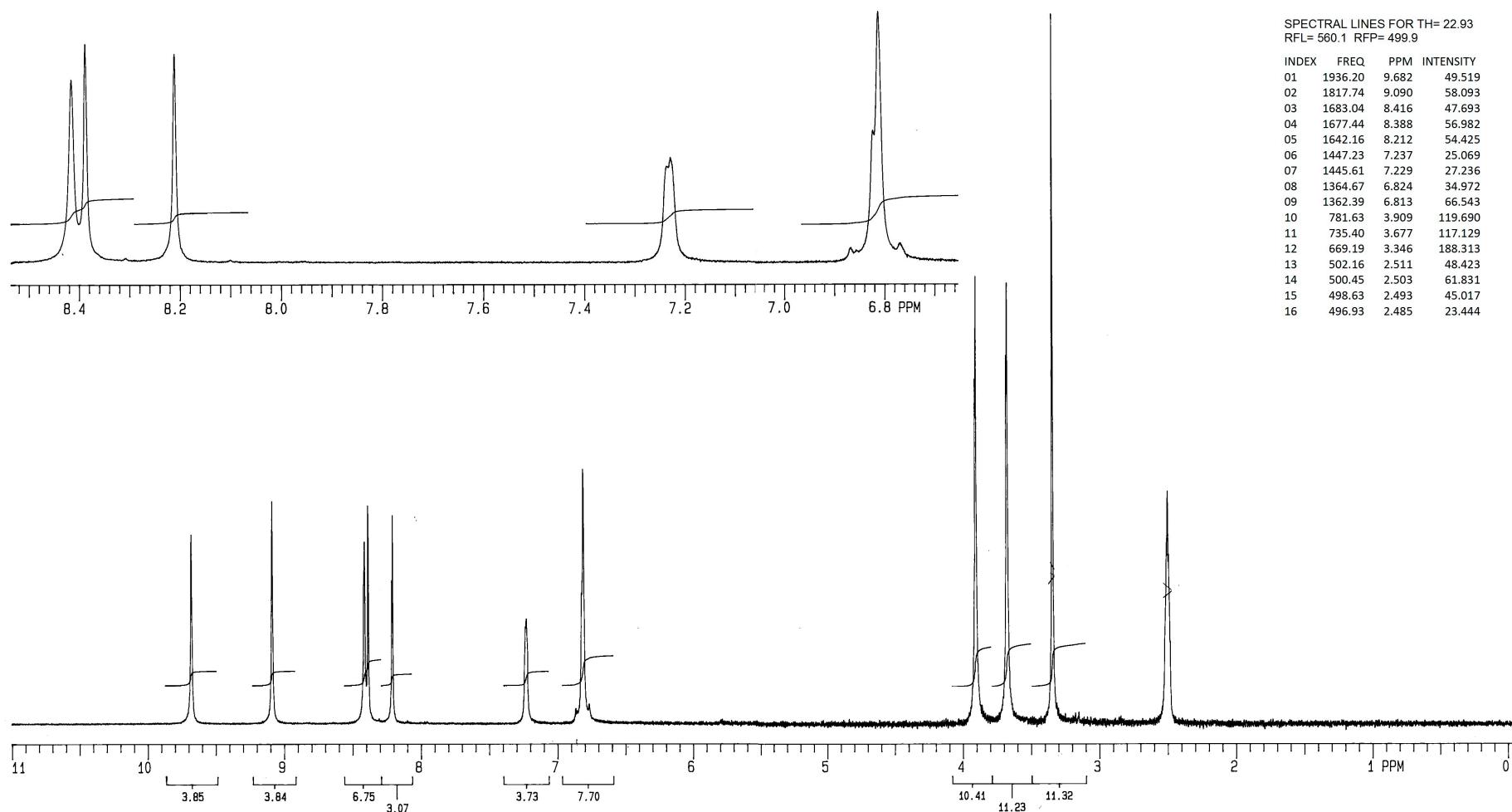
Spectrum 14. ¹³C-NMR of compd **12** (125 MHz, DMSO-*d*₆).



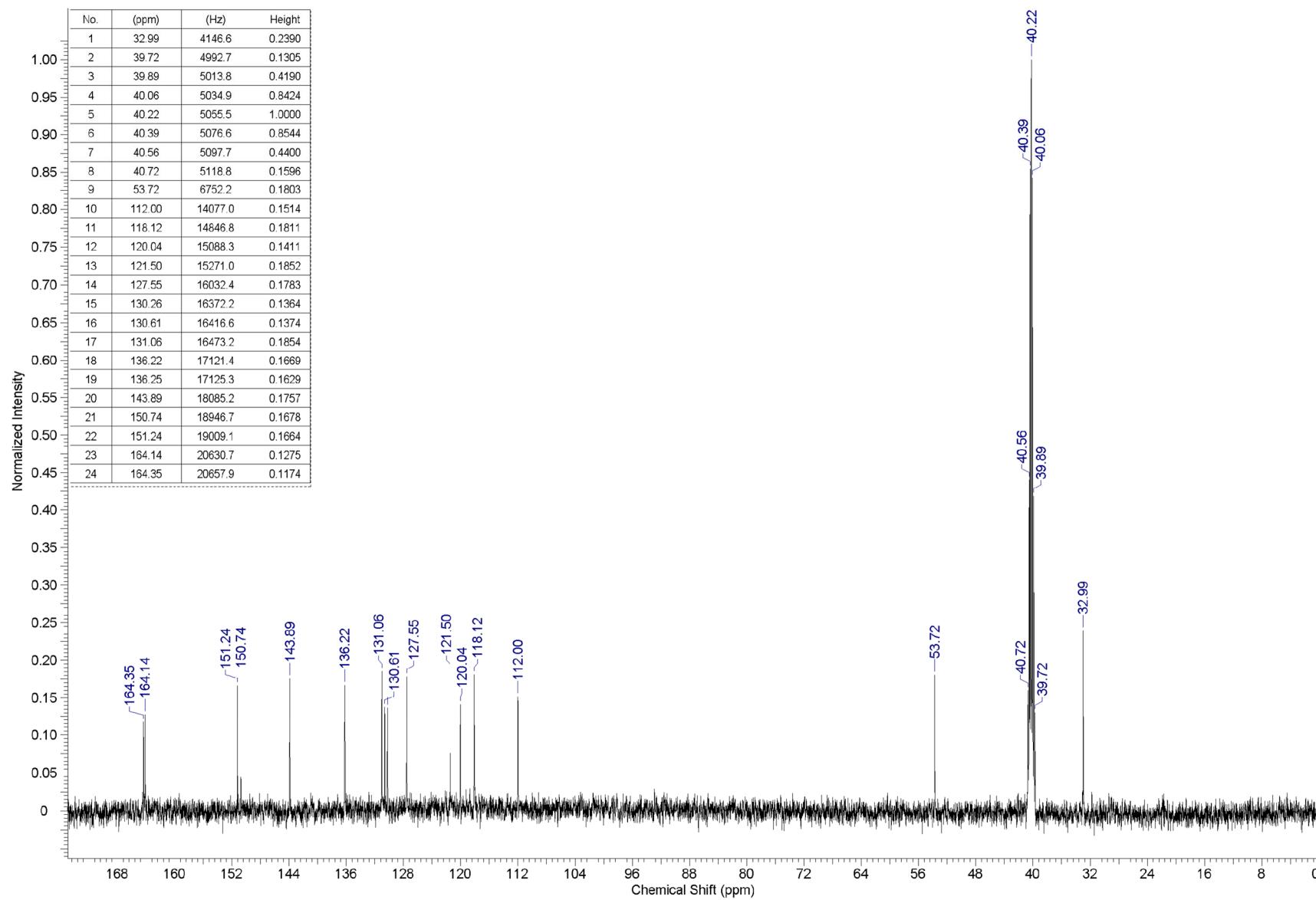
Spectrum 15. ¹H-NMR of compd 13 (200 MHz, DMSO-*d*₆).



Spectrum 16. ^{13}C -NMR of compd **13** (125 MHz, DMSO- d_6).



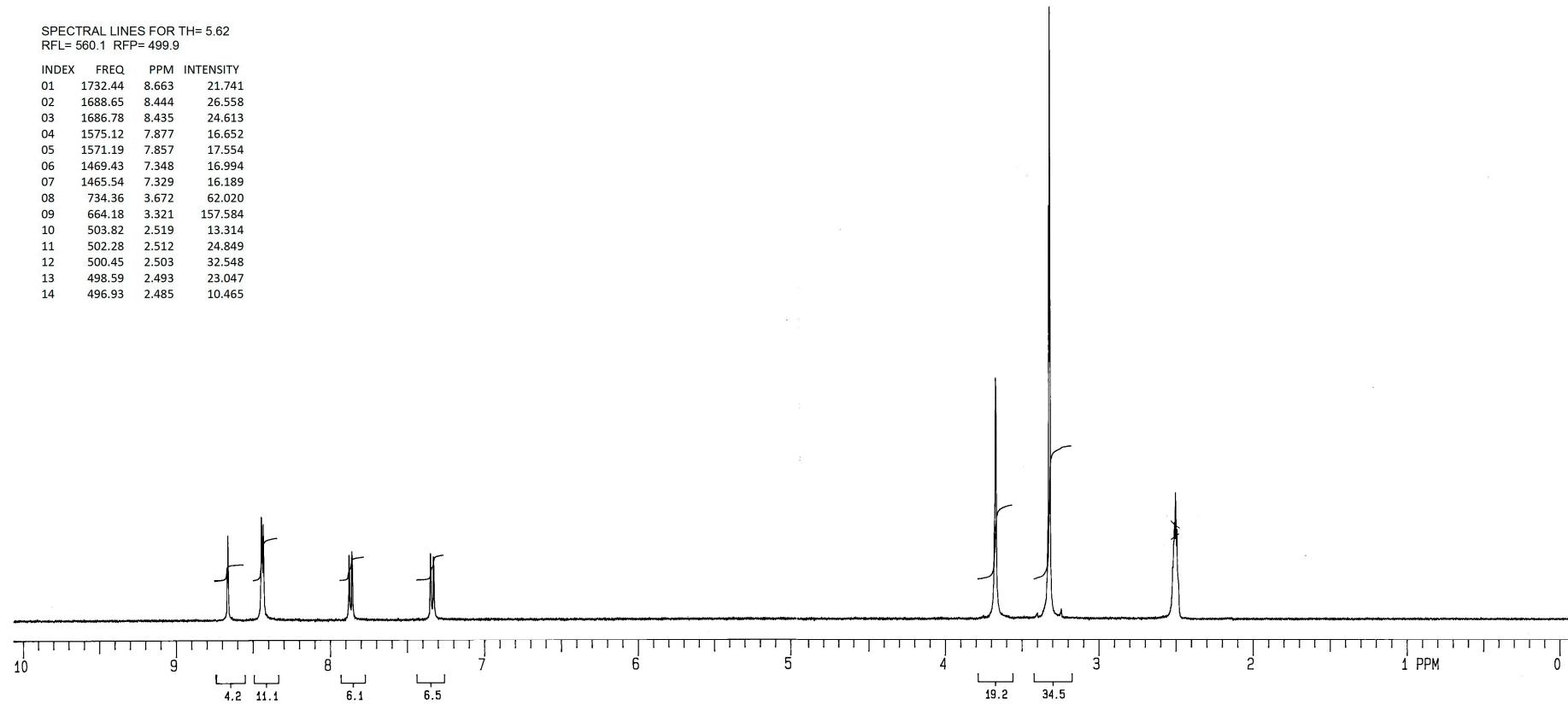
Spectrum 17. ¹H-NMR of compd 16 (200 MHz, DMSO-*d*₆).



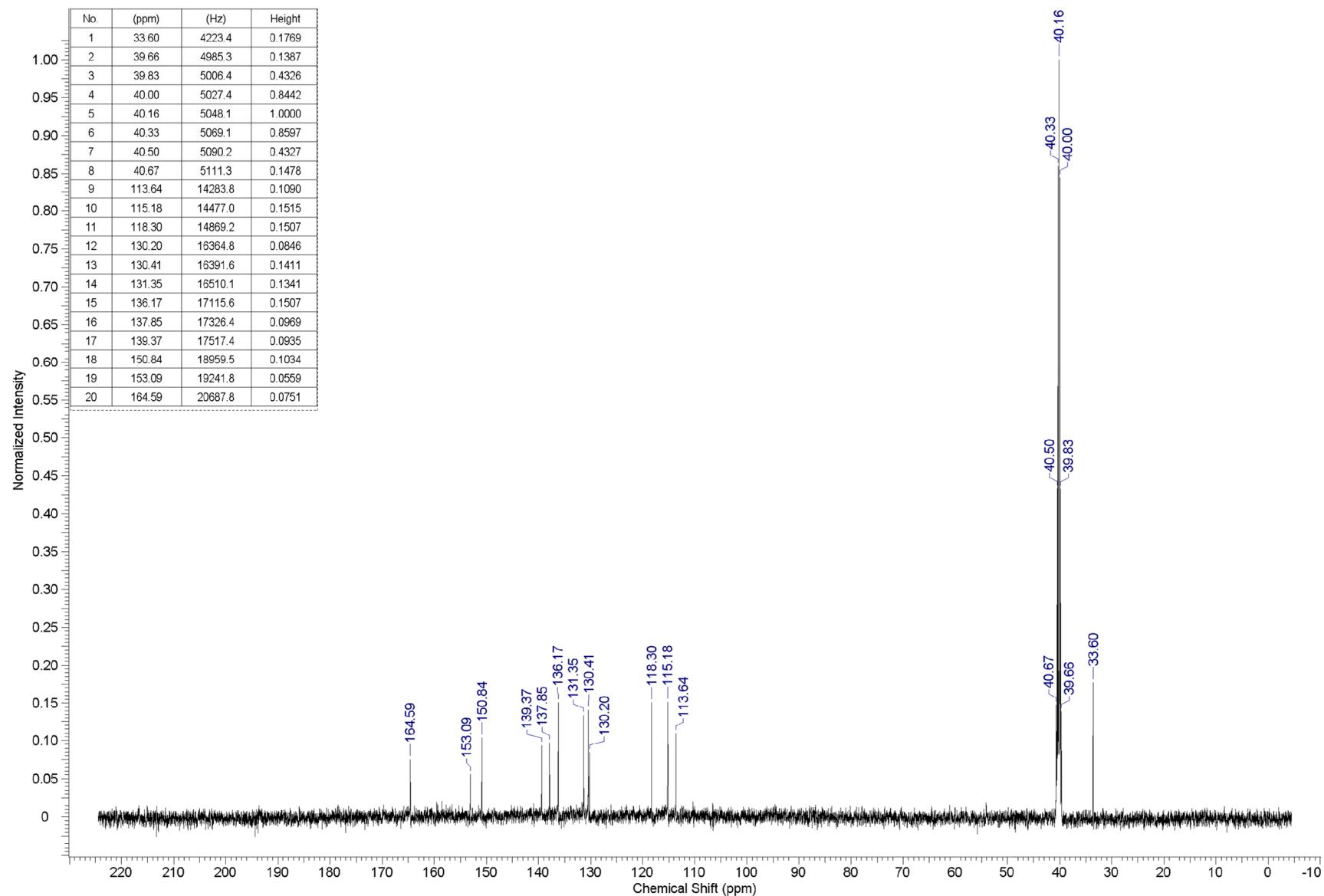
Spectrum 18. ^{13}C -NMR of compd **16** (125 MHz, DMSO- d_6).

SPECTRAL LINES FOR TH= 5.62
RFL= 560.1 RFP= 499.9

INDEX	FREQ	PPM	INTENSITY
01	1732.44	8.663	21.741
02	1688.65	8.444	26.558
03	1686.78	8.435	24.613
04	1575.12	7.877	16.652
05	1571.19	7.857	17.554
06	1469.43	7.348	16.994
07	1465.54	7.329	16.189
08	734.36	3.672	62.020
09	664.18	3.321	157.584
10	503.82	2.519	13.314
11	502.28	2.512	24.849
12	500.45	2.503	32.548
13	498.59	2.493	23.047
14	496.93	2.485	10.465



Spectrum 19. ¹H-NMR of compd 18 (200 MHz, DMSO-*d*₆).



Spectrum 20. ^{13}C -NMR of compd **18** (125 MHz, $\text{DMSO}-d_6$).