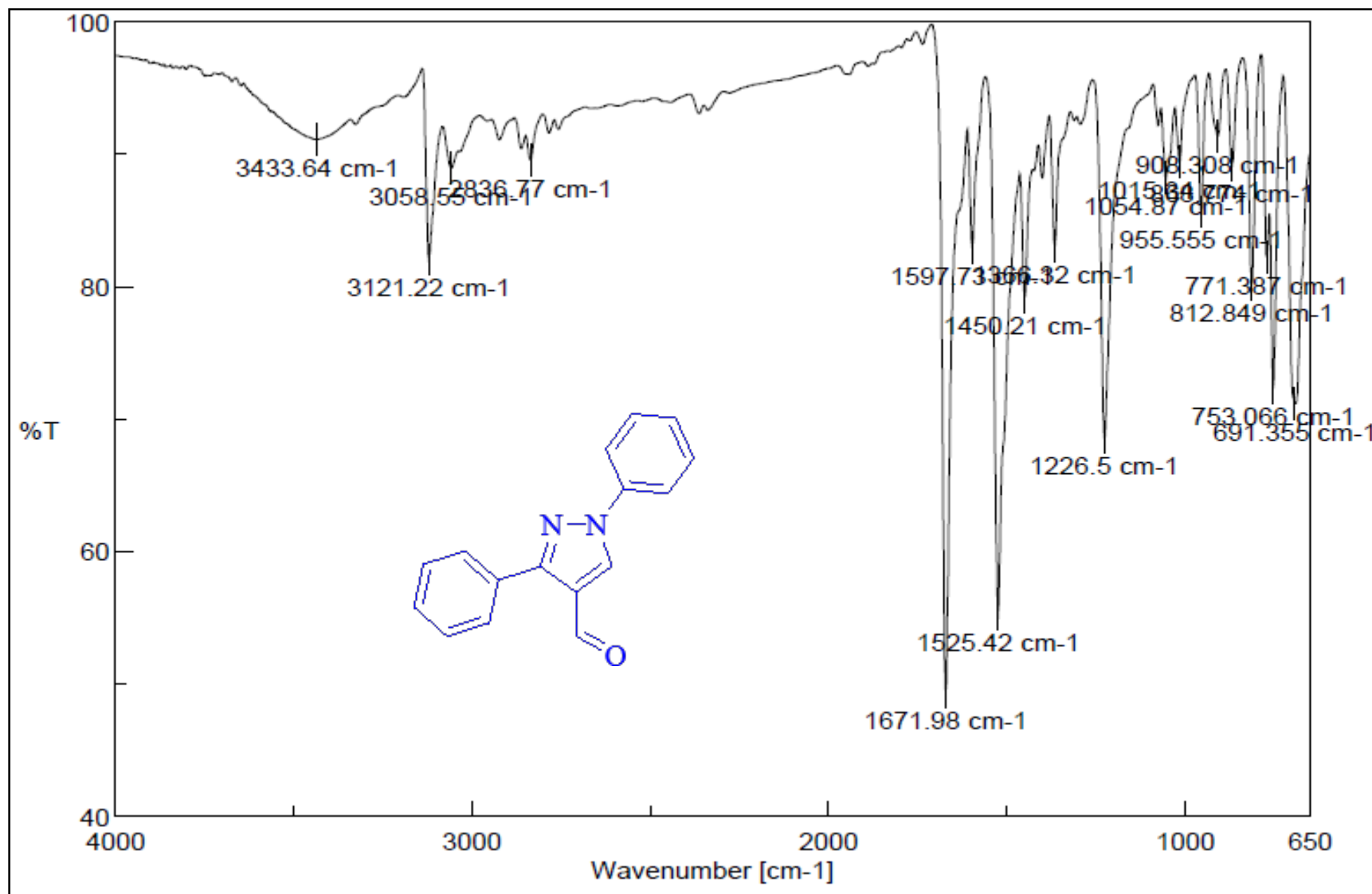
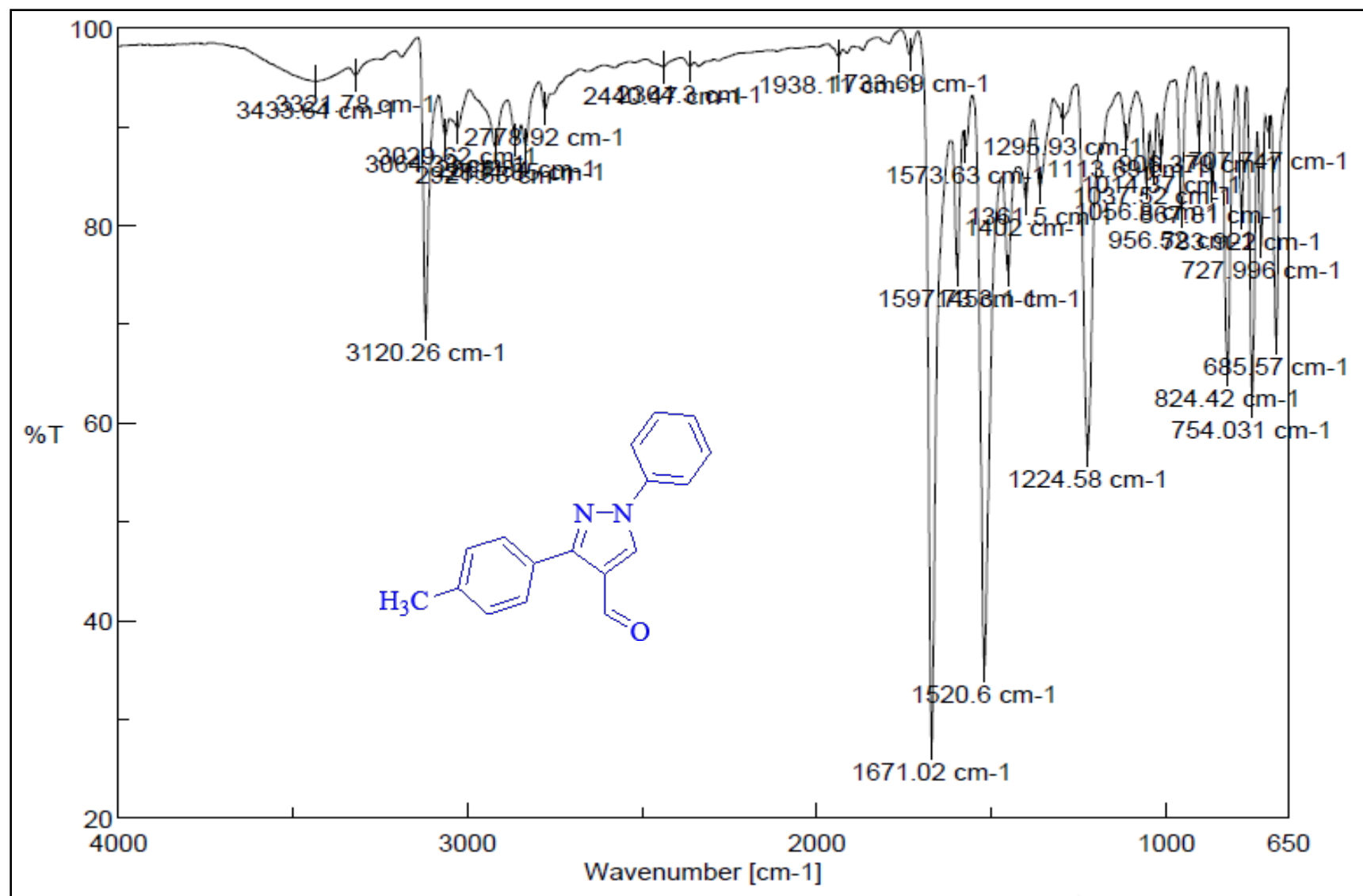


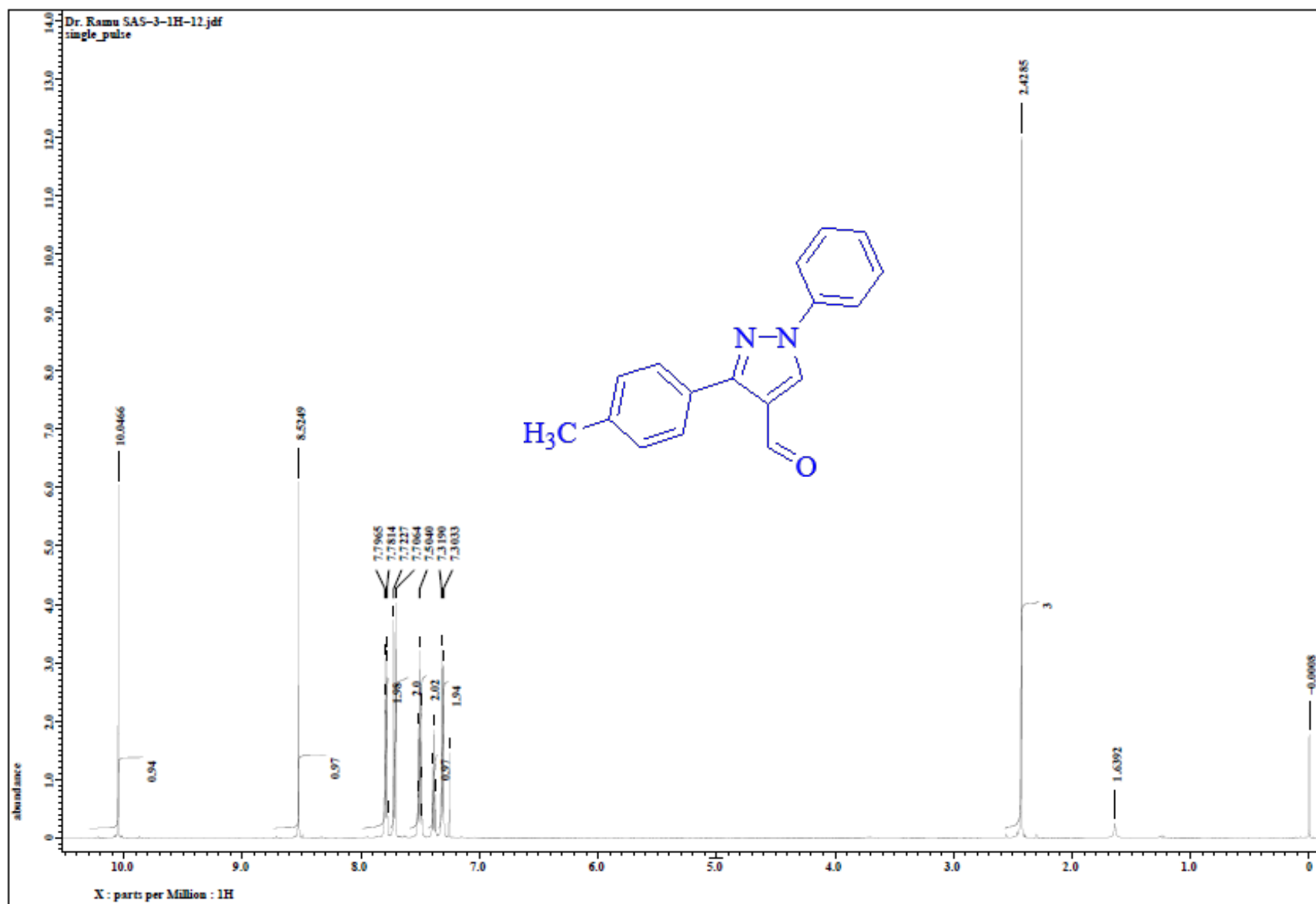
IR spectrum of 4a



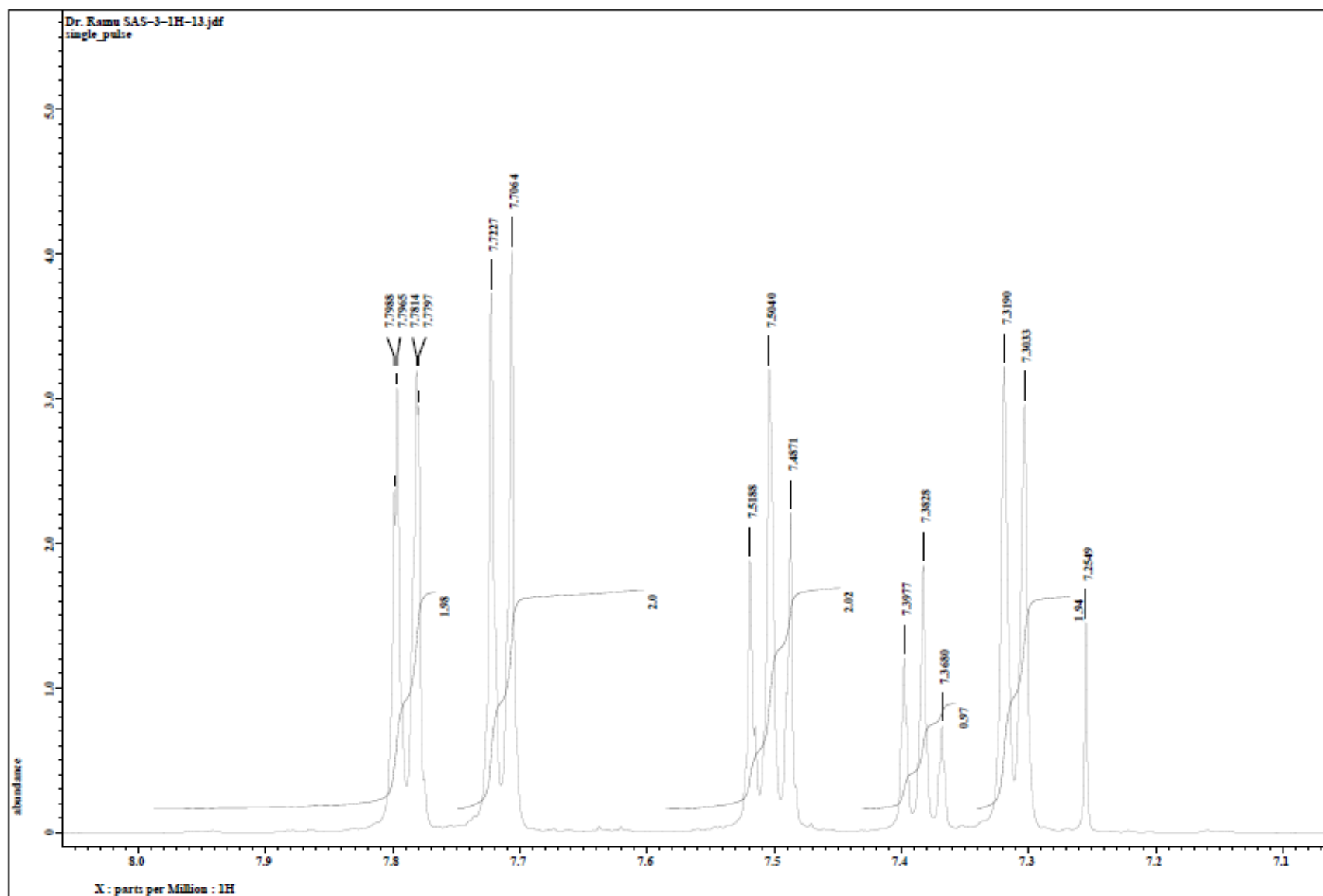
IR spectrum of 4c



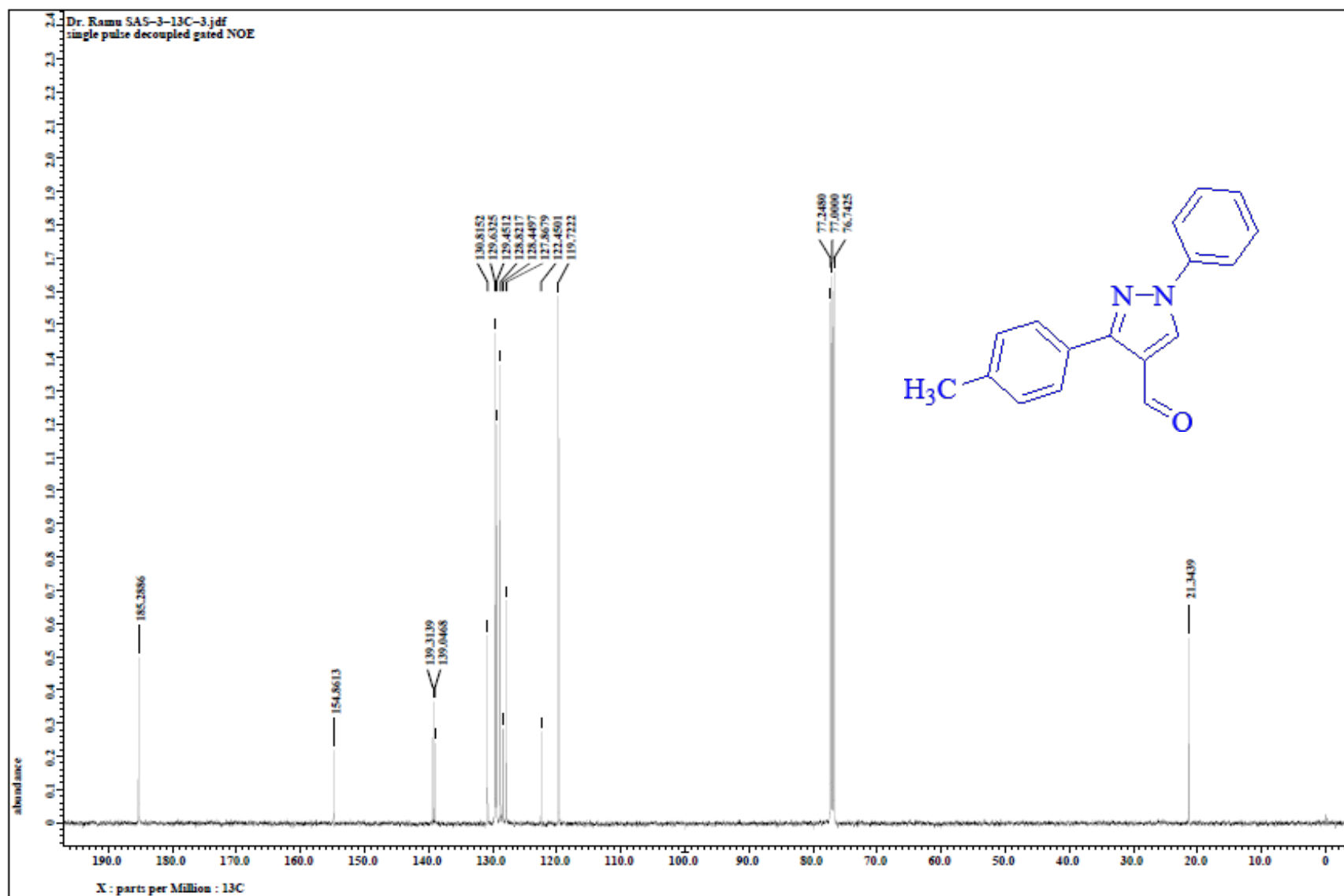
¹H NMR spectrum of 4c- CDCl₃ -500 MHz



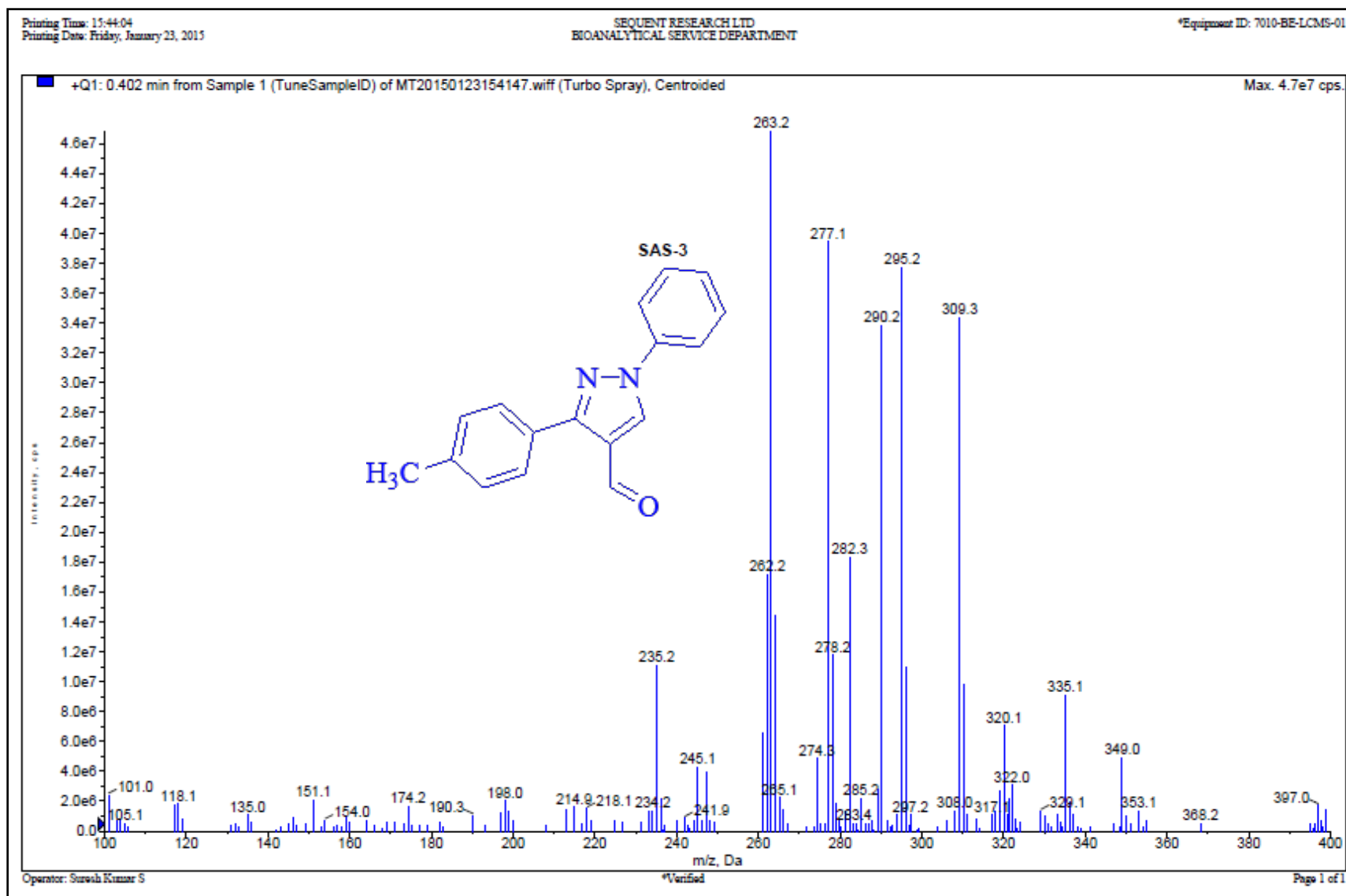
Expanded spectrum of 4c (^1H NMR)



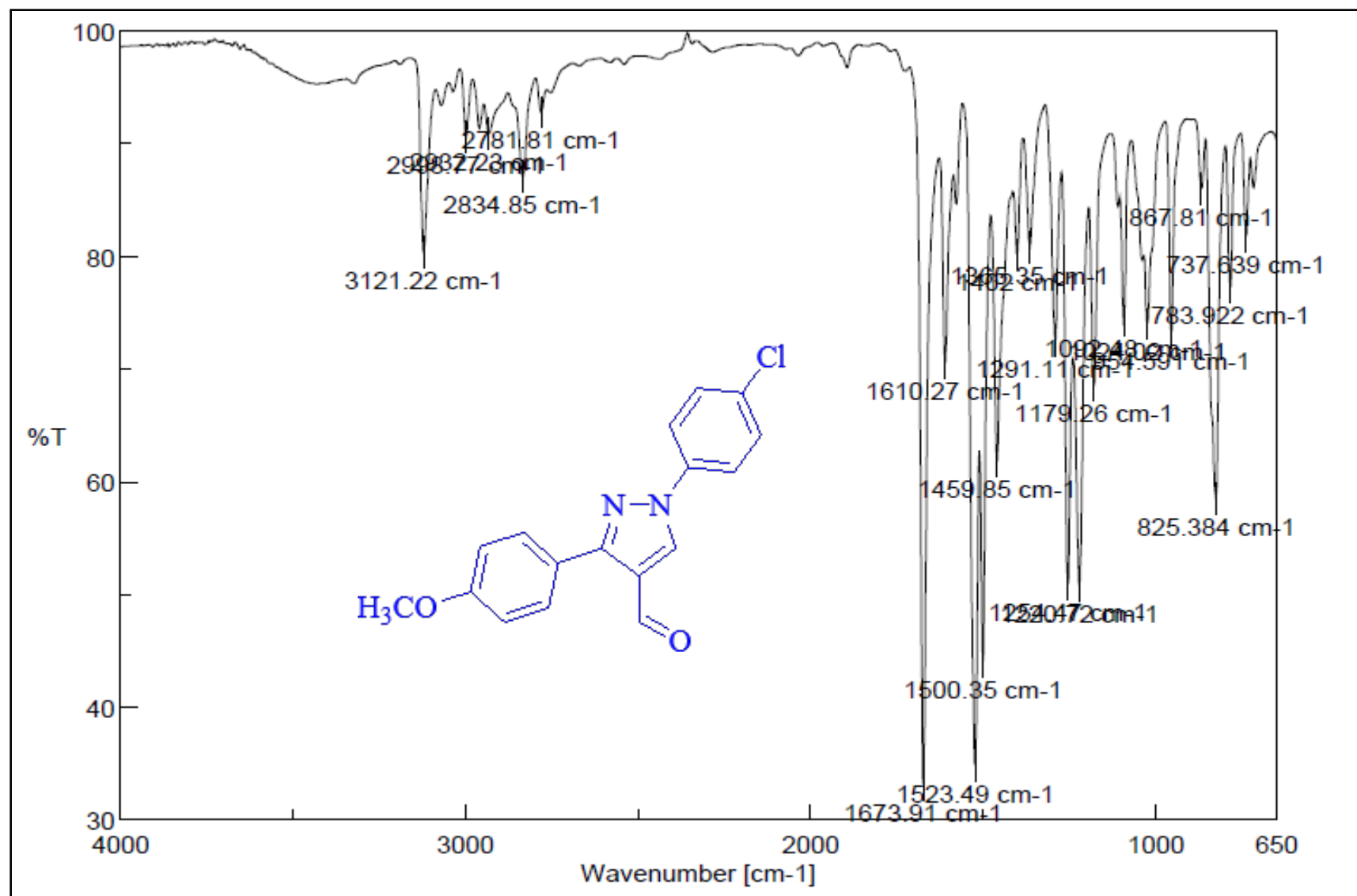
^{13}C NMR spectrum of 4c- CDCl_3 -100 MHz



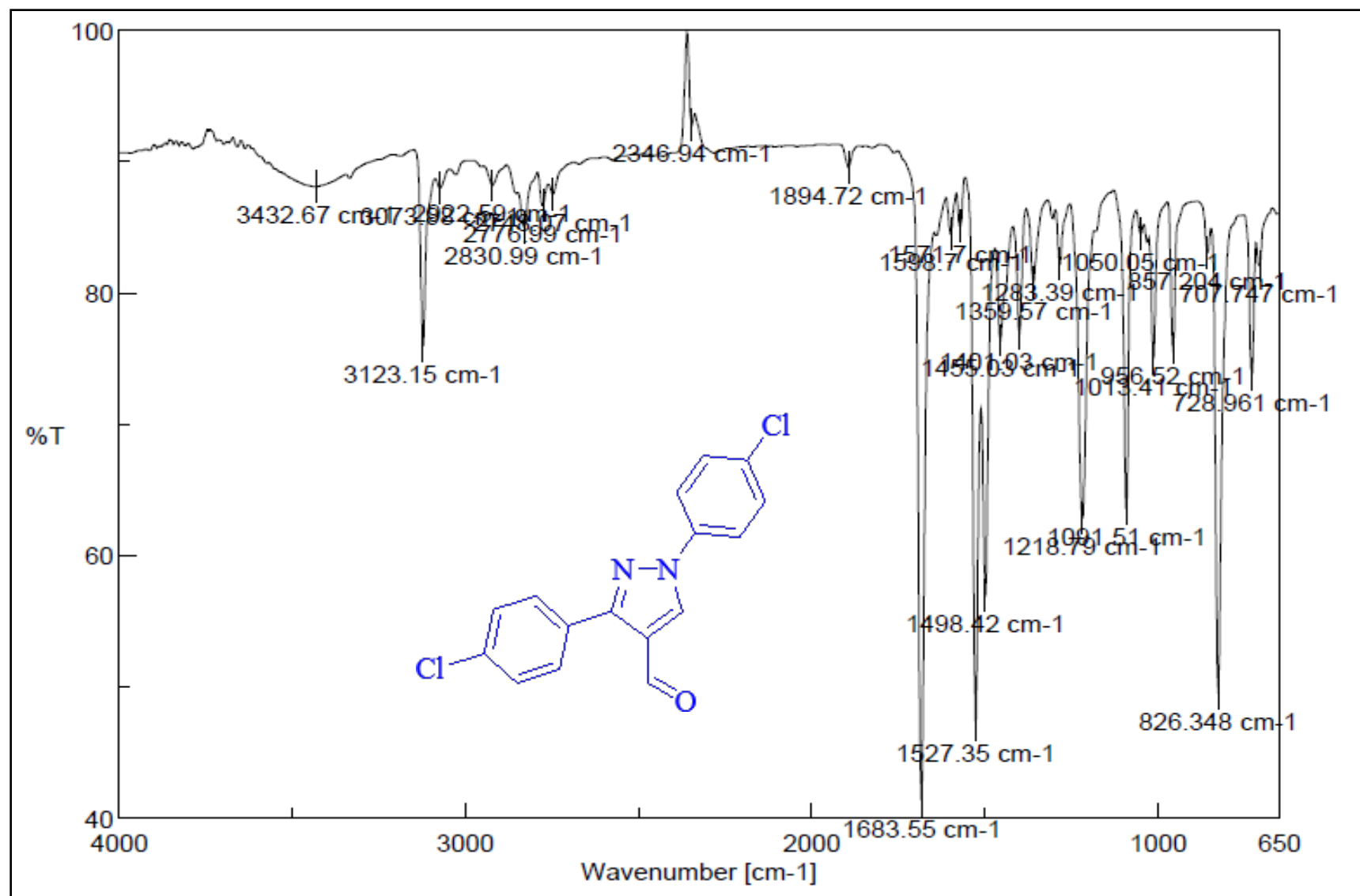
Mass spectrum of 4c



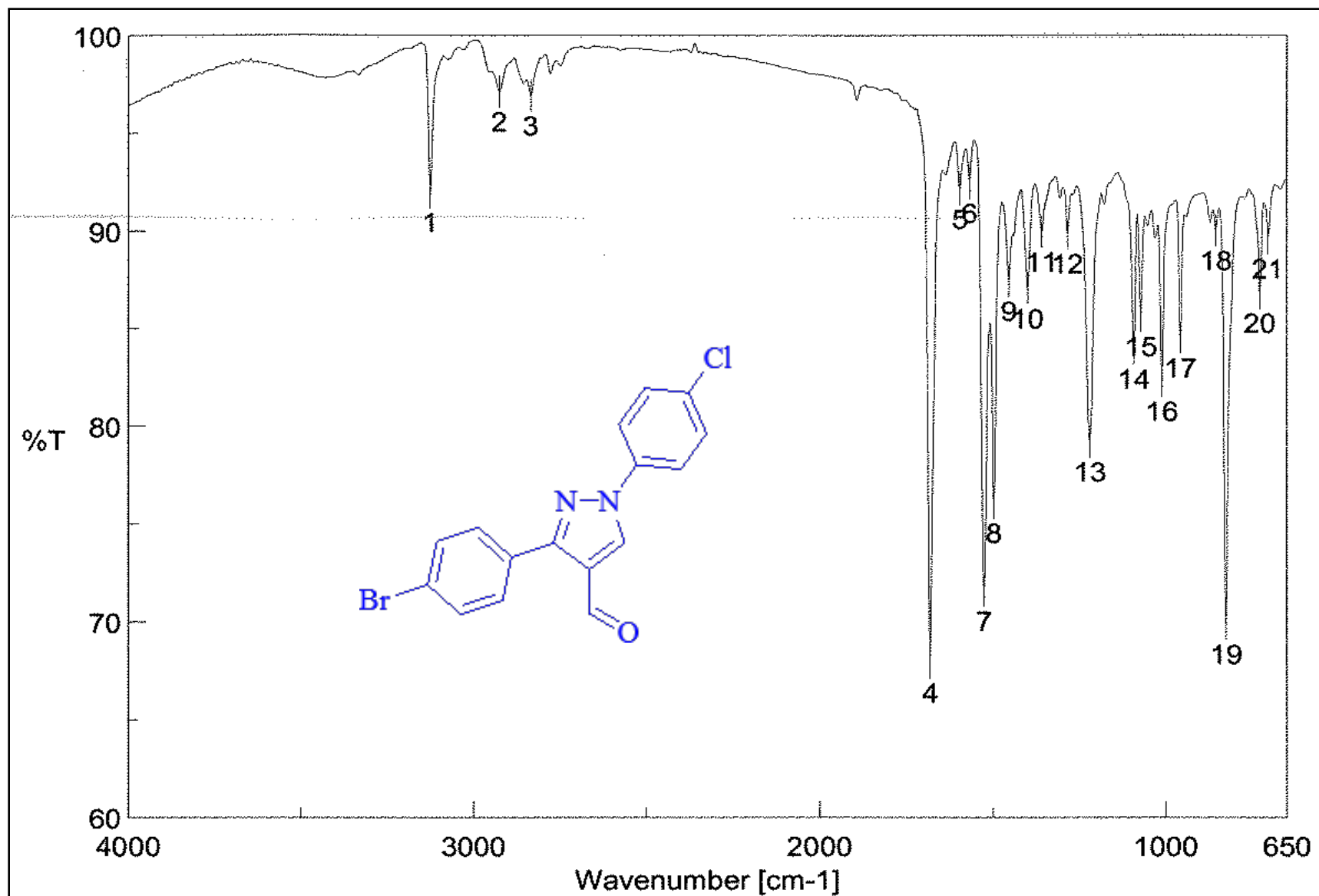
IR spectrum of 4f



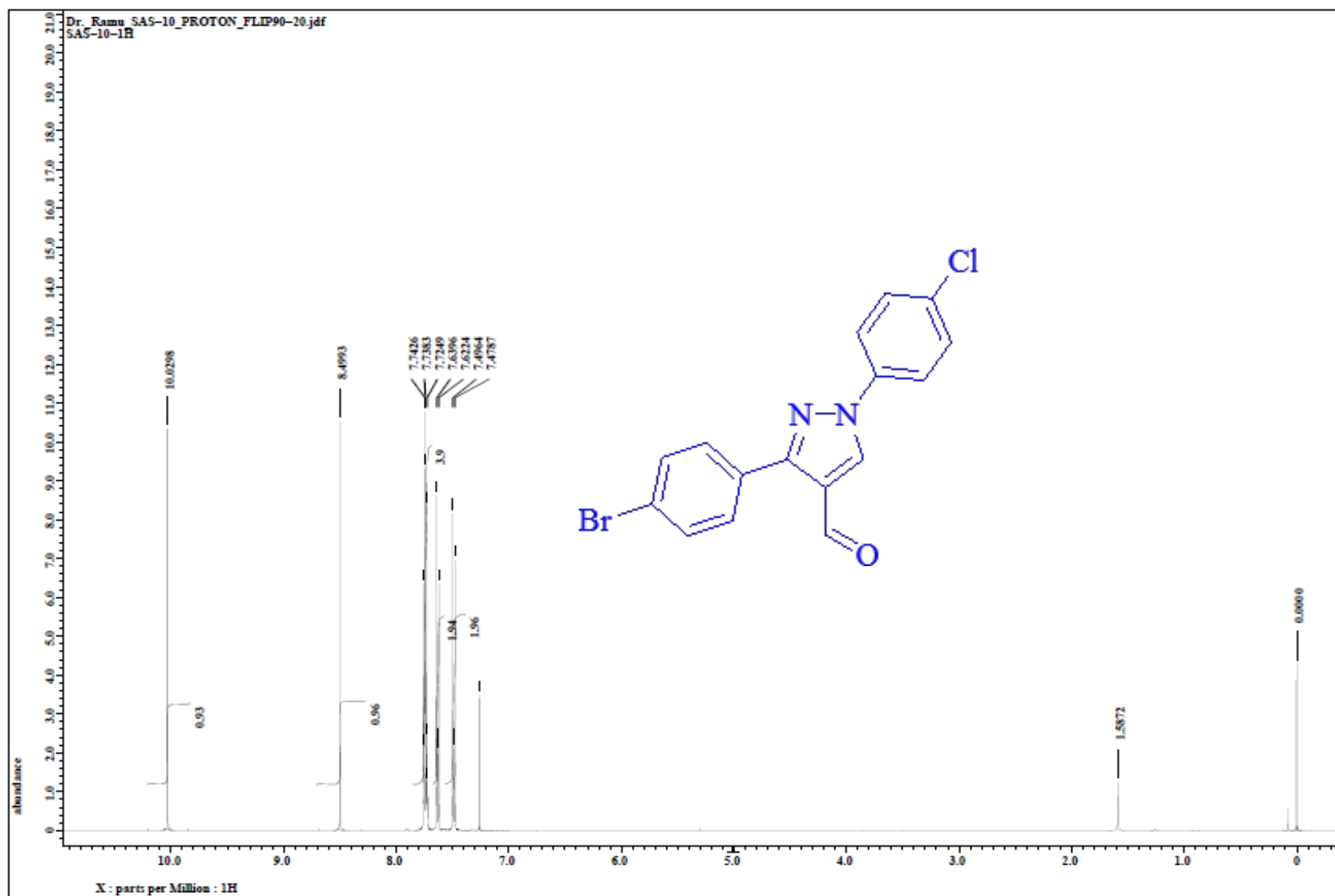
IR spectrum of 4h



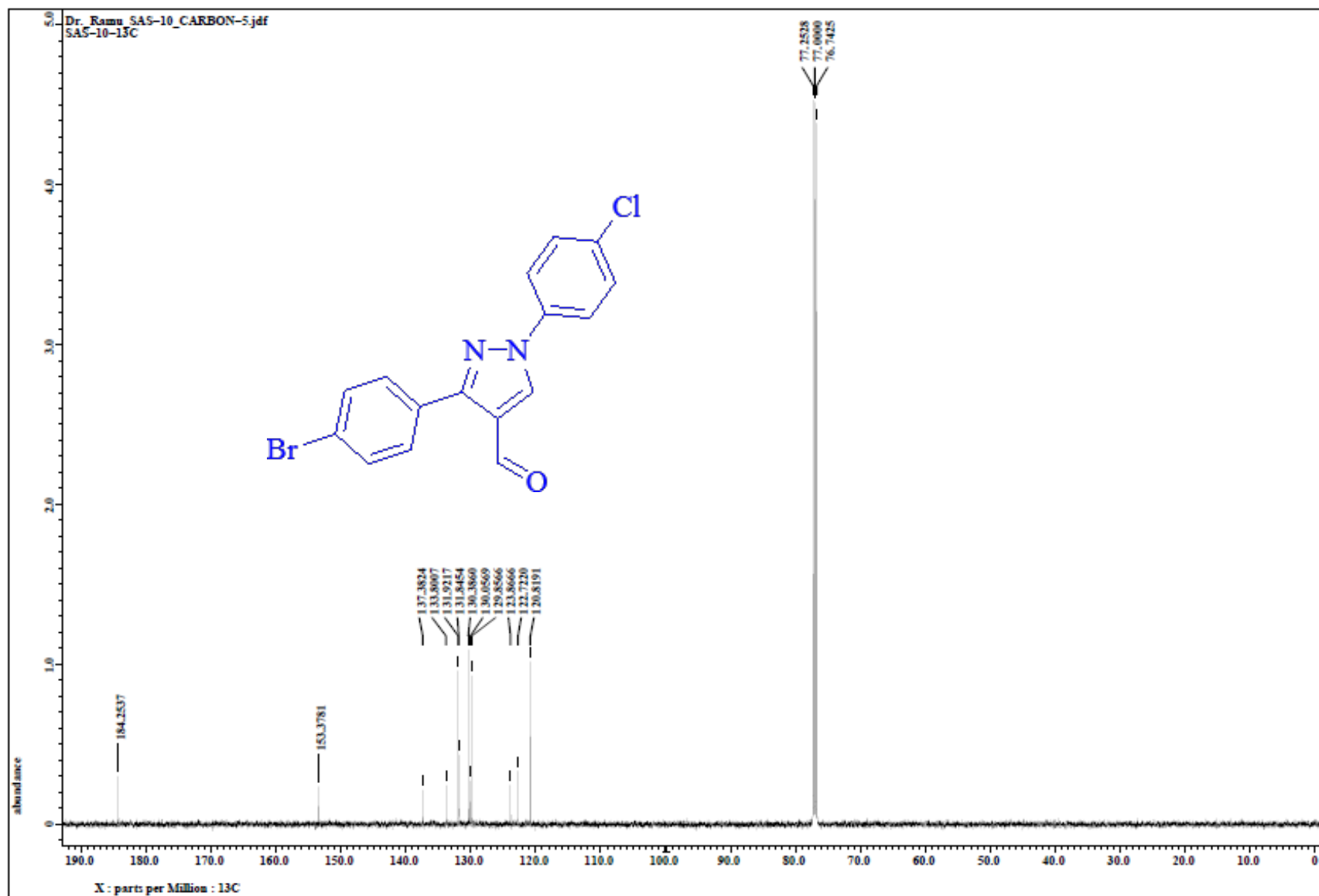
IR spectrum of 4j



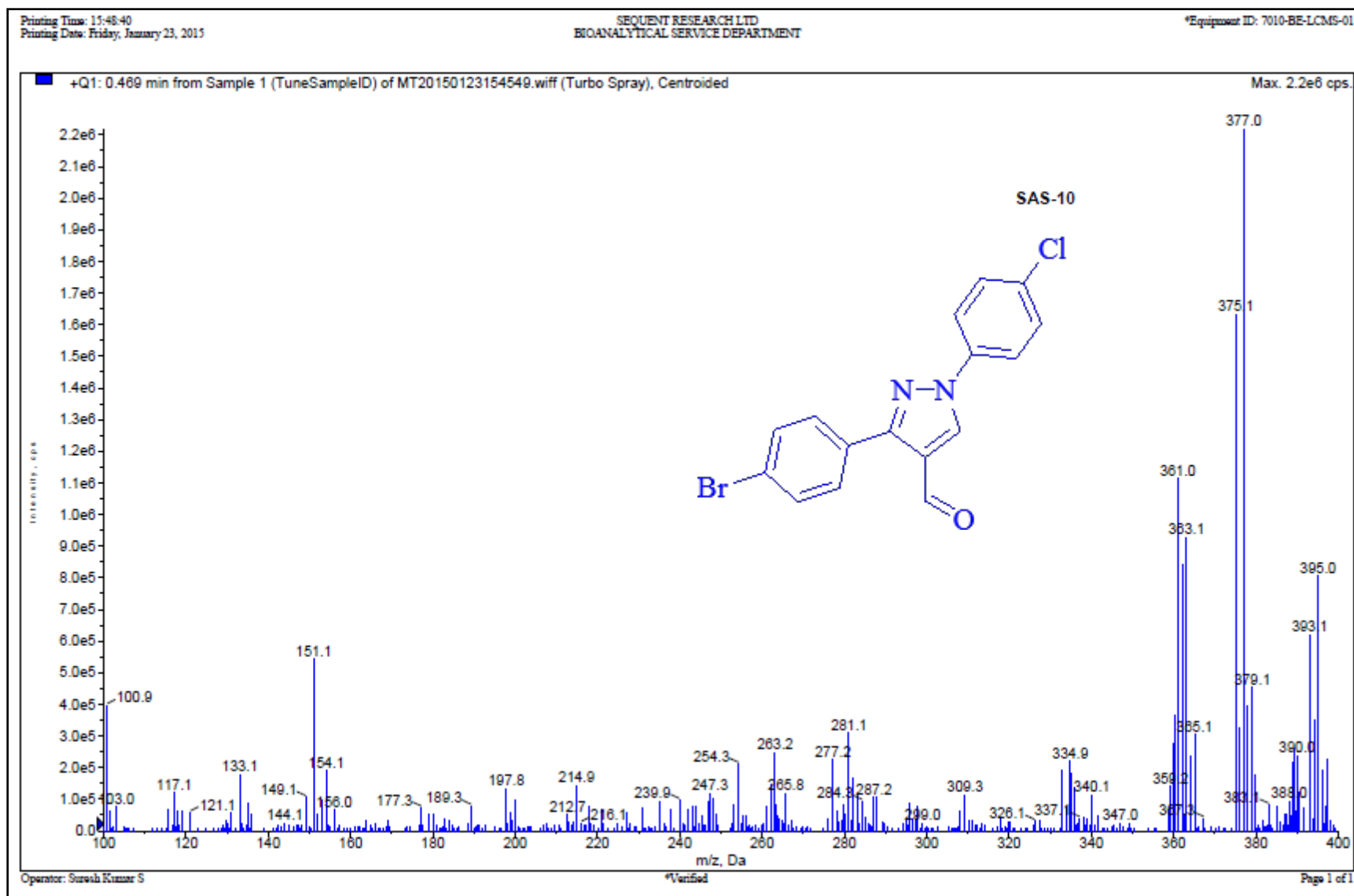
¹H NMR spectrum of 4j- CDCl₃-500 MHz



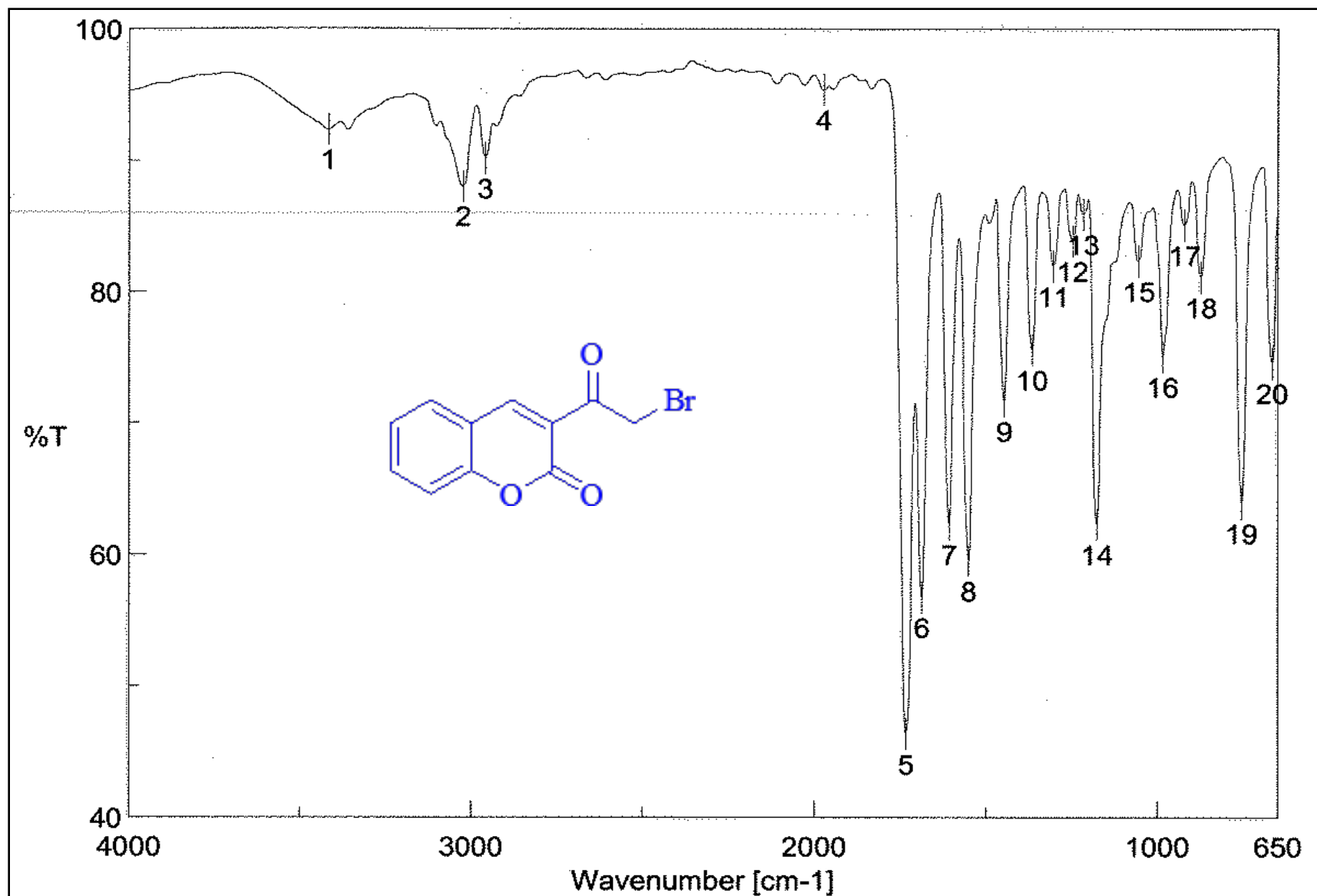
¹³C NMR spectrum of 4j- CDCl₃ -100 MHz



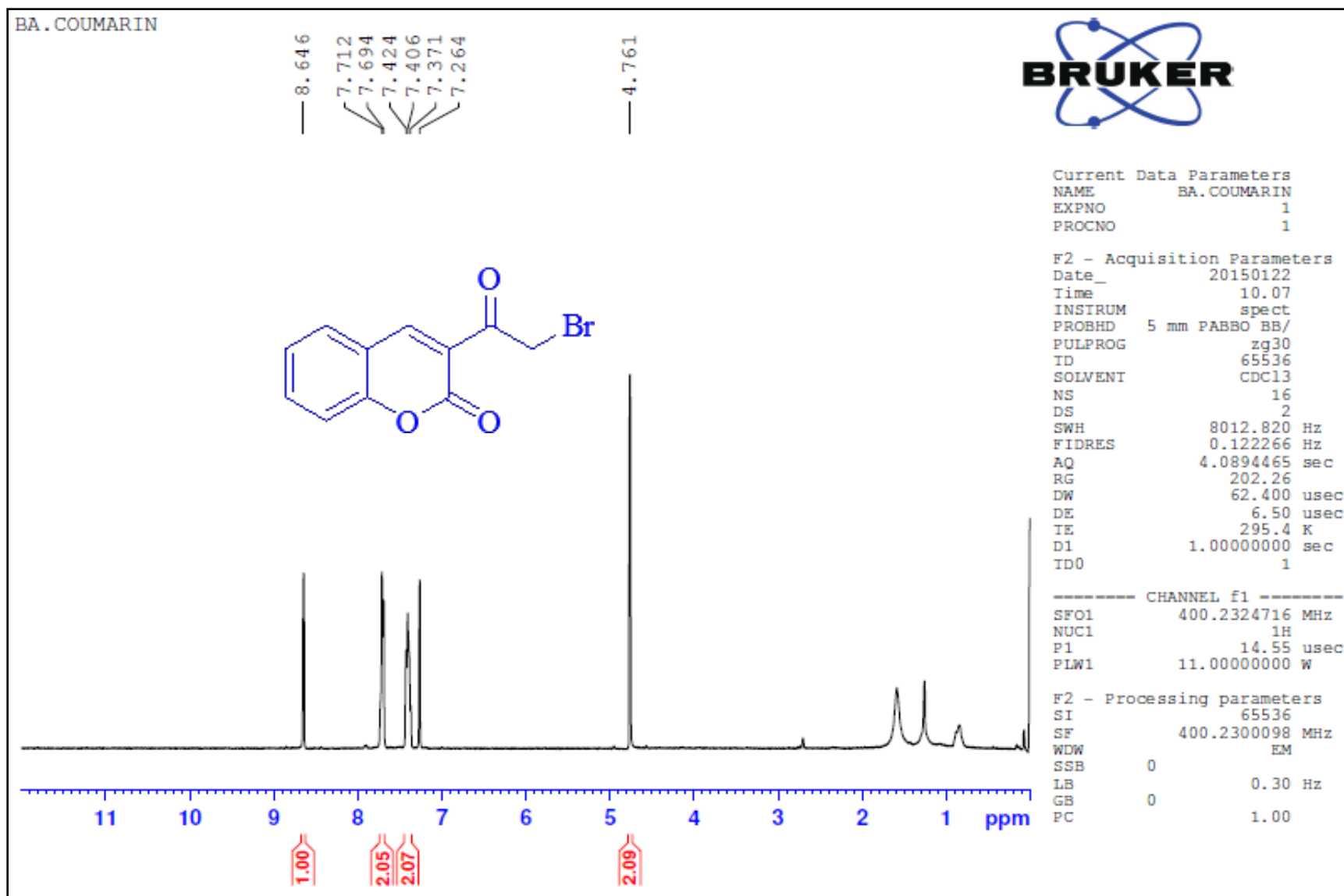
Mass spectrum of 4j



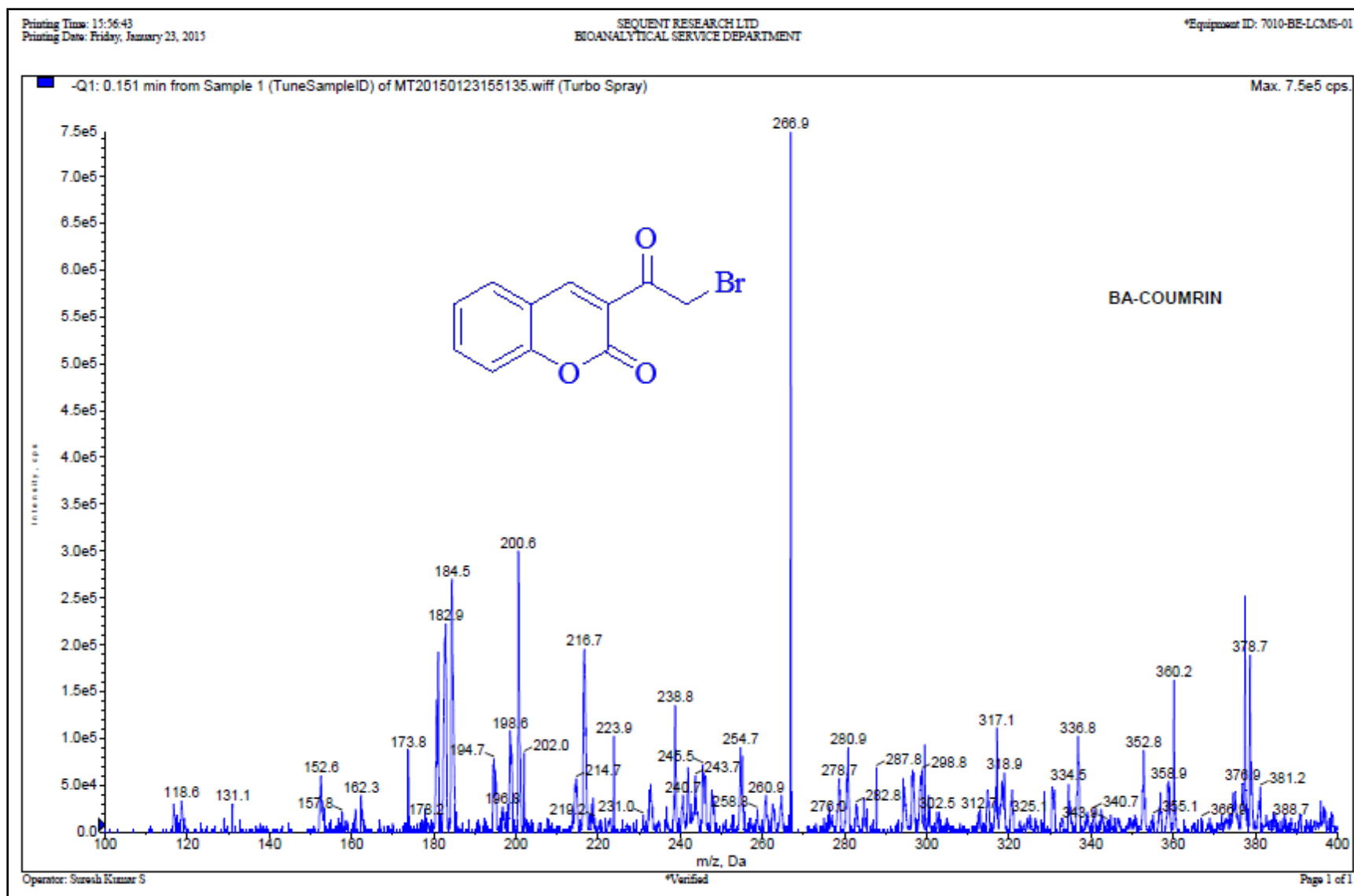
IR spectrum of 8



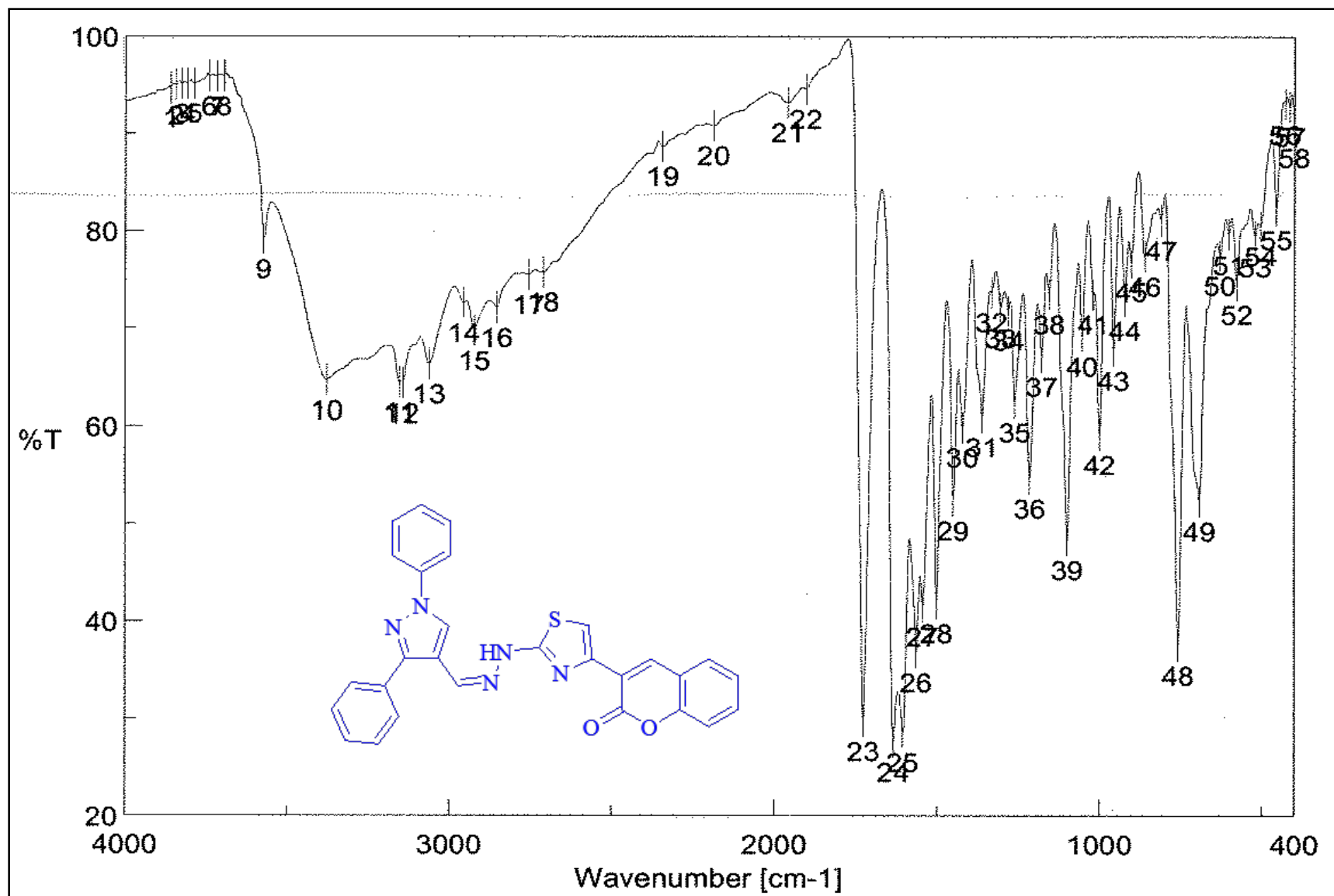
¹H NMR spectrum of 8- CDCl₃ -400 MHz



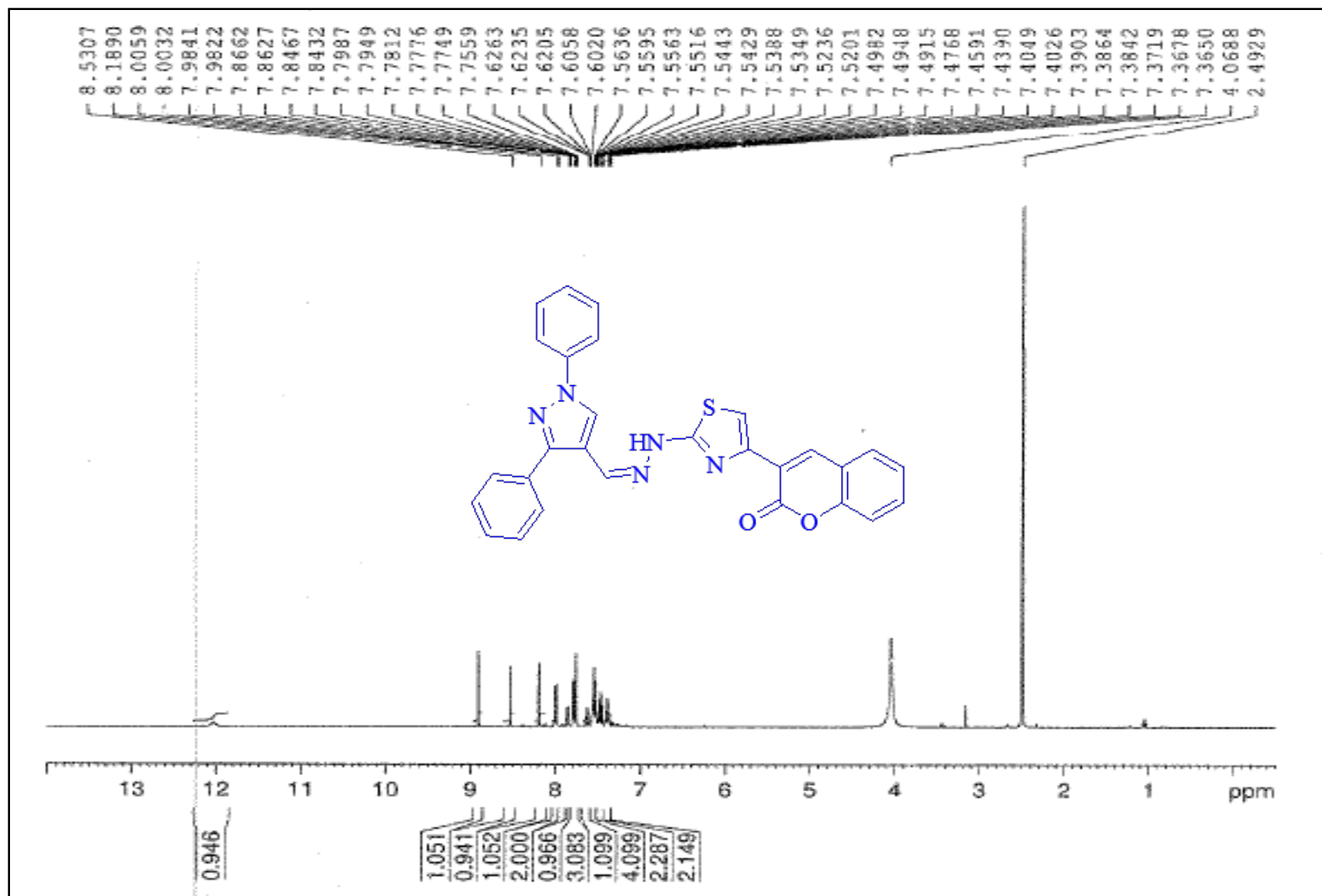
Mass spectrum of 8



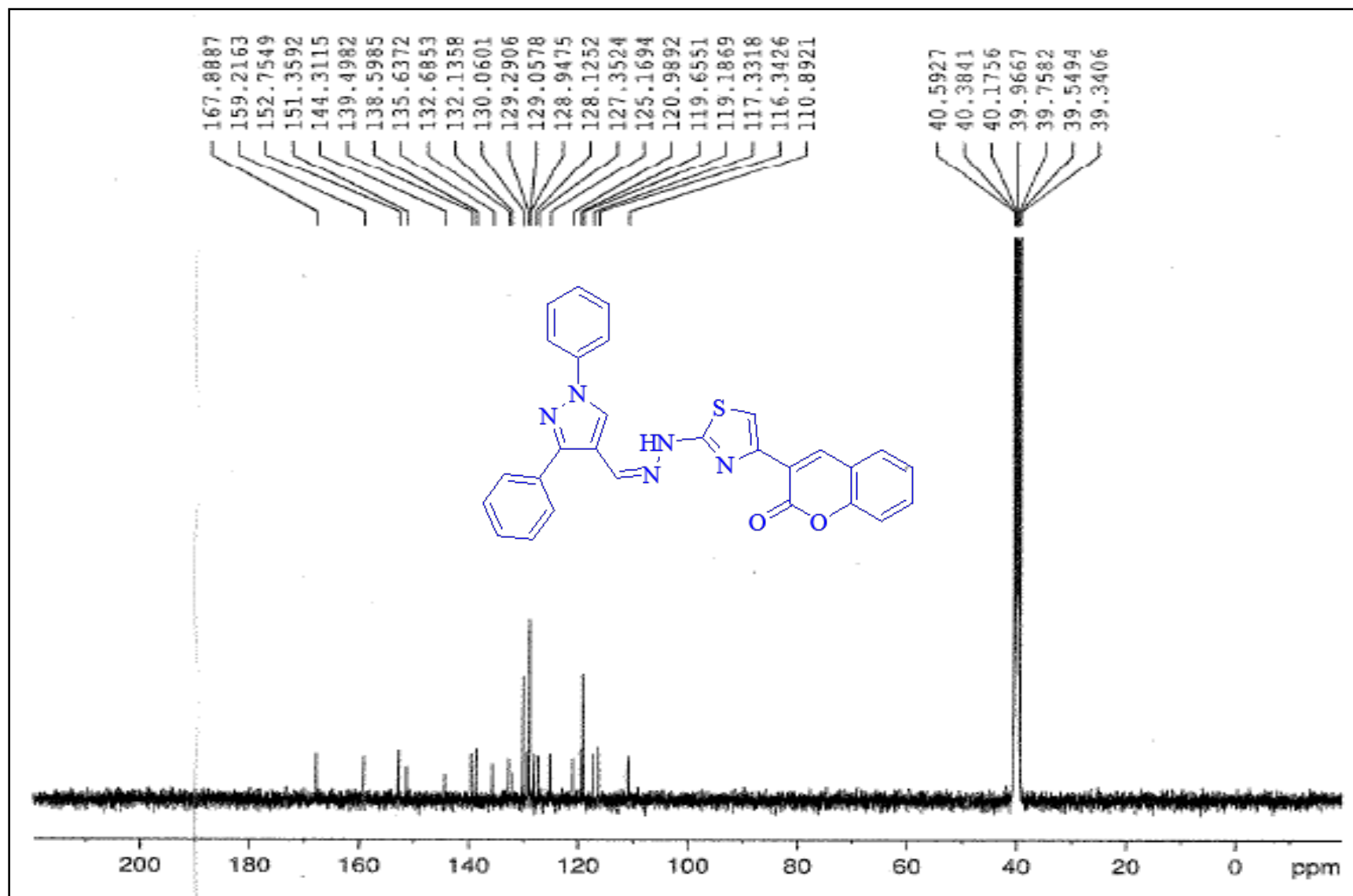
IR spectrum of 10a



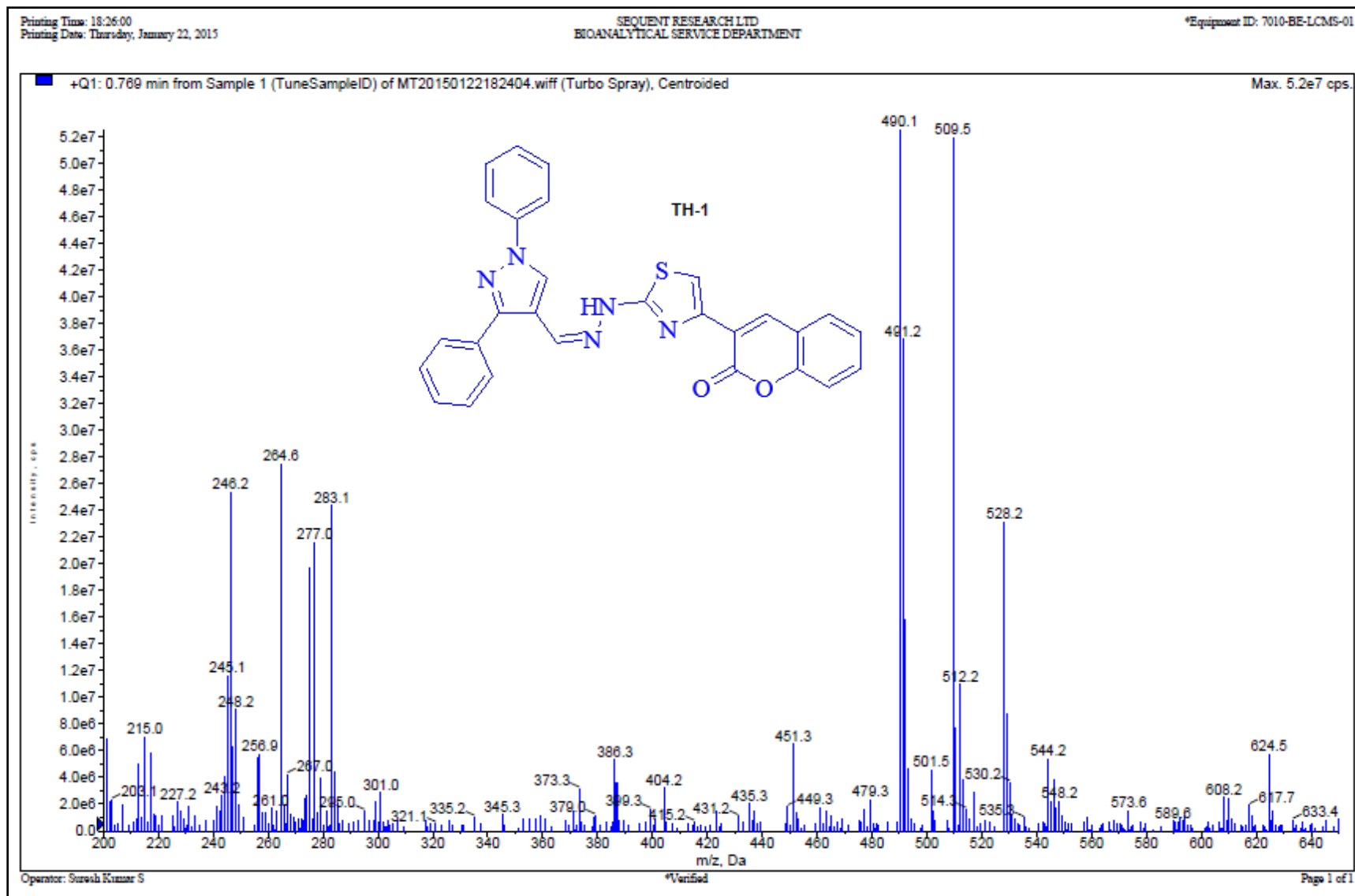
¹H NMR spectrum of 10a-DMSO-d₆-400 MHz



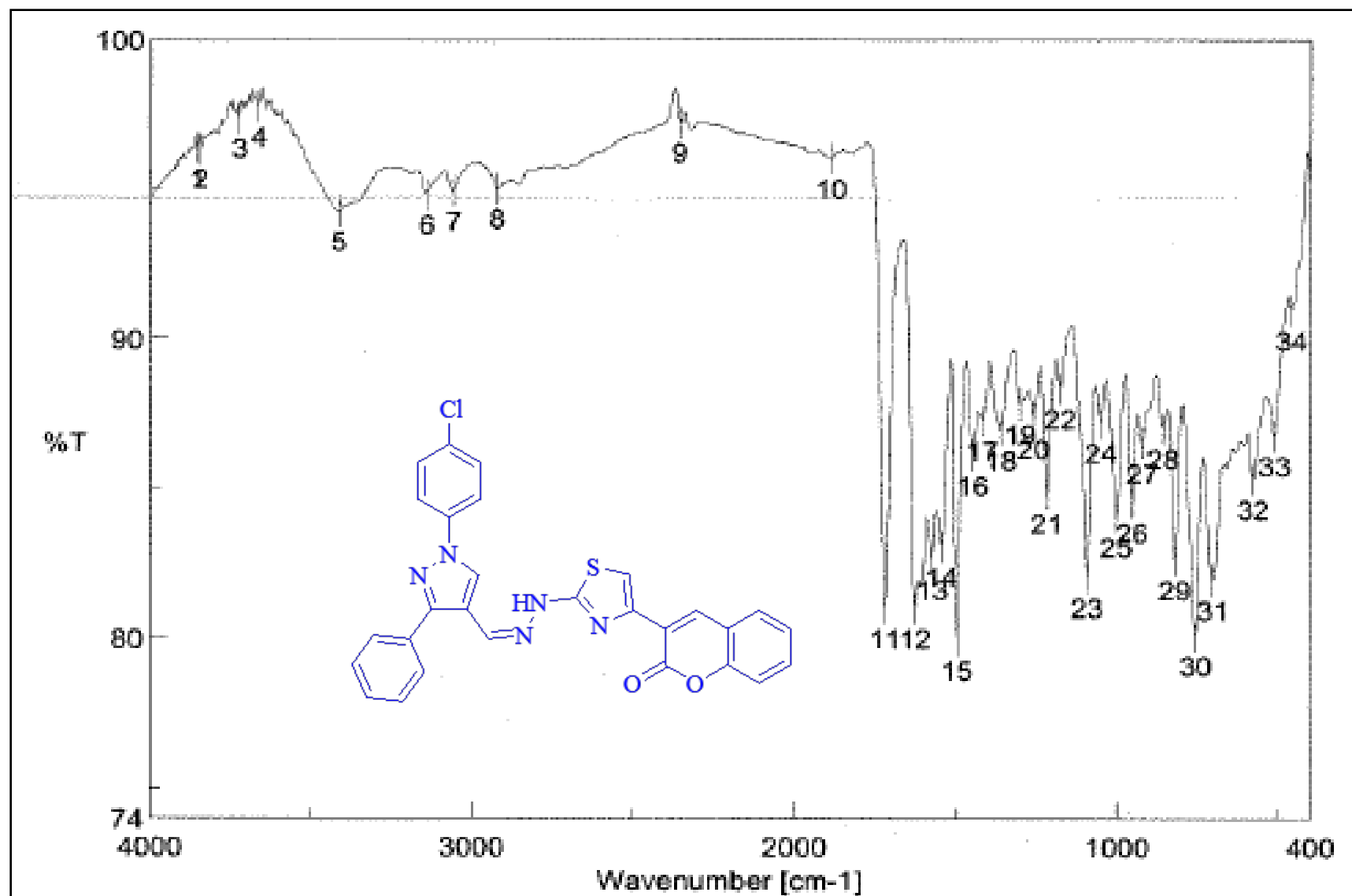
¹³C NMR spectrum of 10a- DMSO-d₆-100 MHz



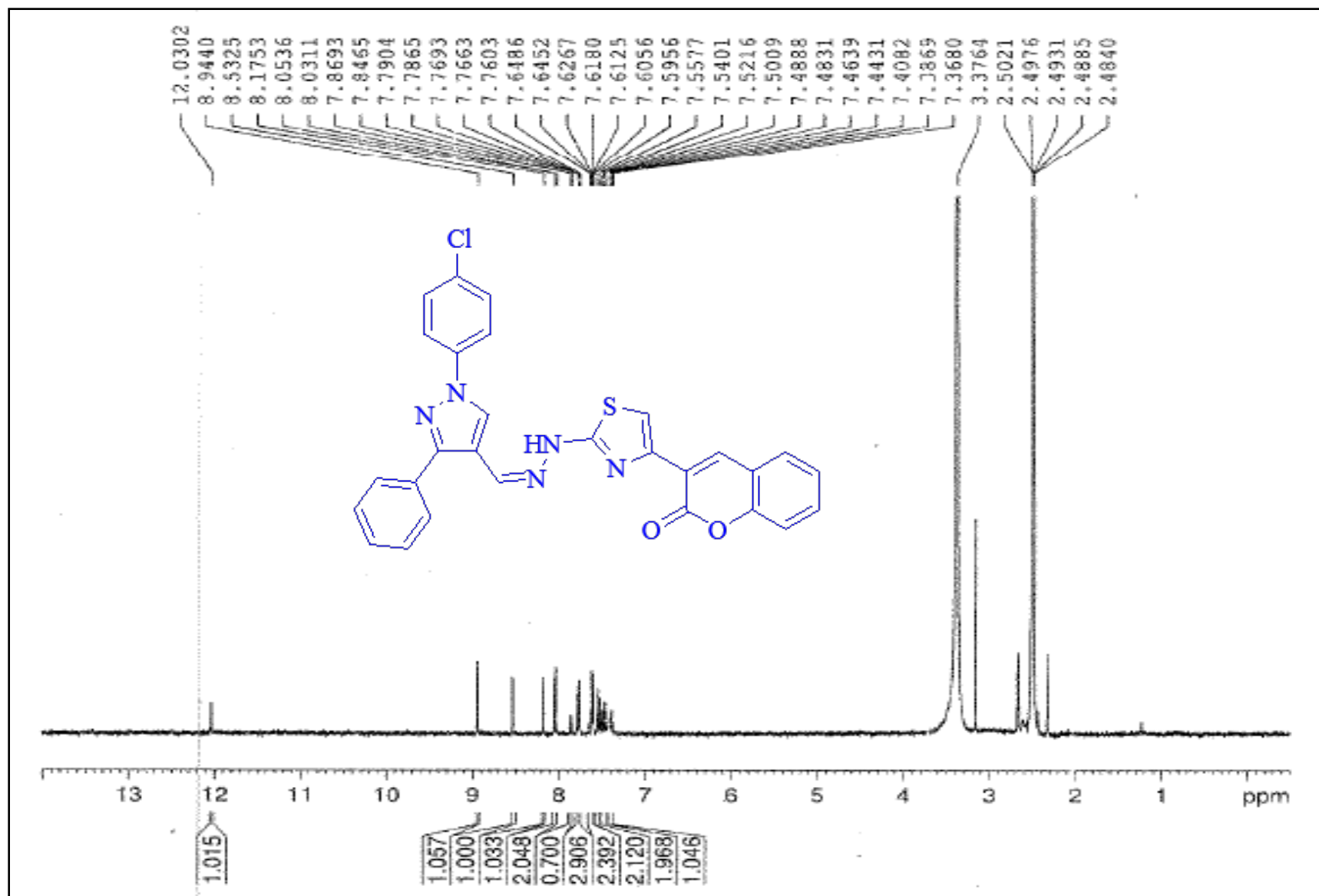
Mass spectrum of 10a



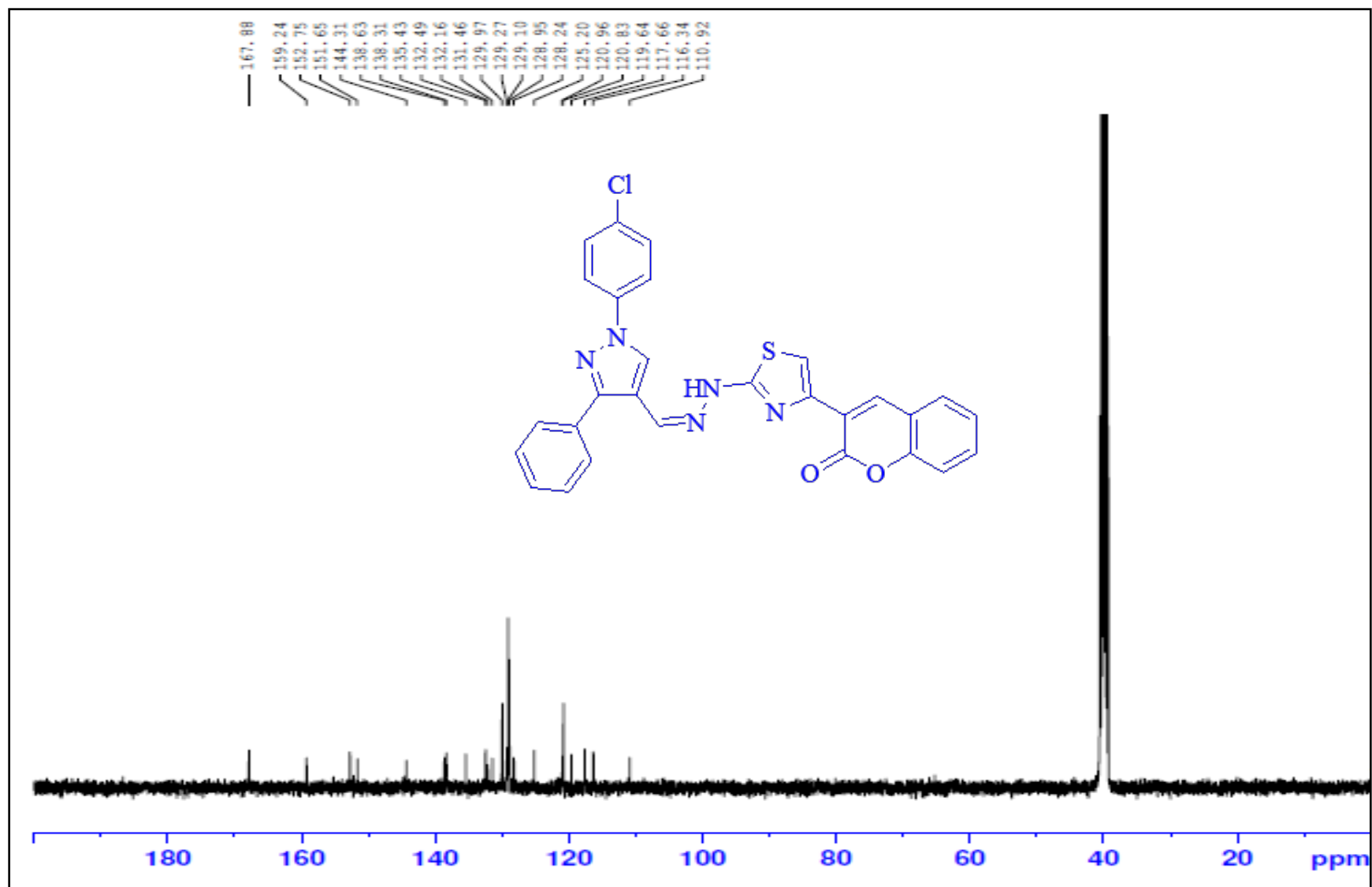
IR spectrum of 10b



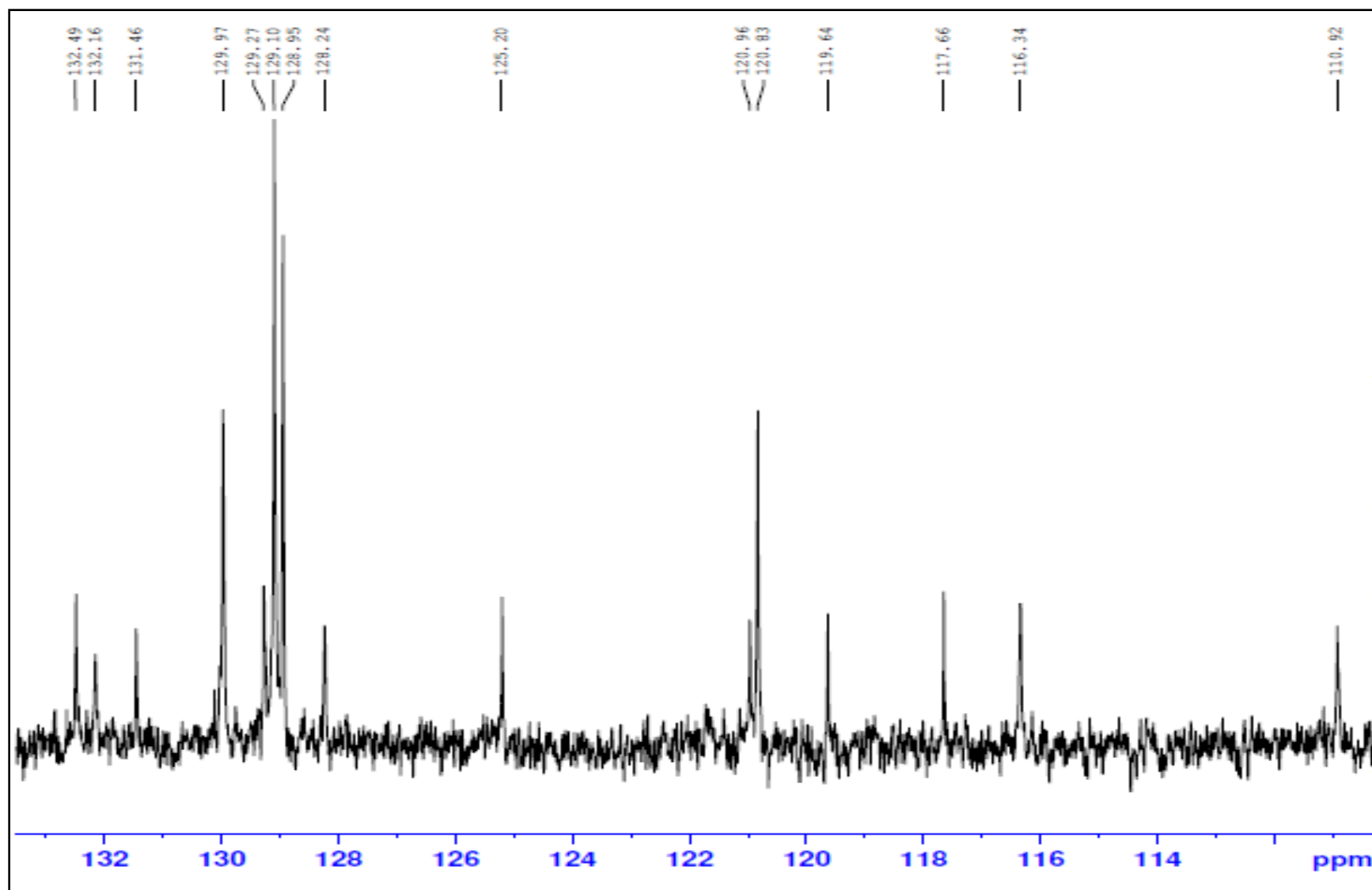
¹H NMR spectrum of 10b-DMSO-d₆-400 MHz



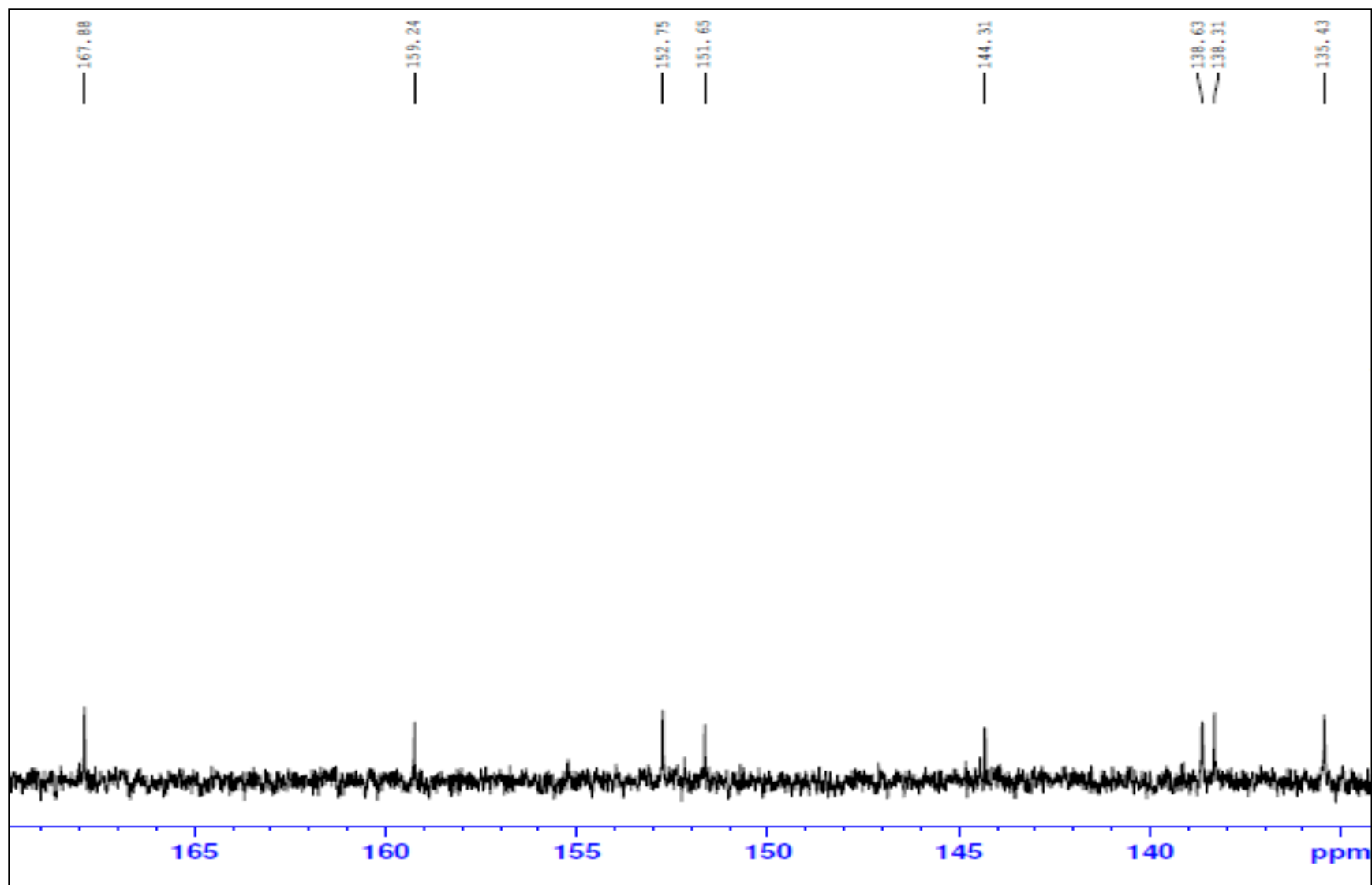
¹³C NMR spectrum of 10b- DMSO-d₆-100 MHz



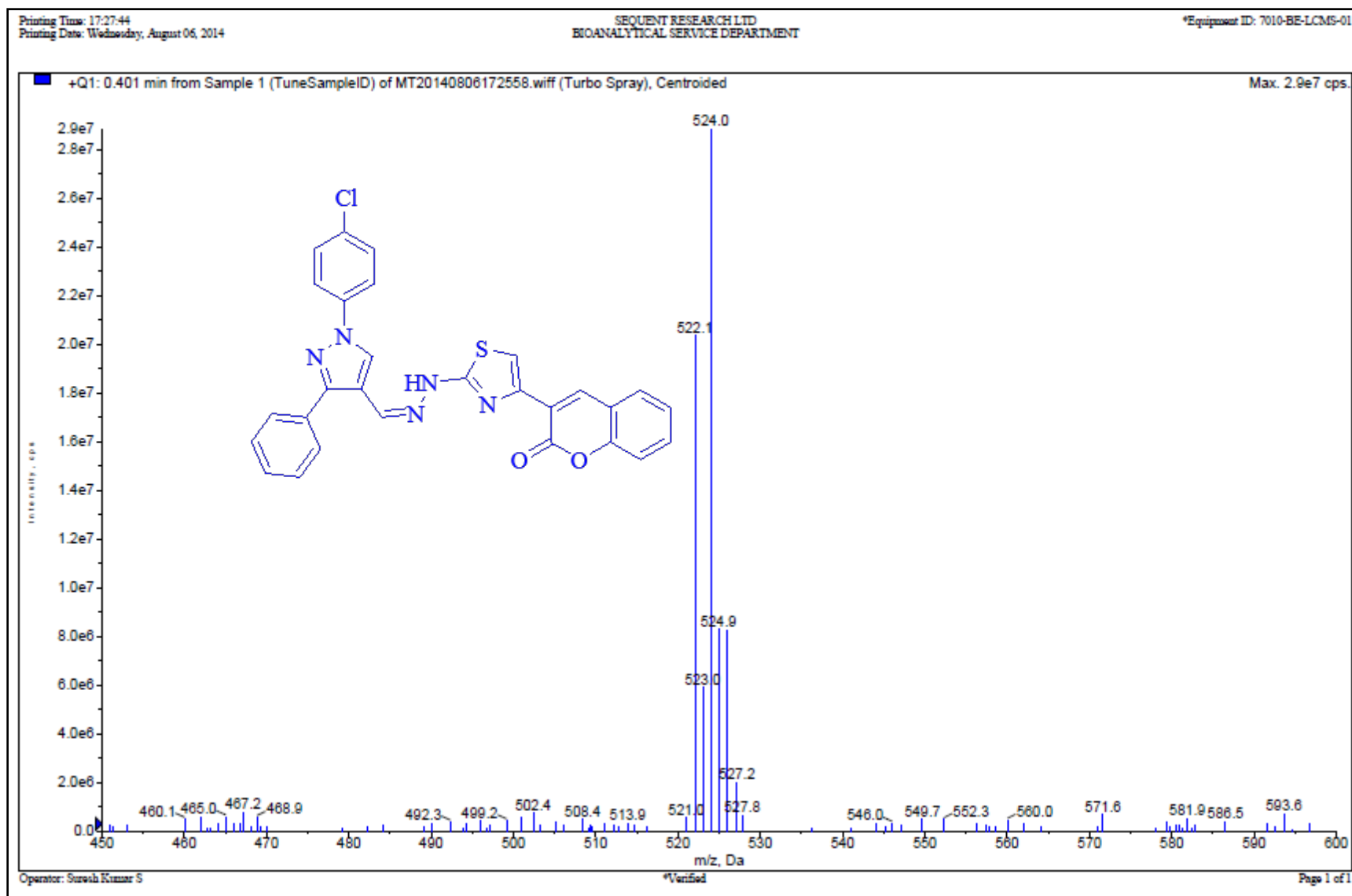
Expanded spectrum of 10b (^{13}C NMR)



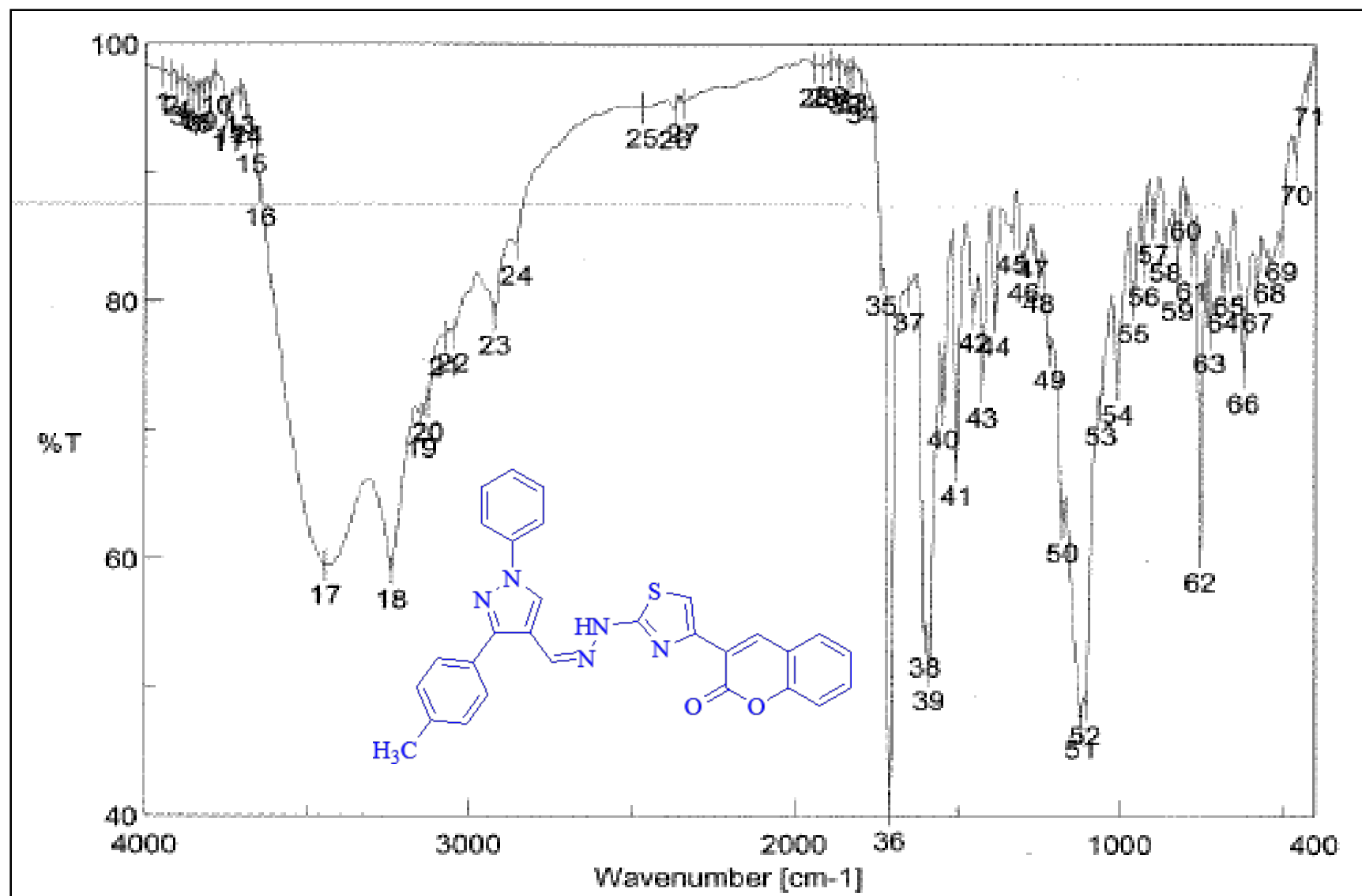
Expanded spectrum of 10b (^{13}C NMR)



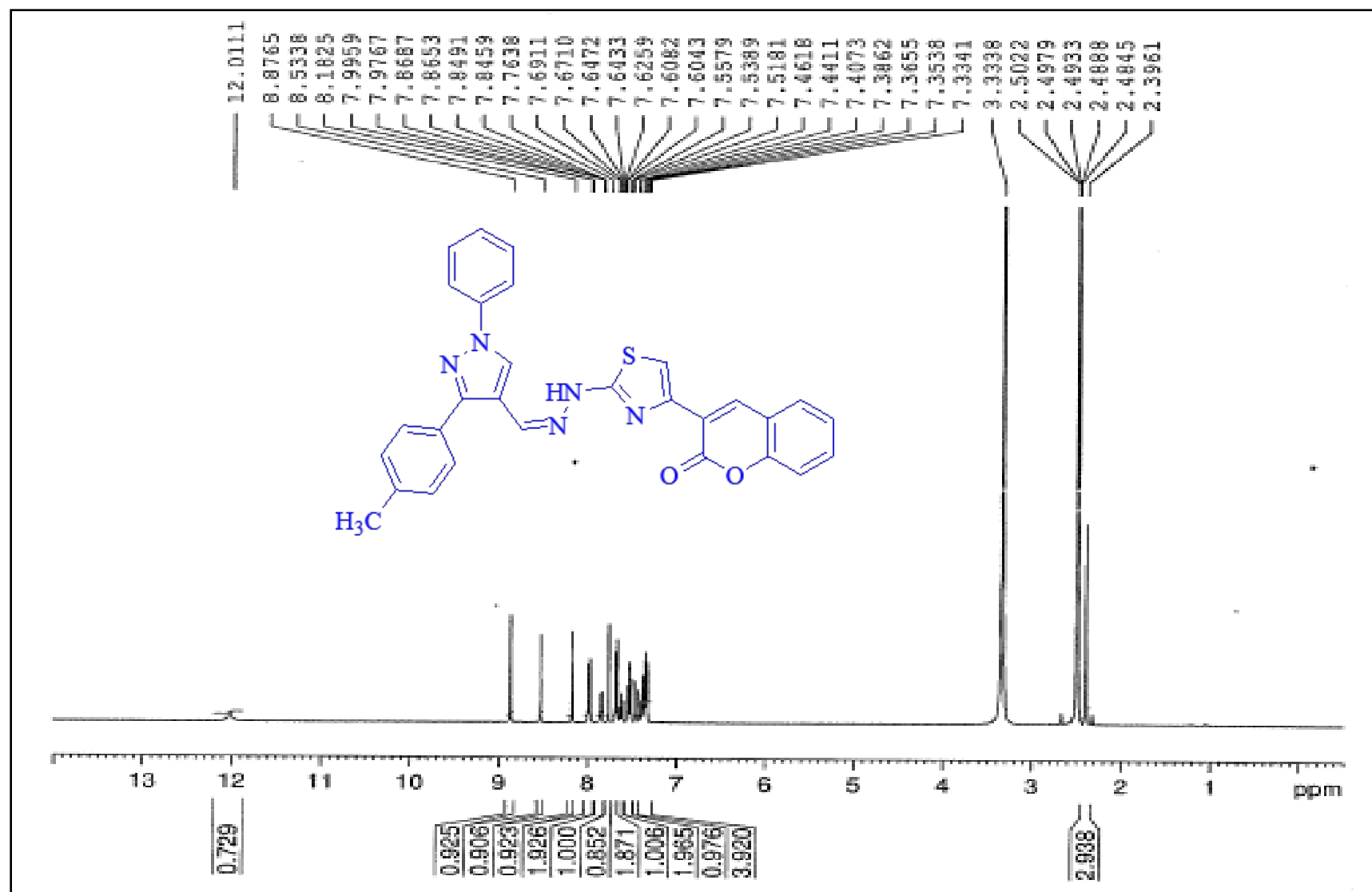
Mass spectrum of 10b



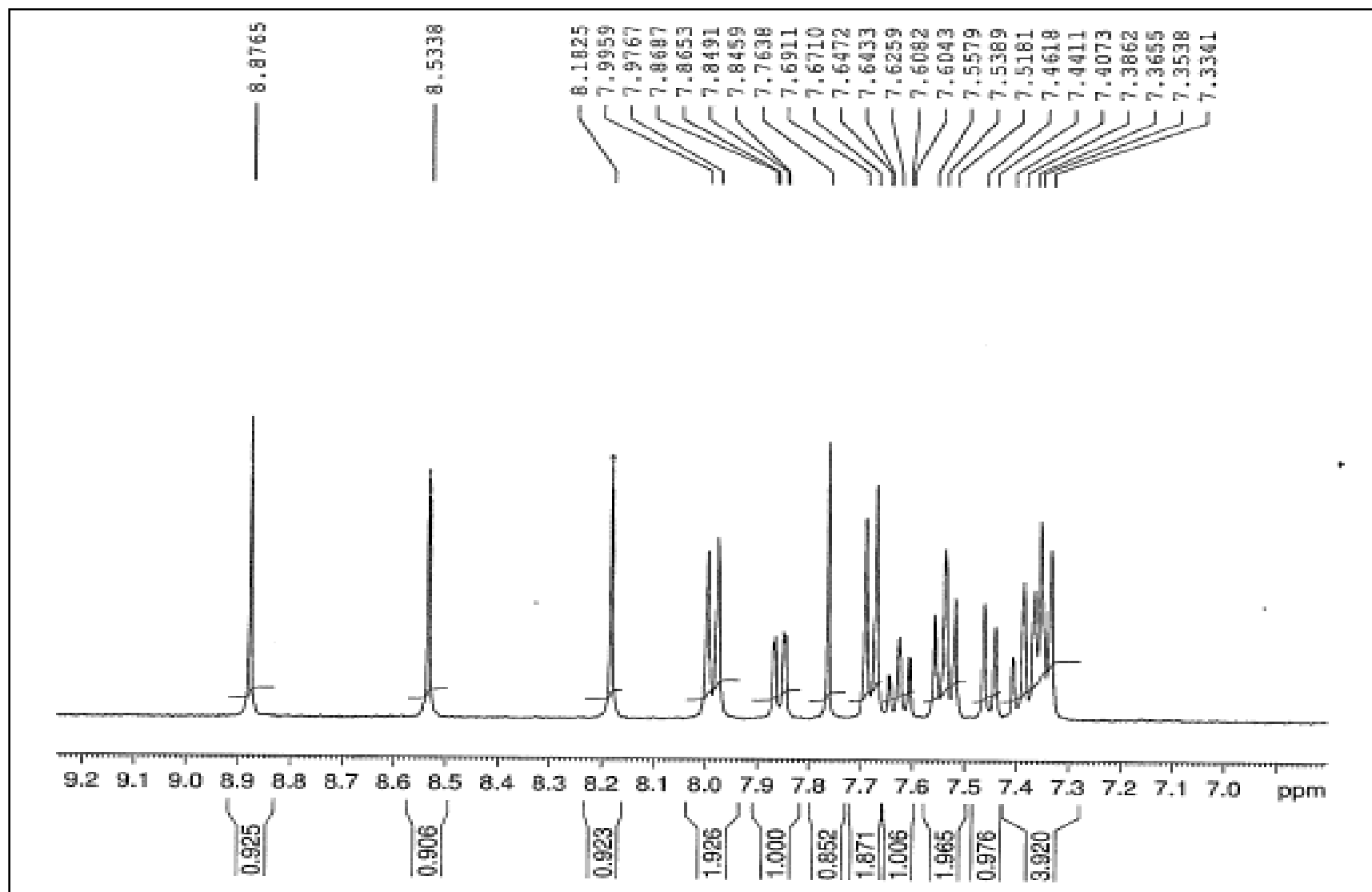
IR spectrum of 10c



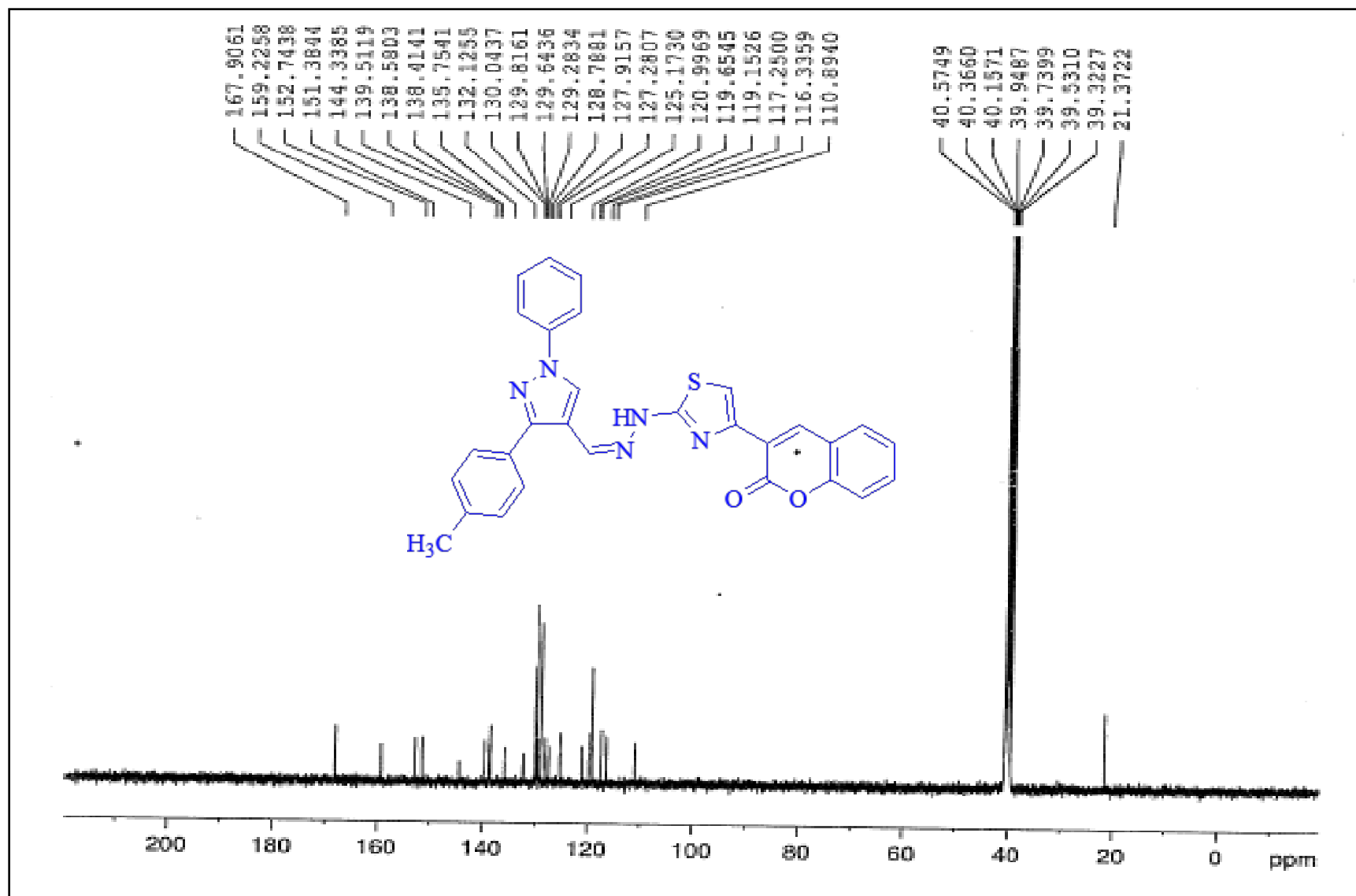
¹H NMR spectrum of 10c-DMSO-d₆-400 MHz



Expanded spectrum of 10c (^1H NMR)



¹³C NMR spectrum of 10c- DMSO-d₆-100 MHz

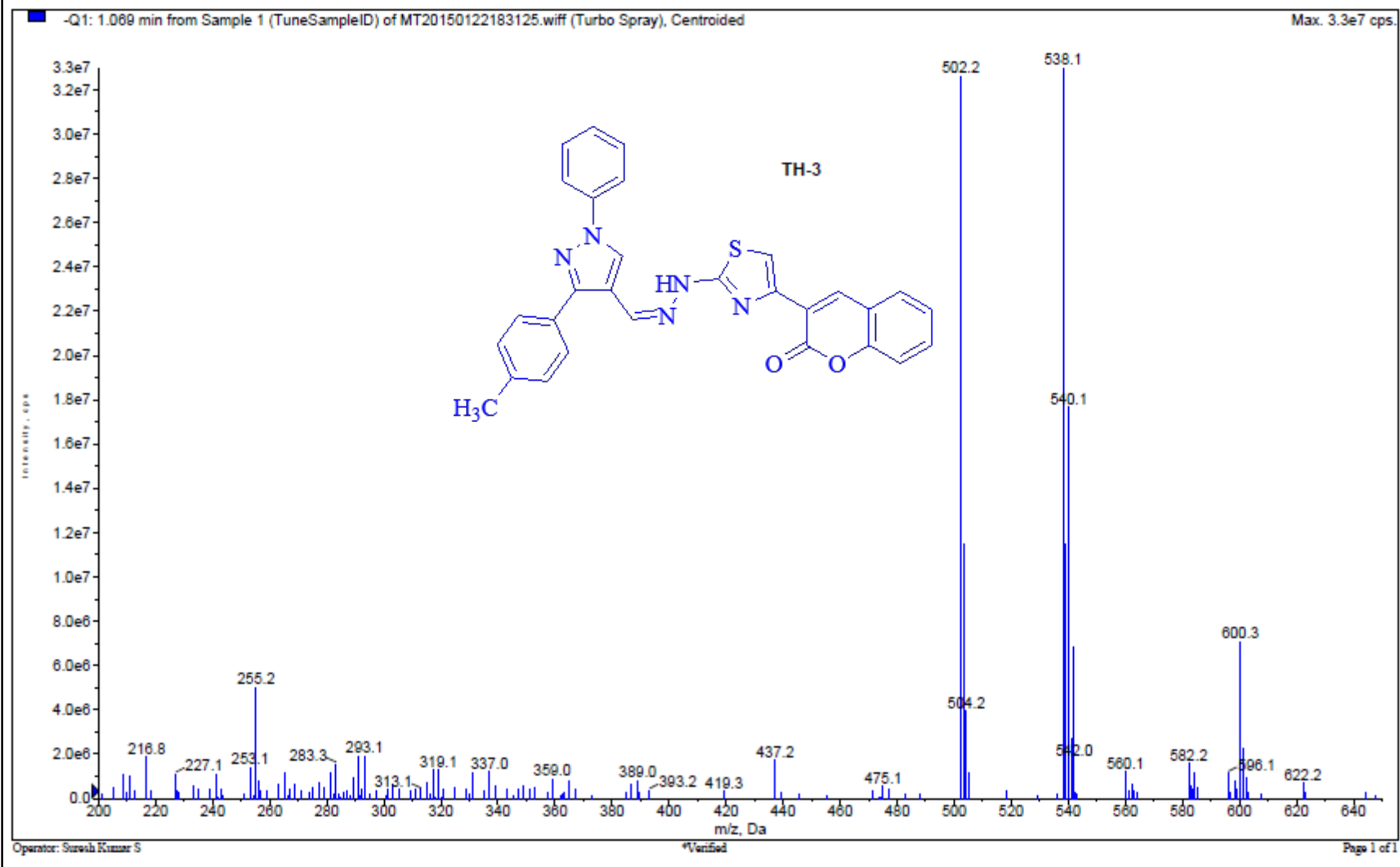


Mass spectrum of 10c

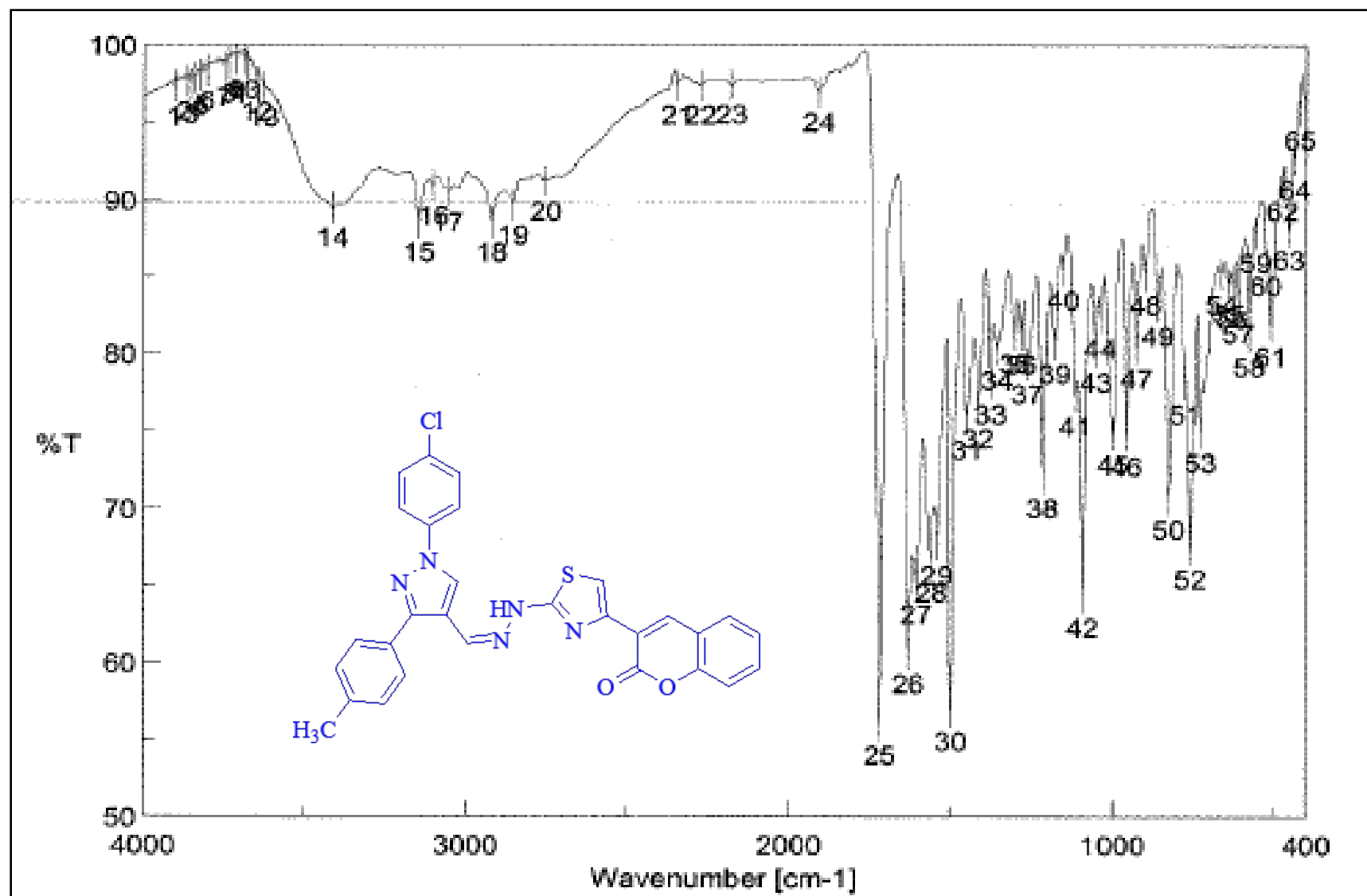
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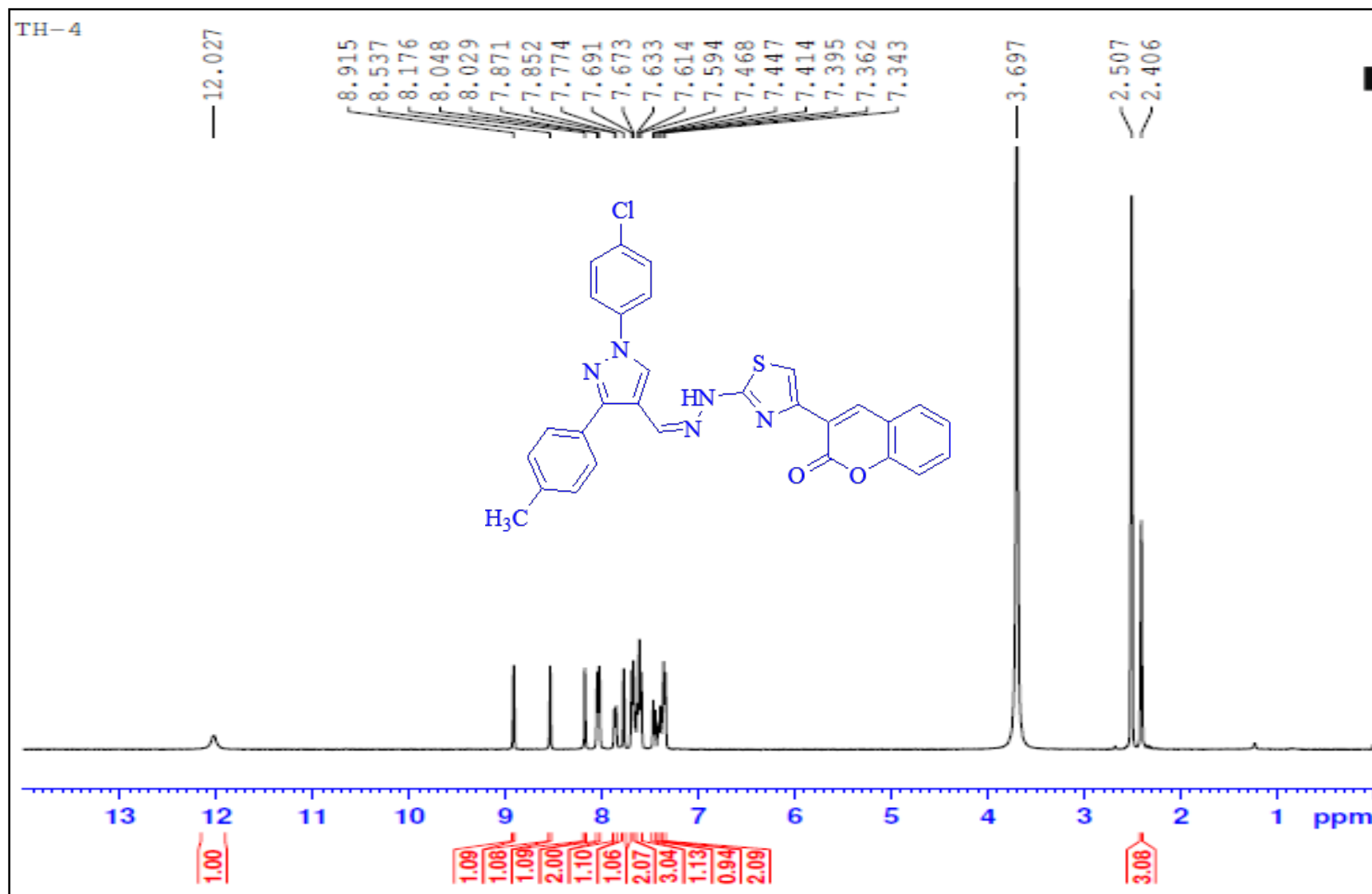
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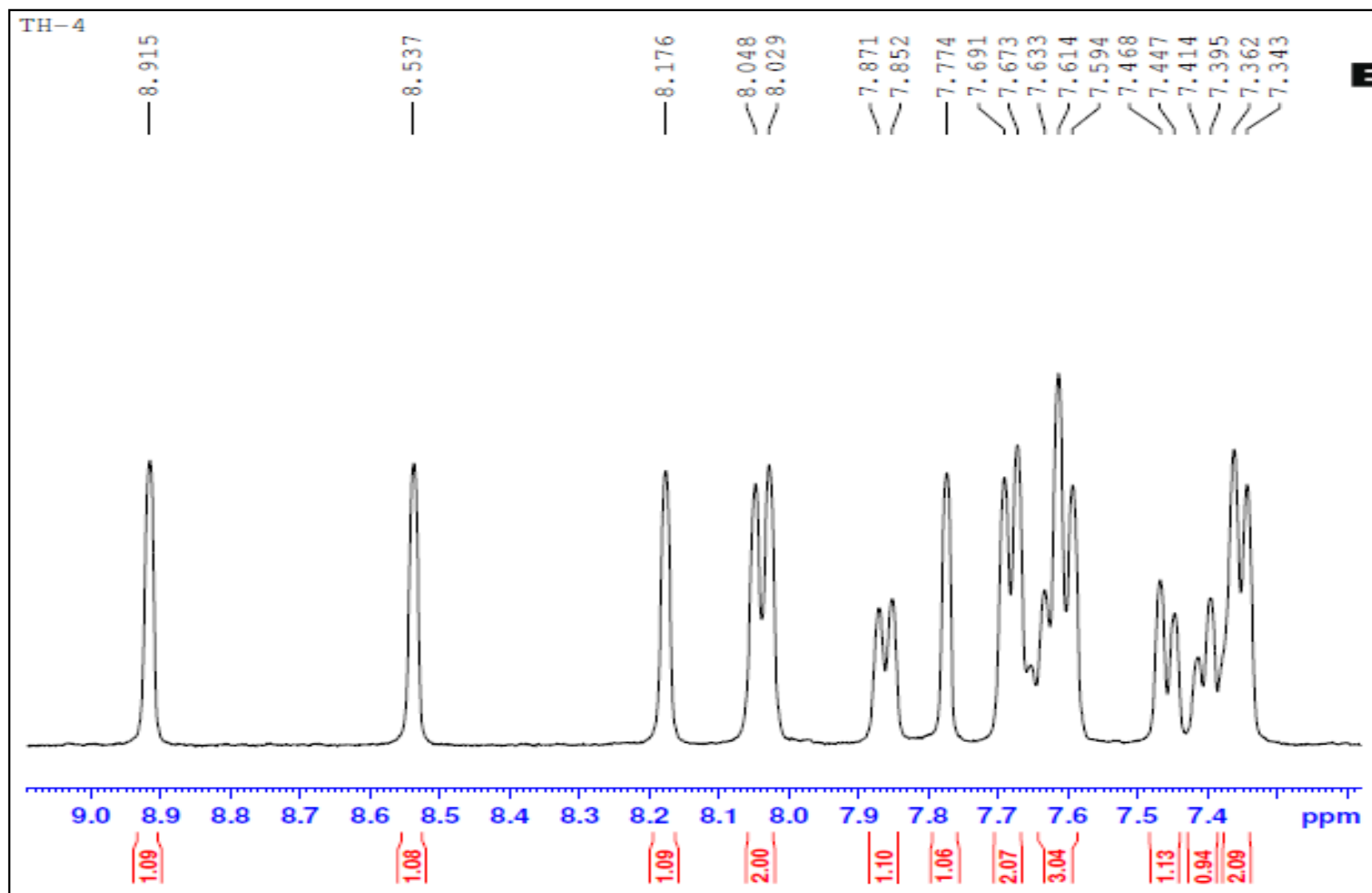
IR spectrum of 10d



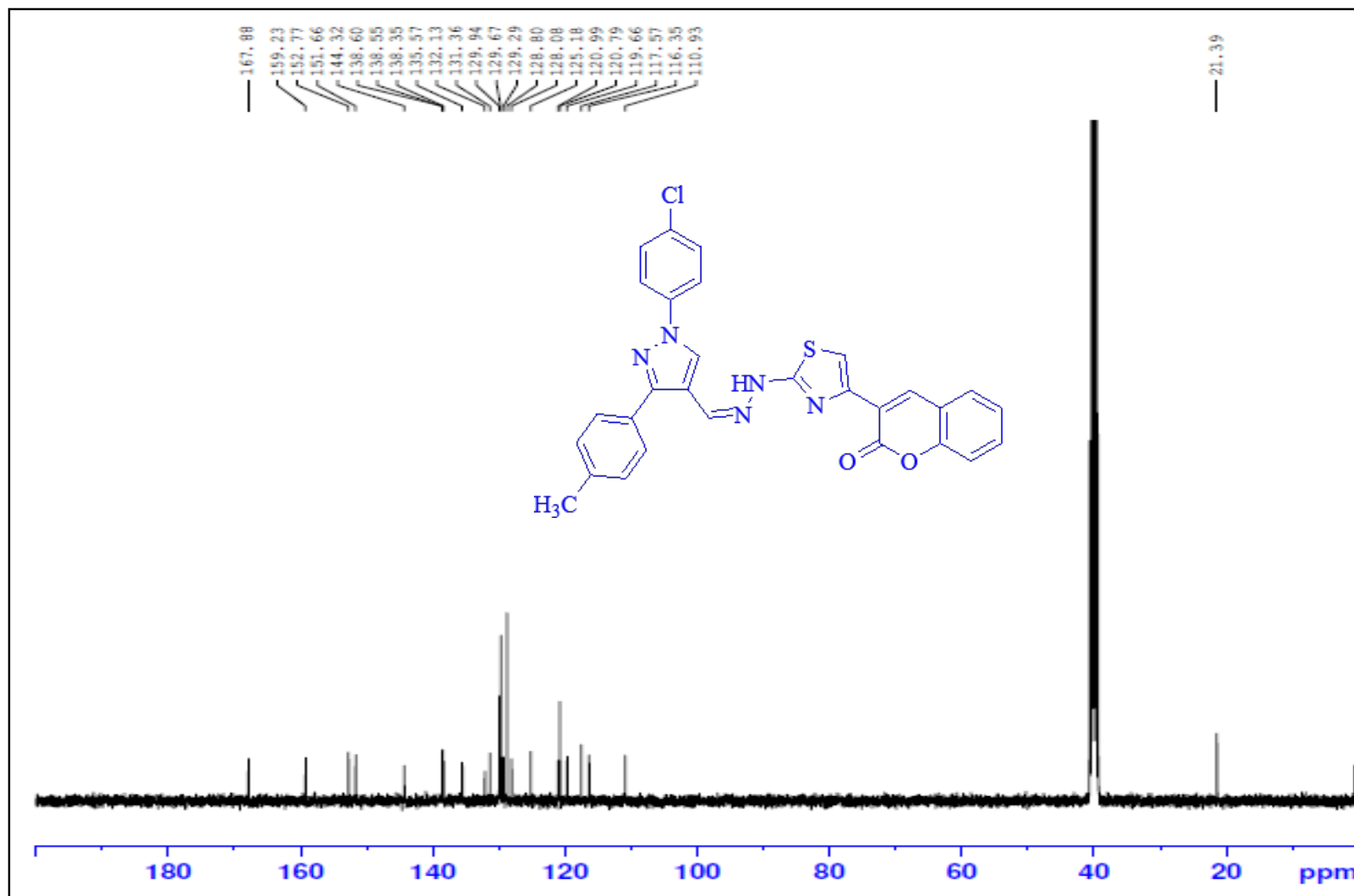
¹H NMR spectrum of 10d-DMSO-d₆-400 MHz



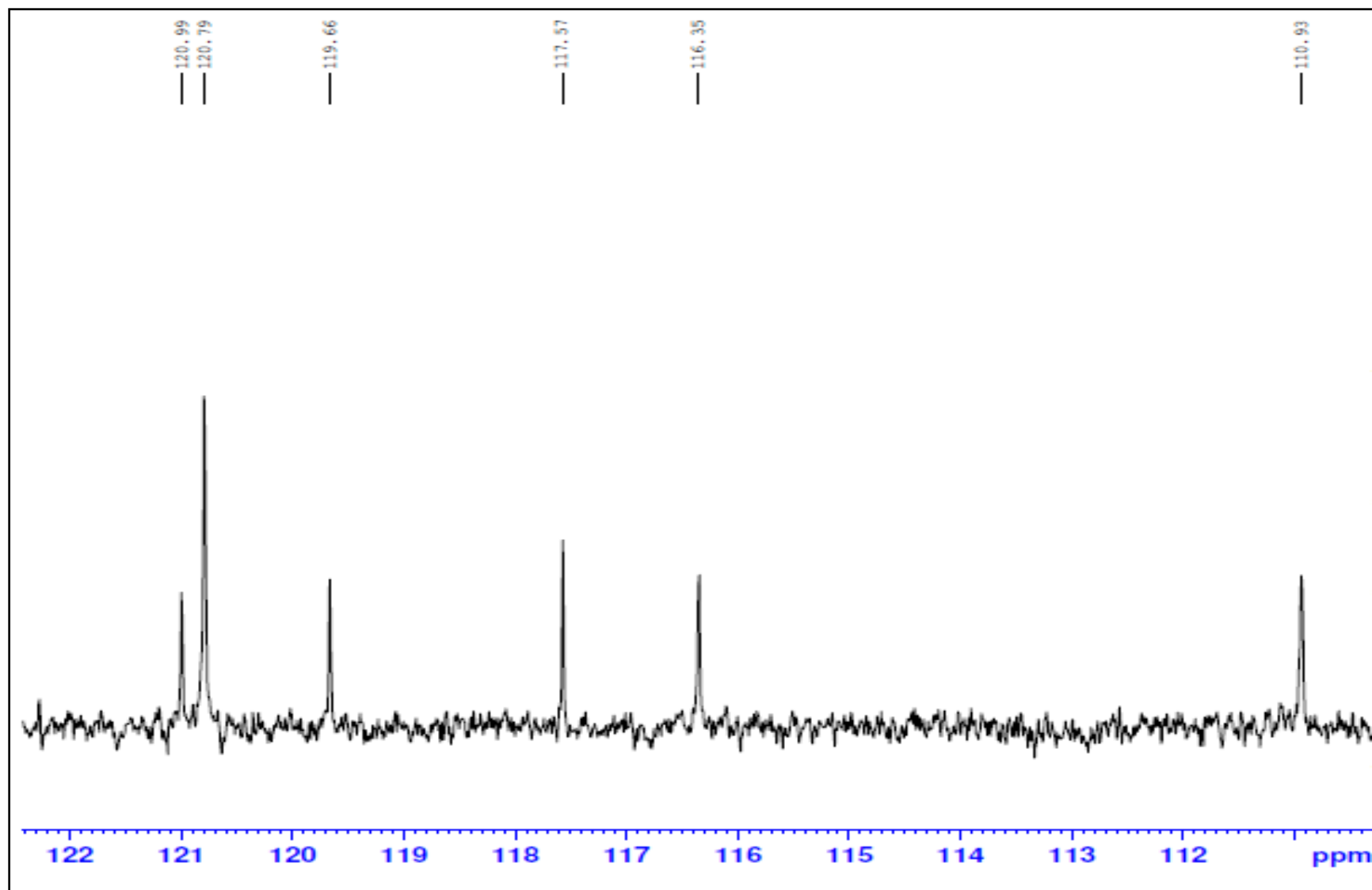
Expanded spectrum of 10d (^1H NMR)



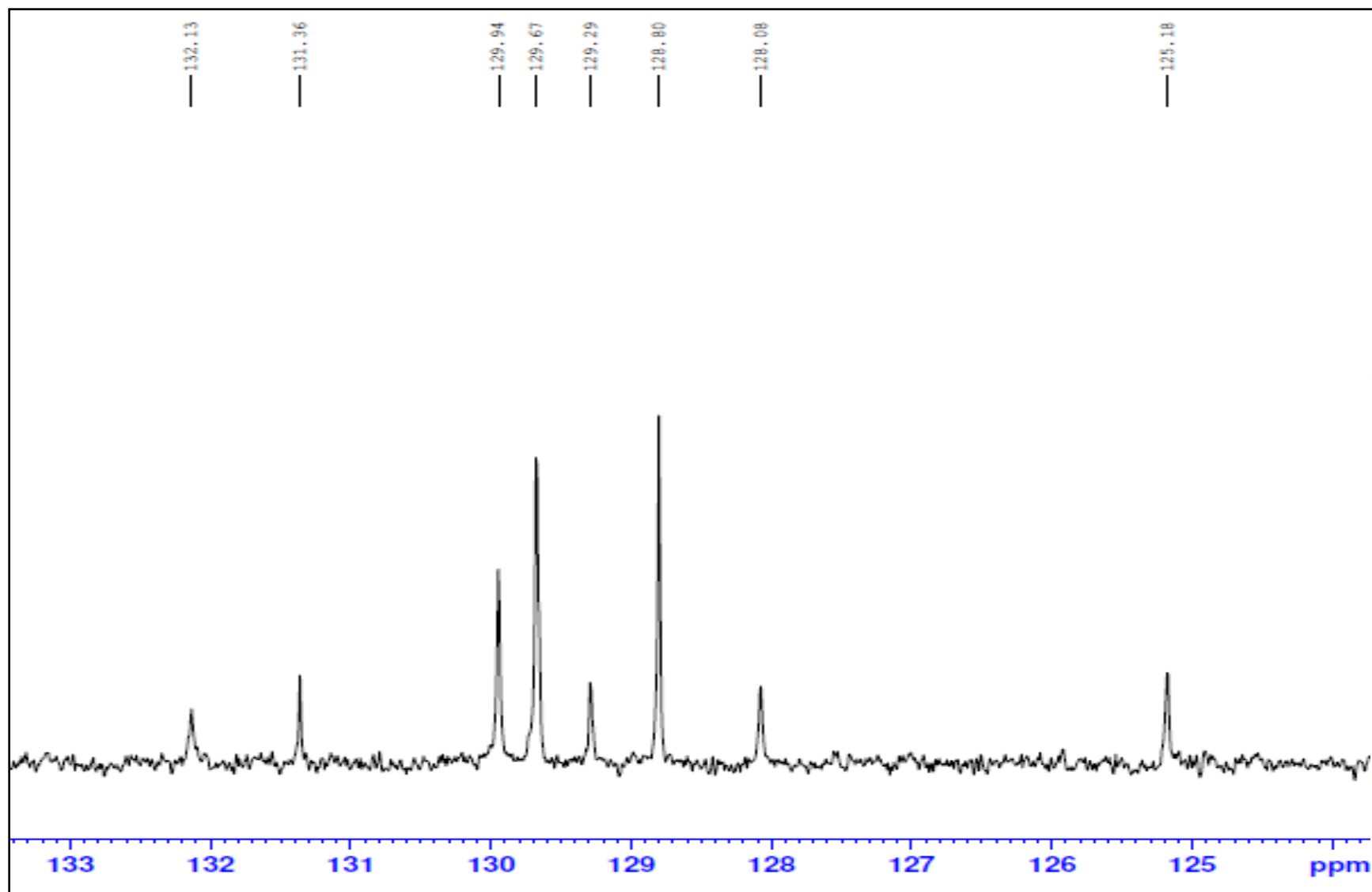
¹³C NMR spectrum of 10d- DMSO-d₆-100 MHz



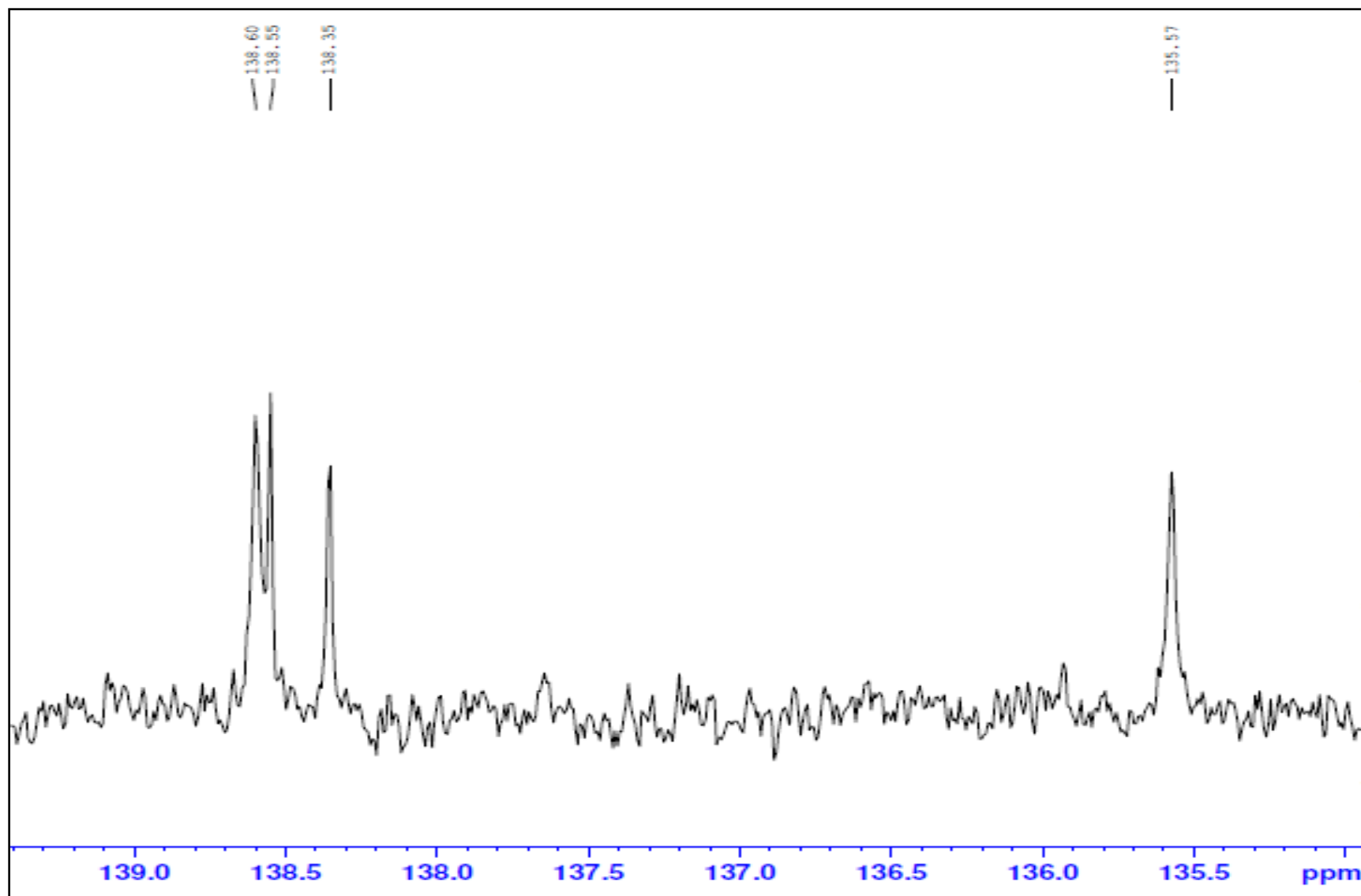
Expanded spectrum of 10d (^{13}C NMR)



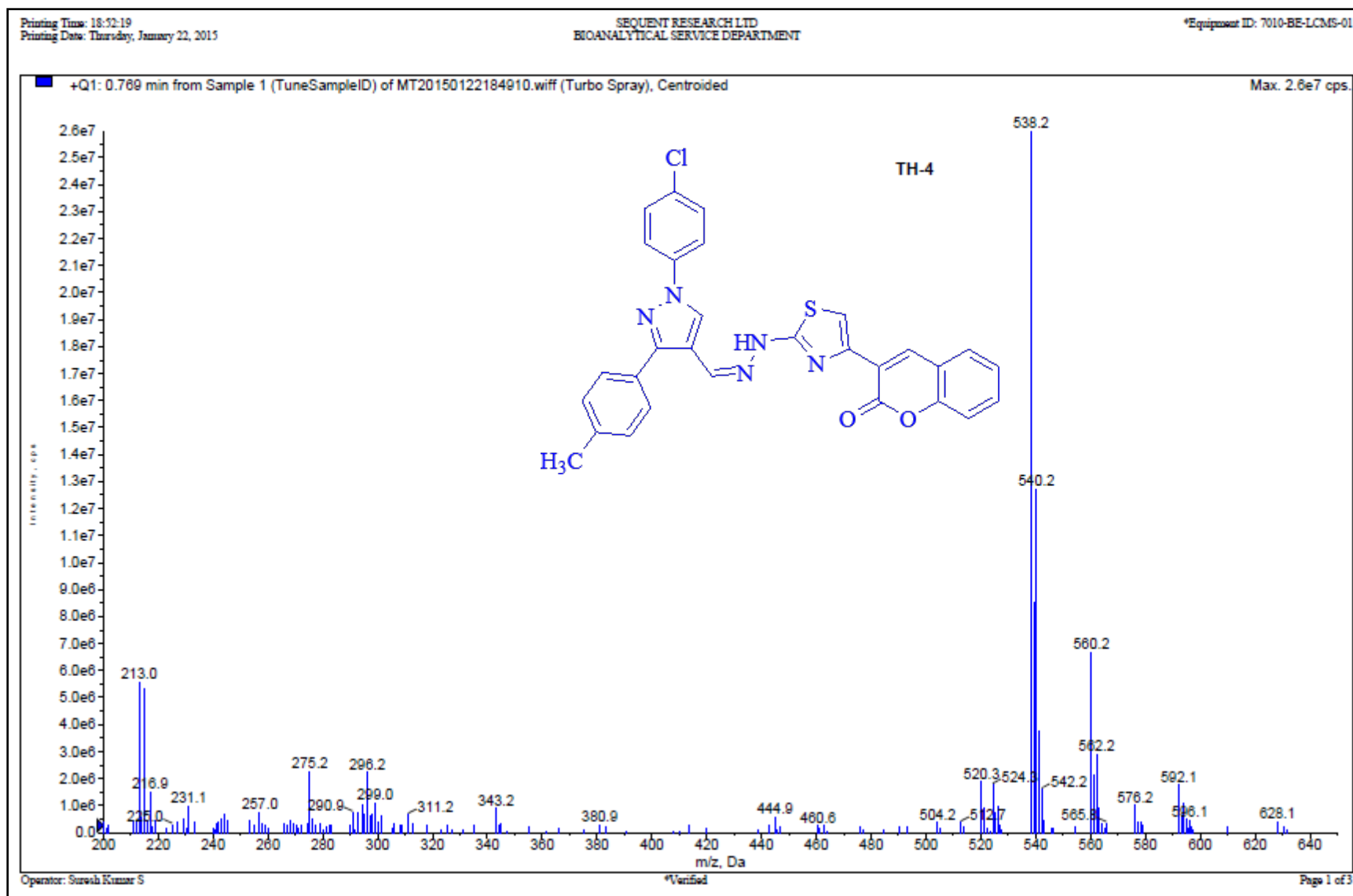
Expanded spectrum of 10d (^{13}C NMR)



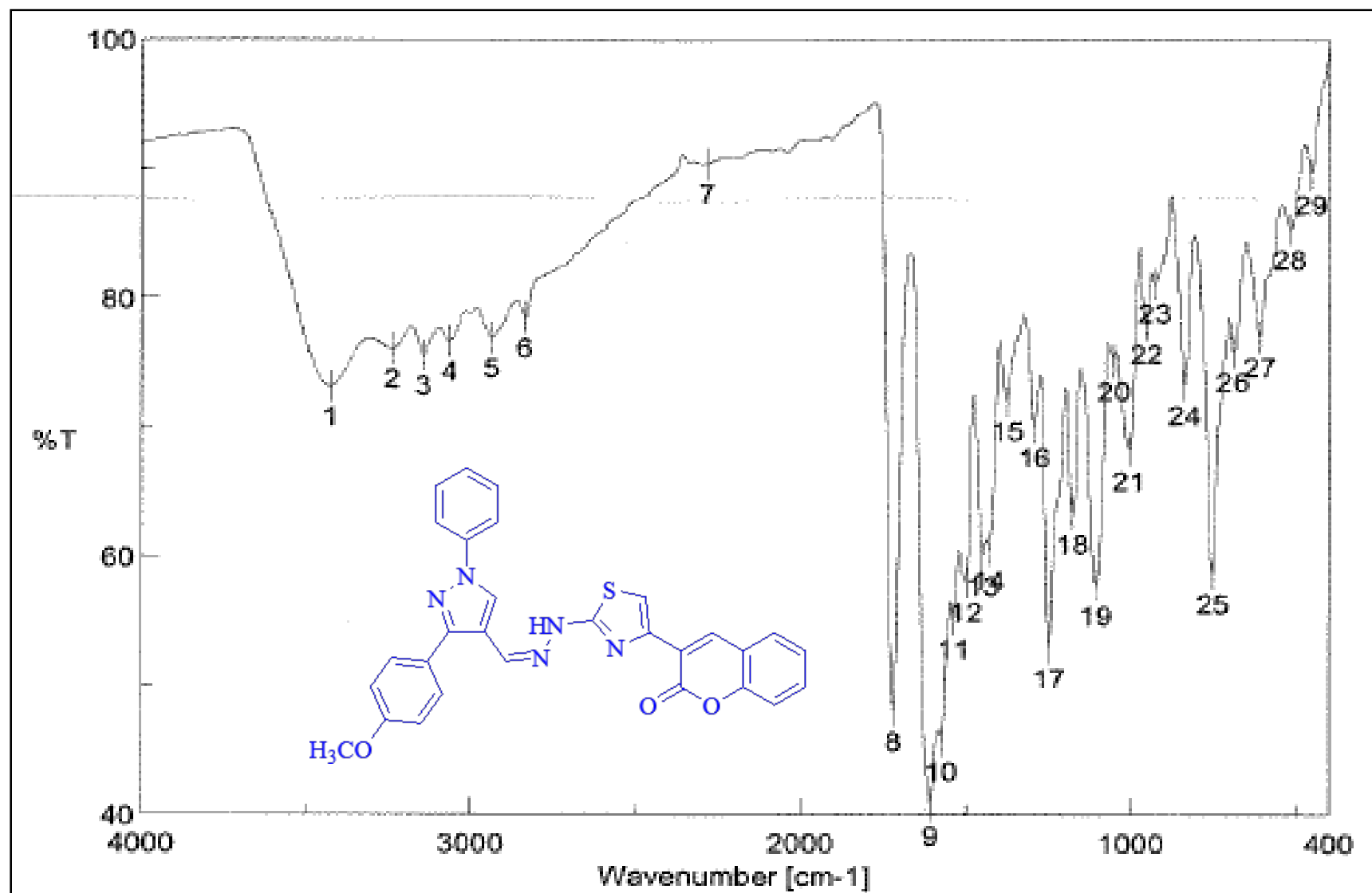
Expanded spectrum of 10d (^{13}C NMR)



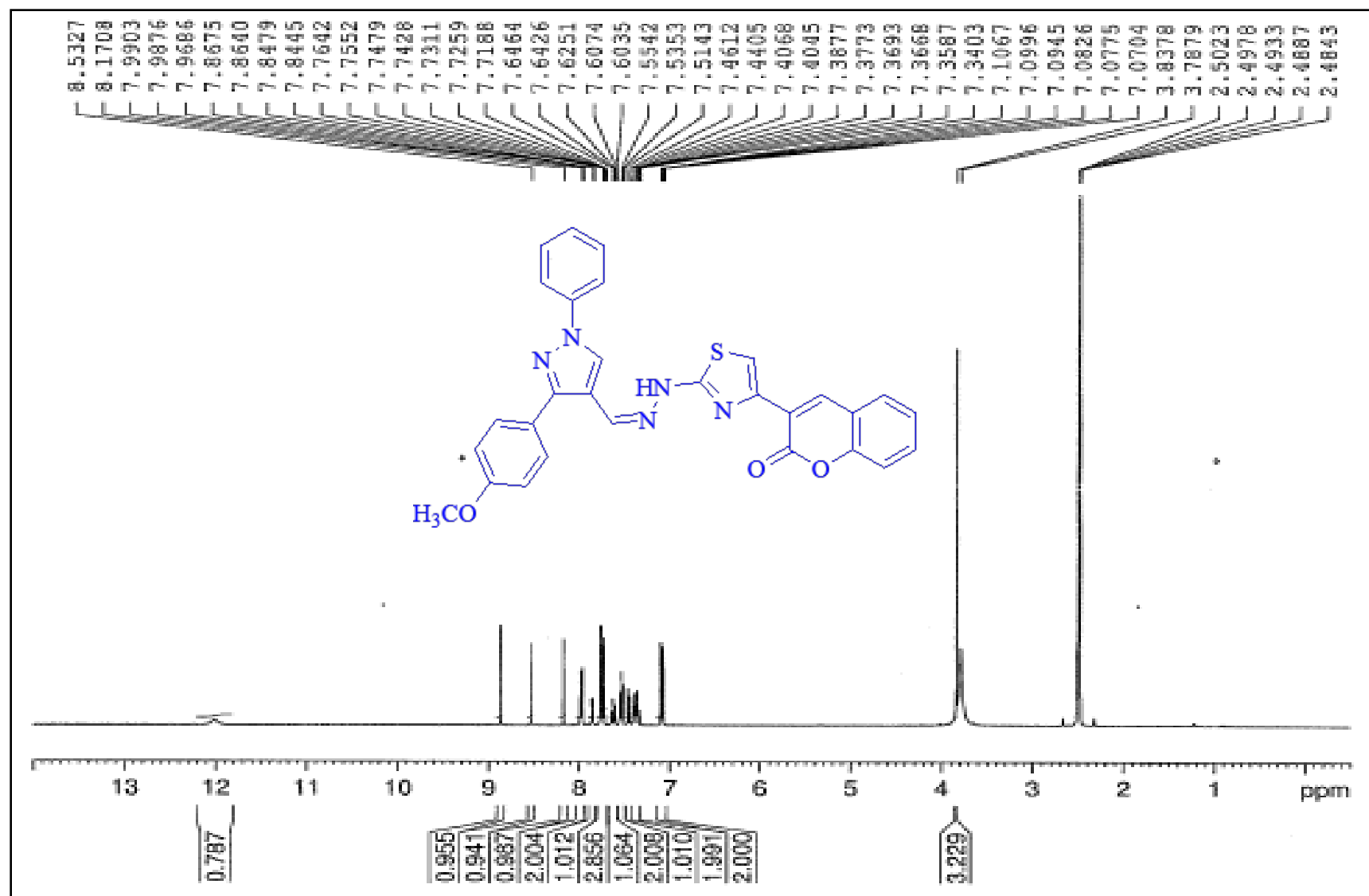
Mass spectrum of 10d



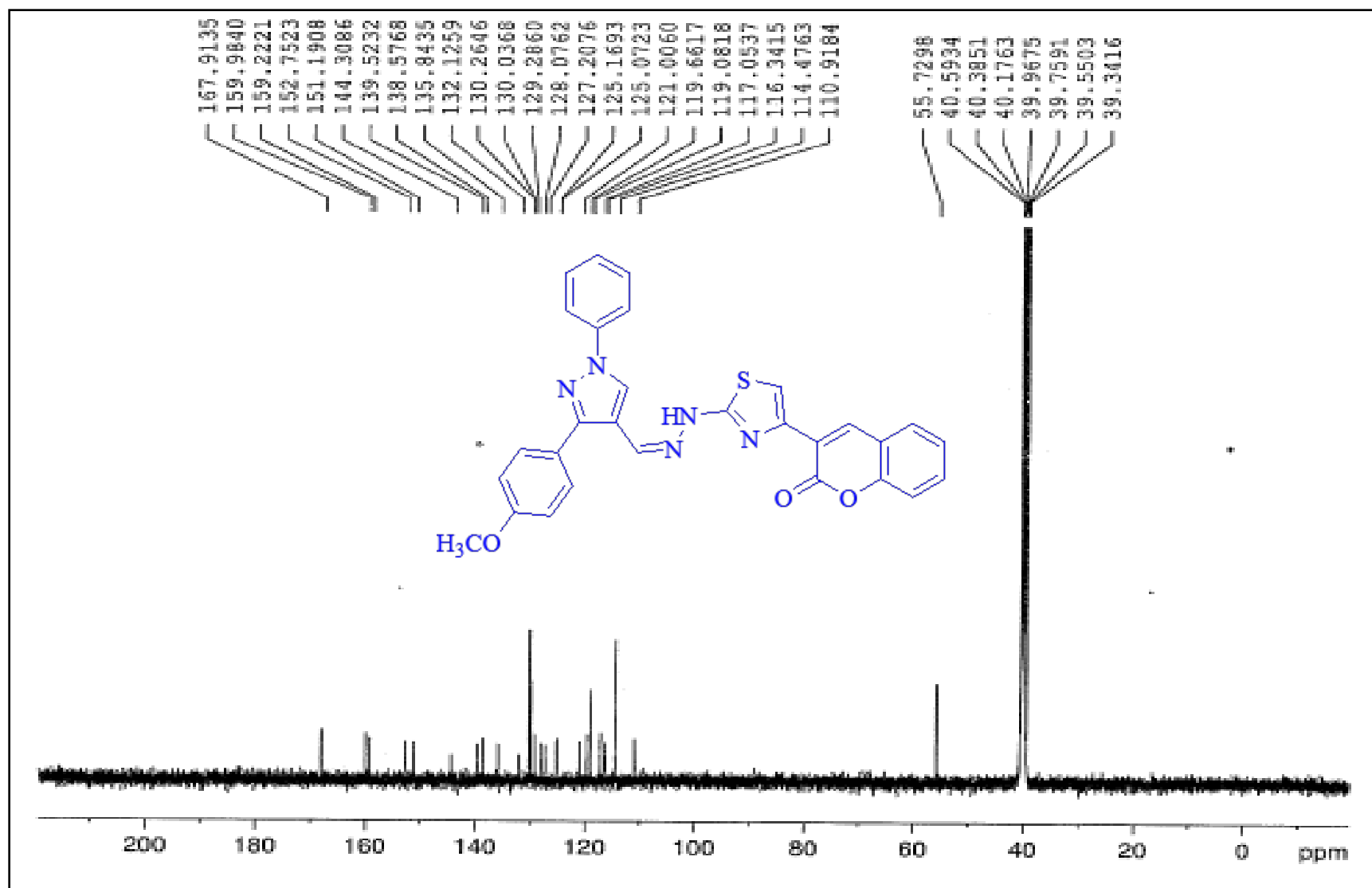
IR spectrum of 10e



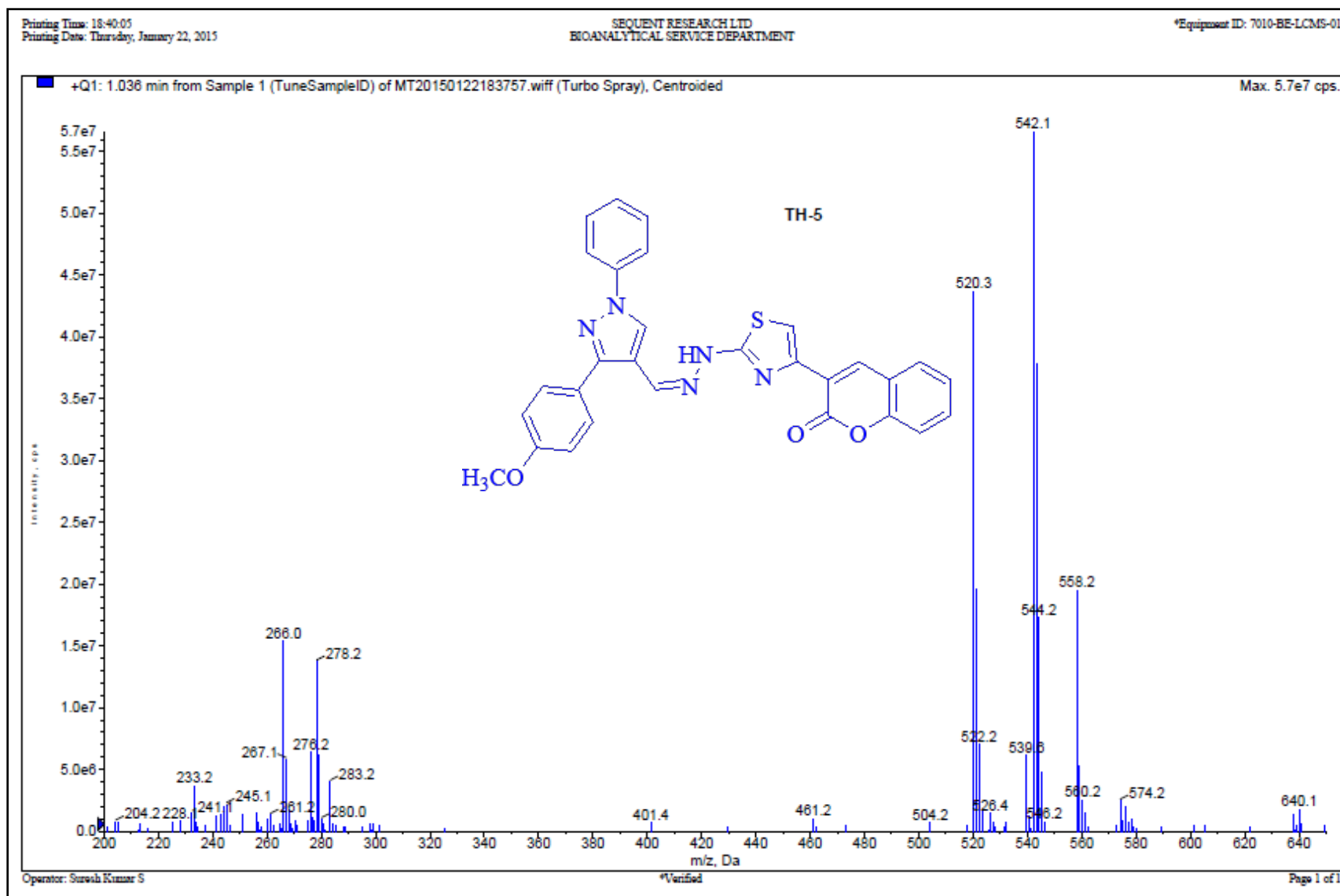
¹H NMR spectrum of 10e-DMSO-d₆-400 MHz



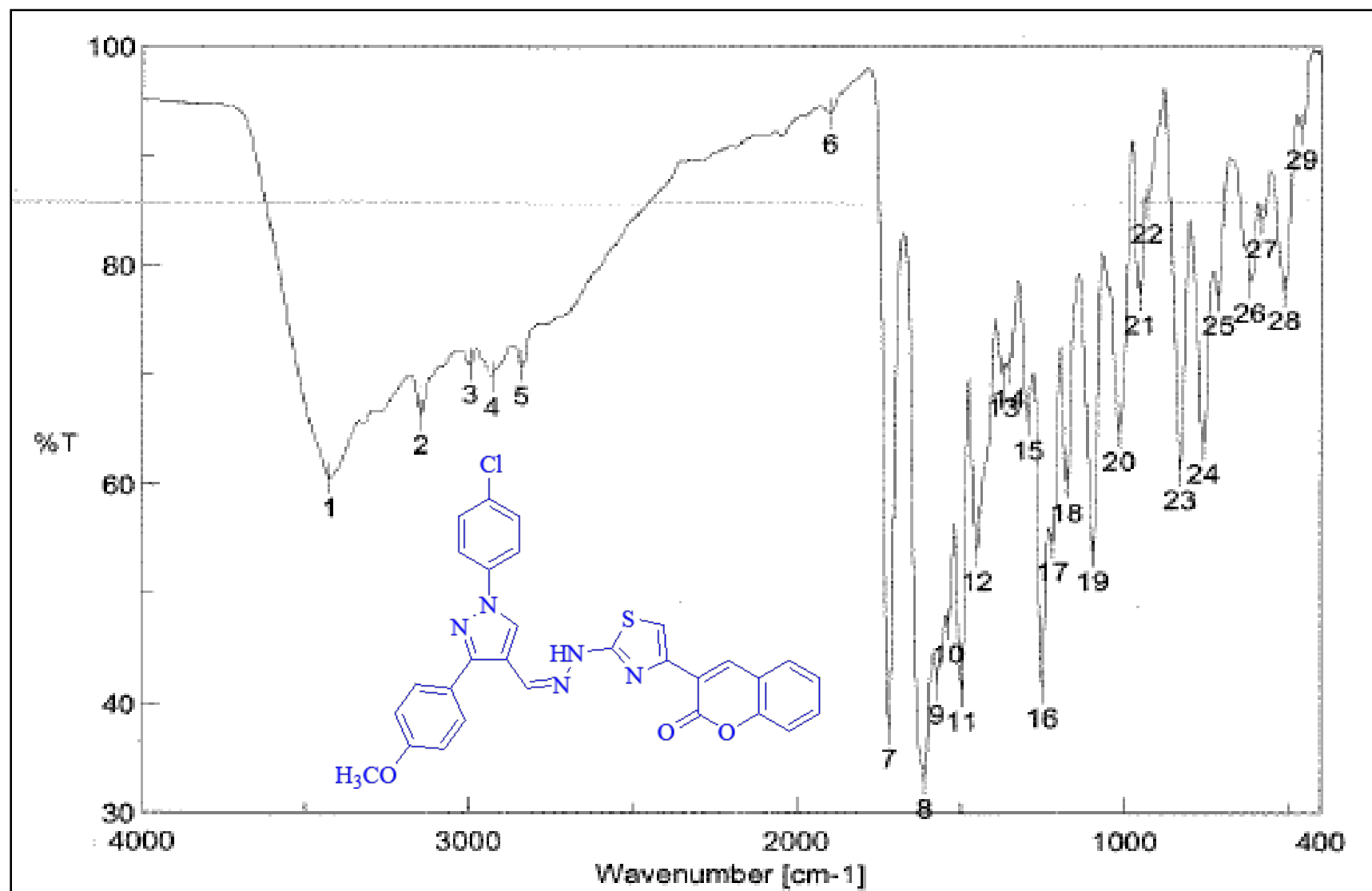
¹³C NMR spectrum of 10e- DMSO-d₆-100 MHz



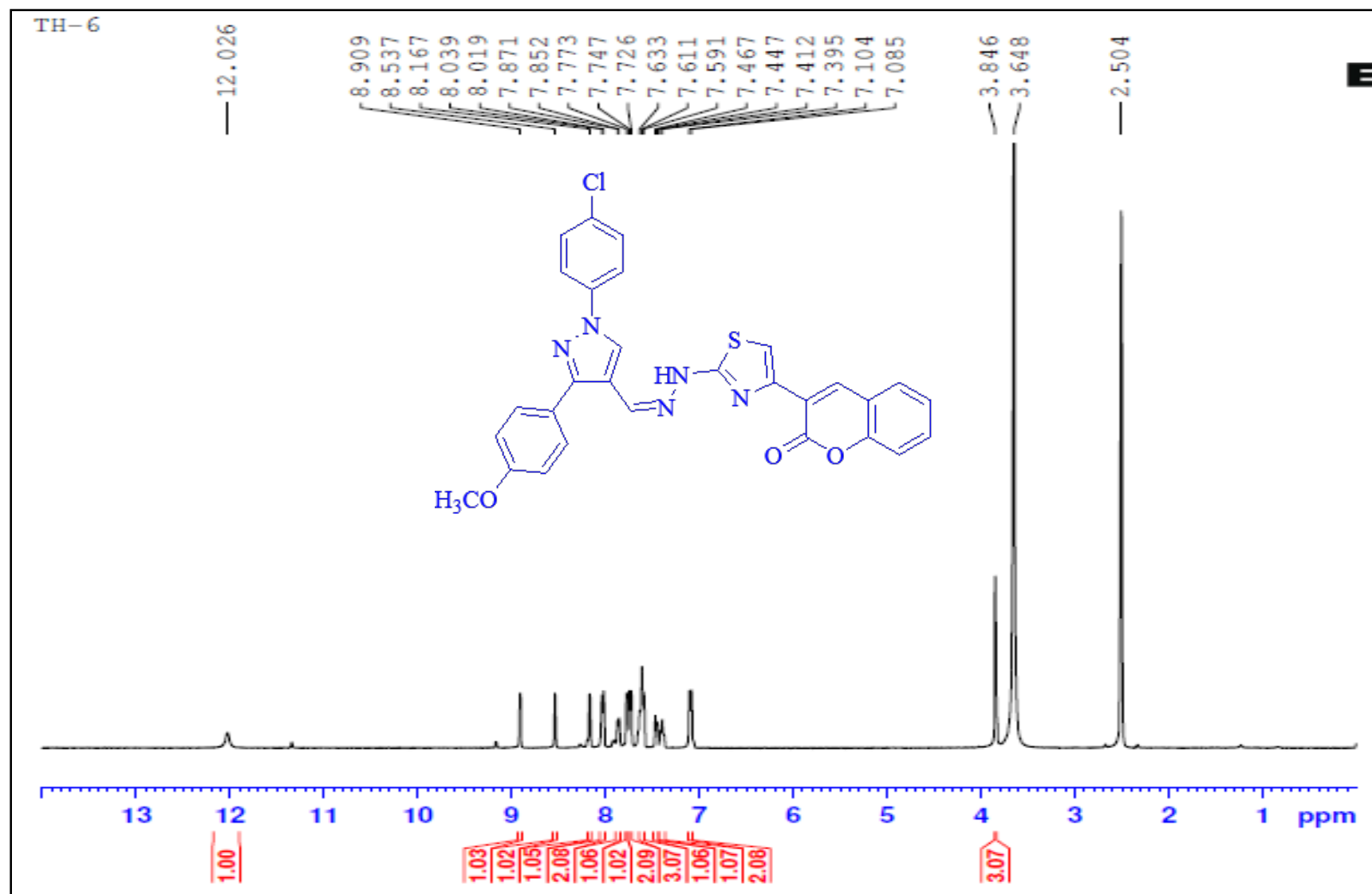
Mass spectrum of 10e



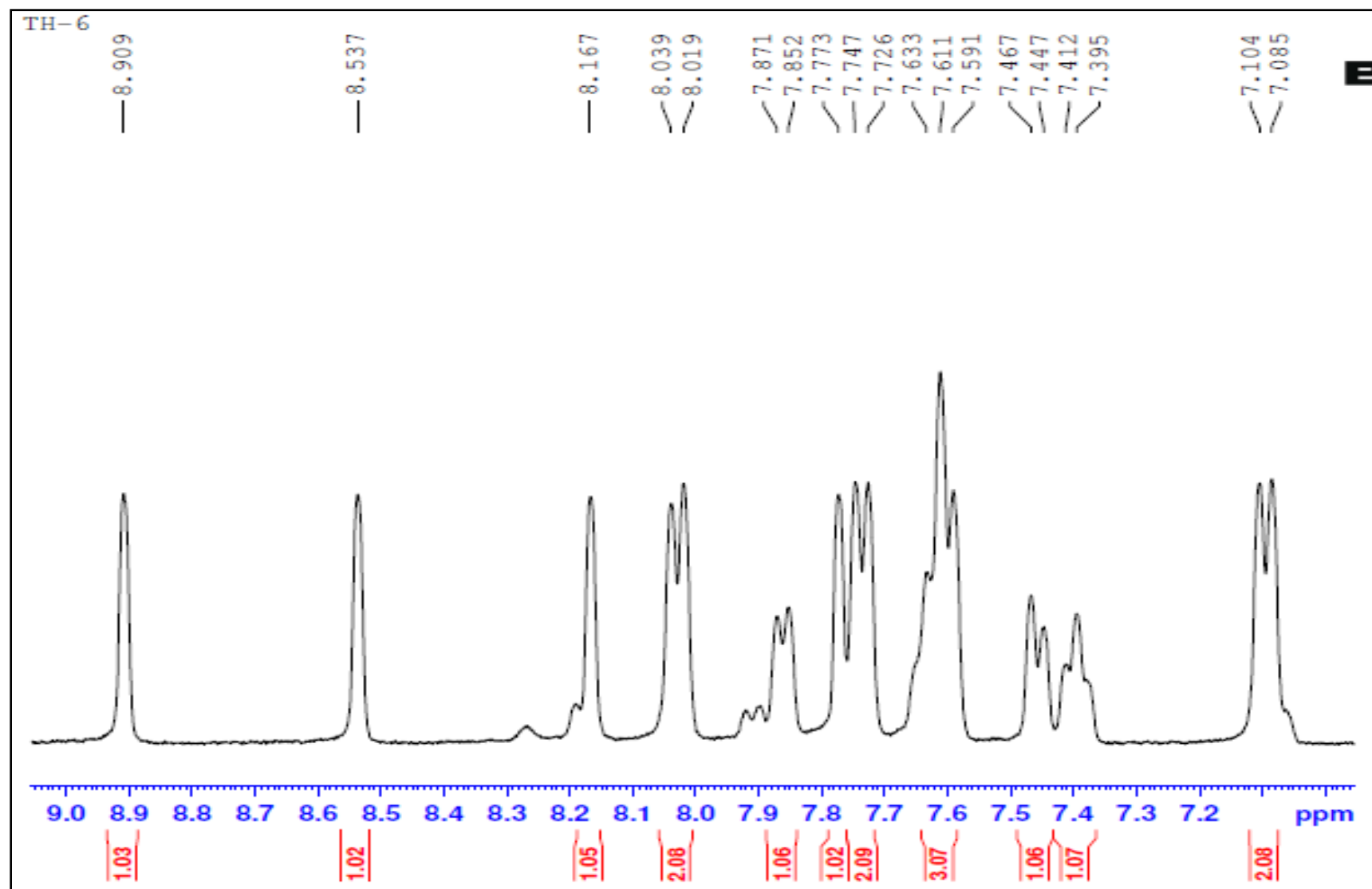
IR spectrum of 10f



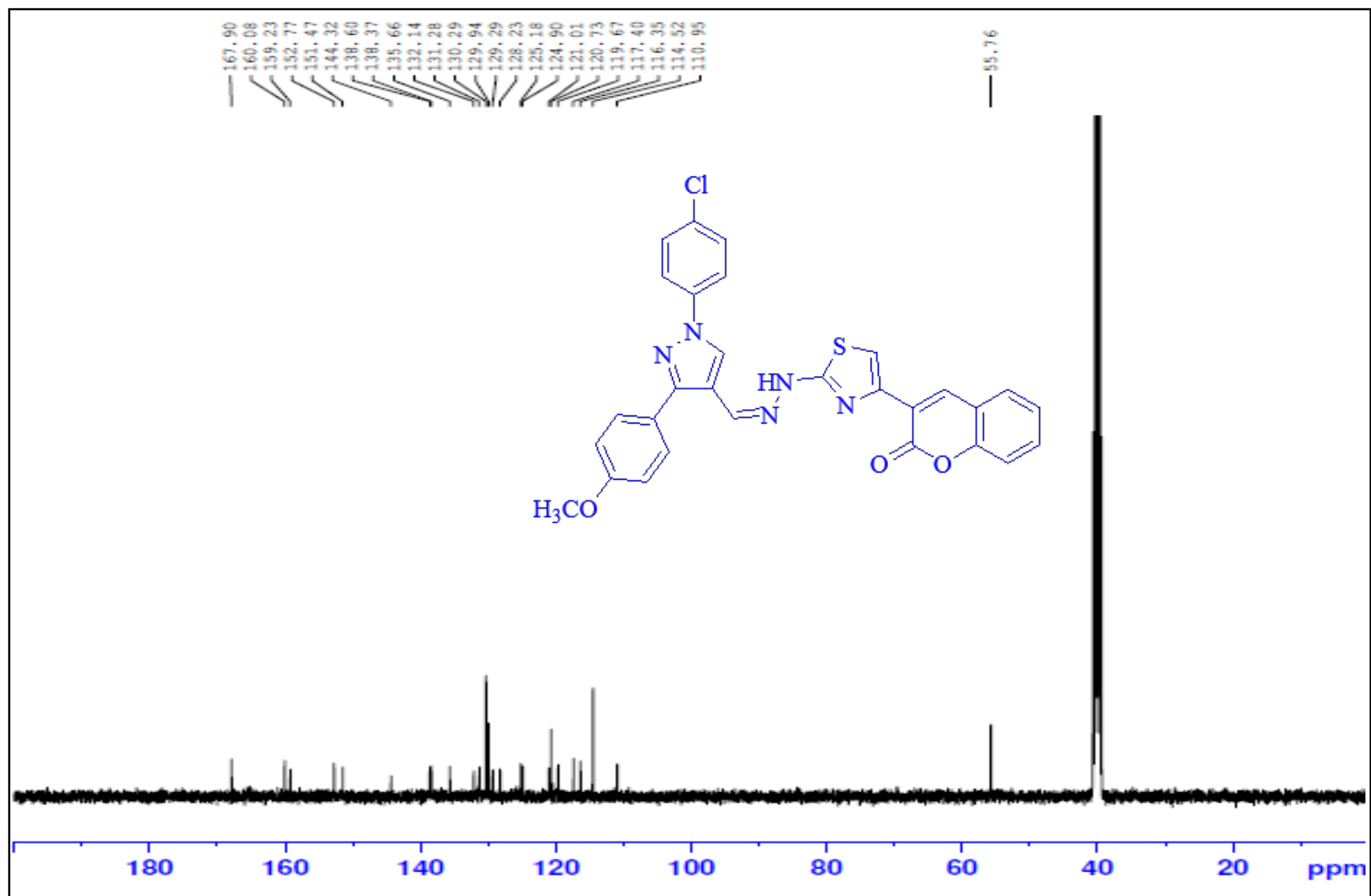
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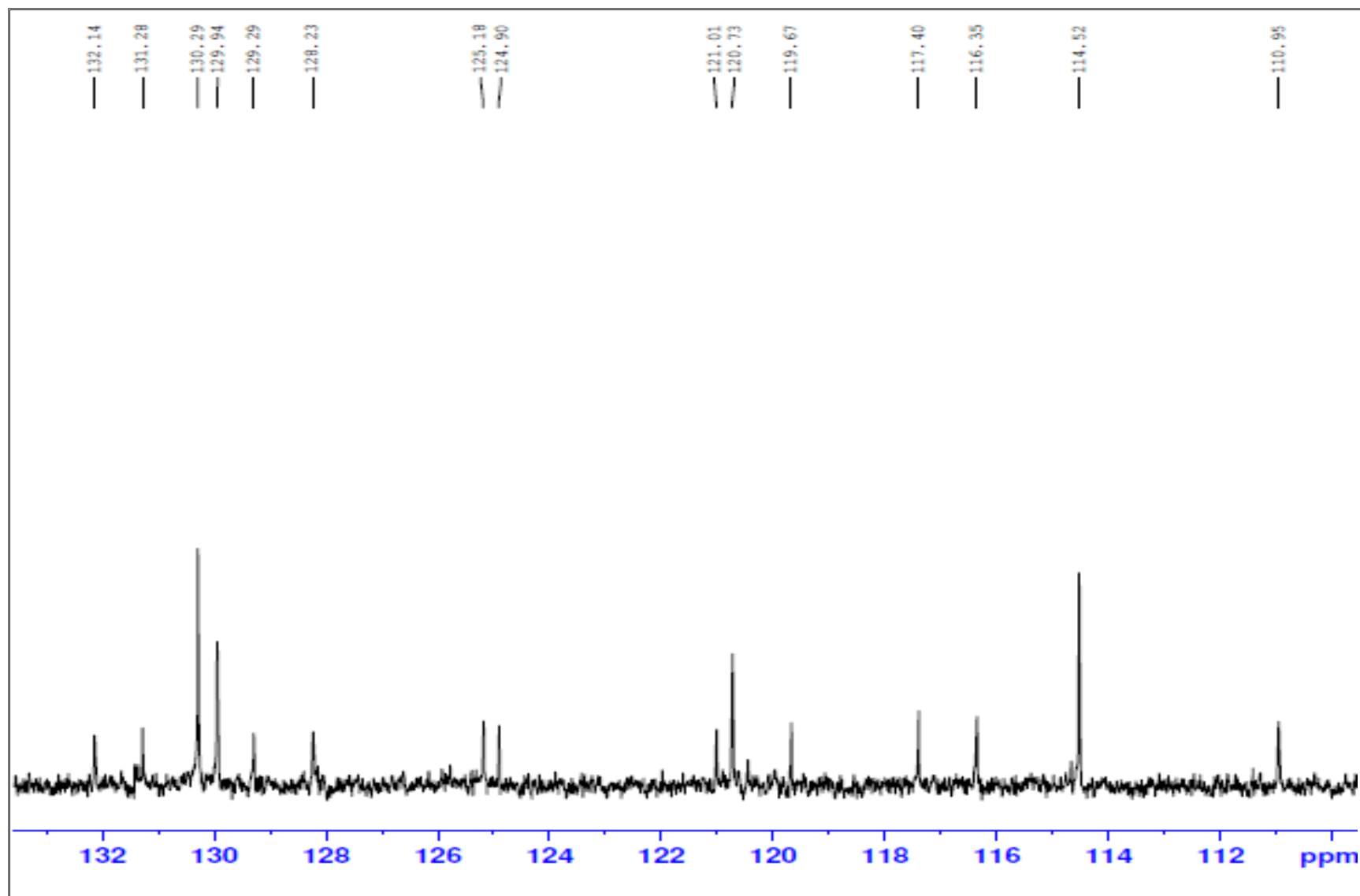
Expanded spectrum of 10f (^1H NMR)



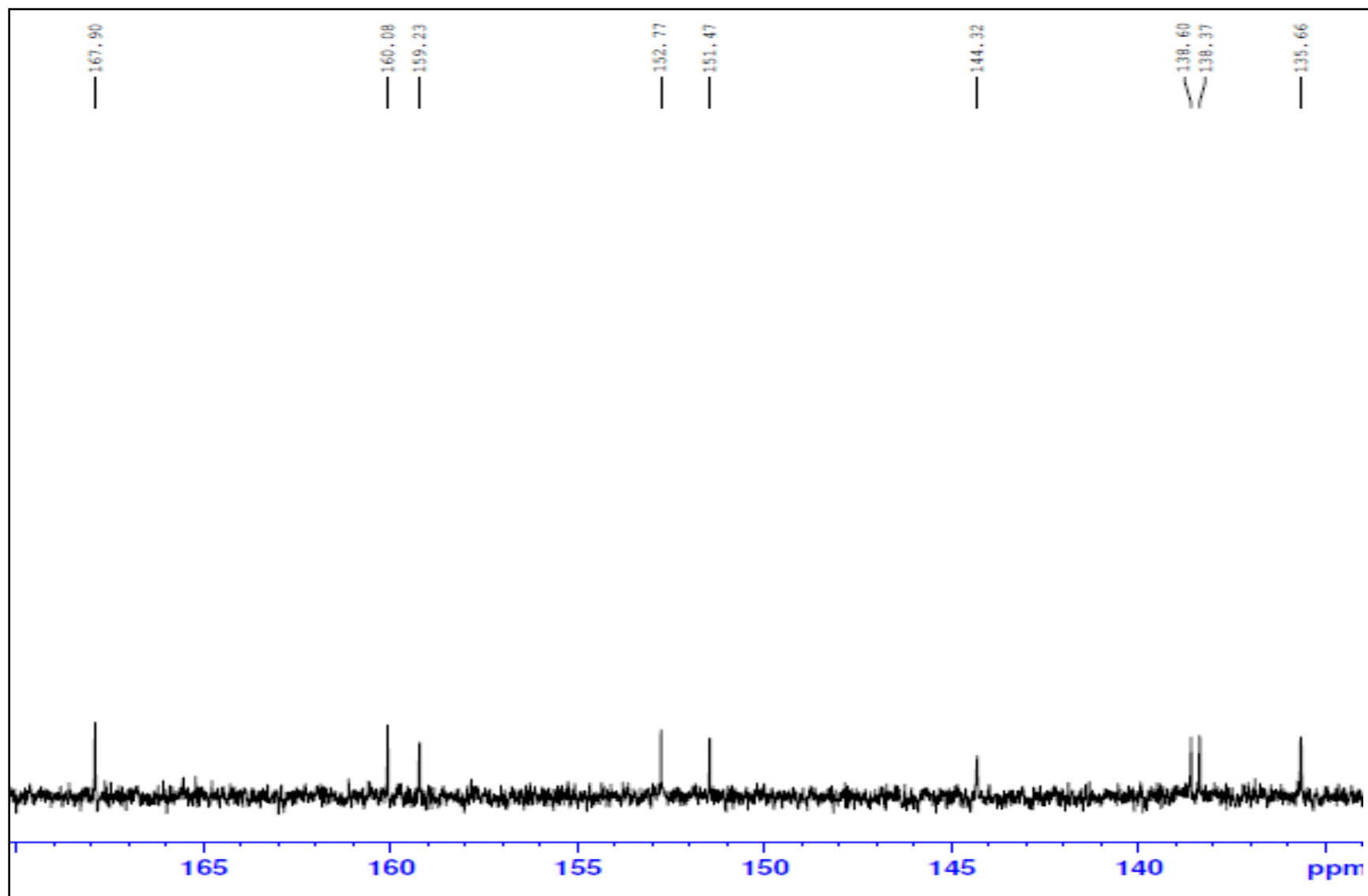
¹³C NMR spectrum of 10f- DMSO-d₆-100 MHz



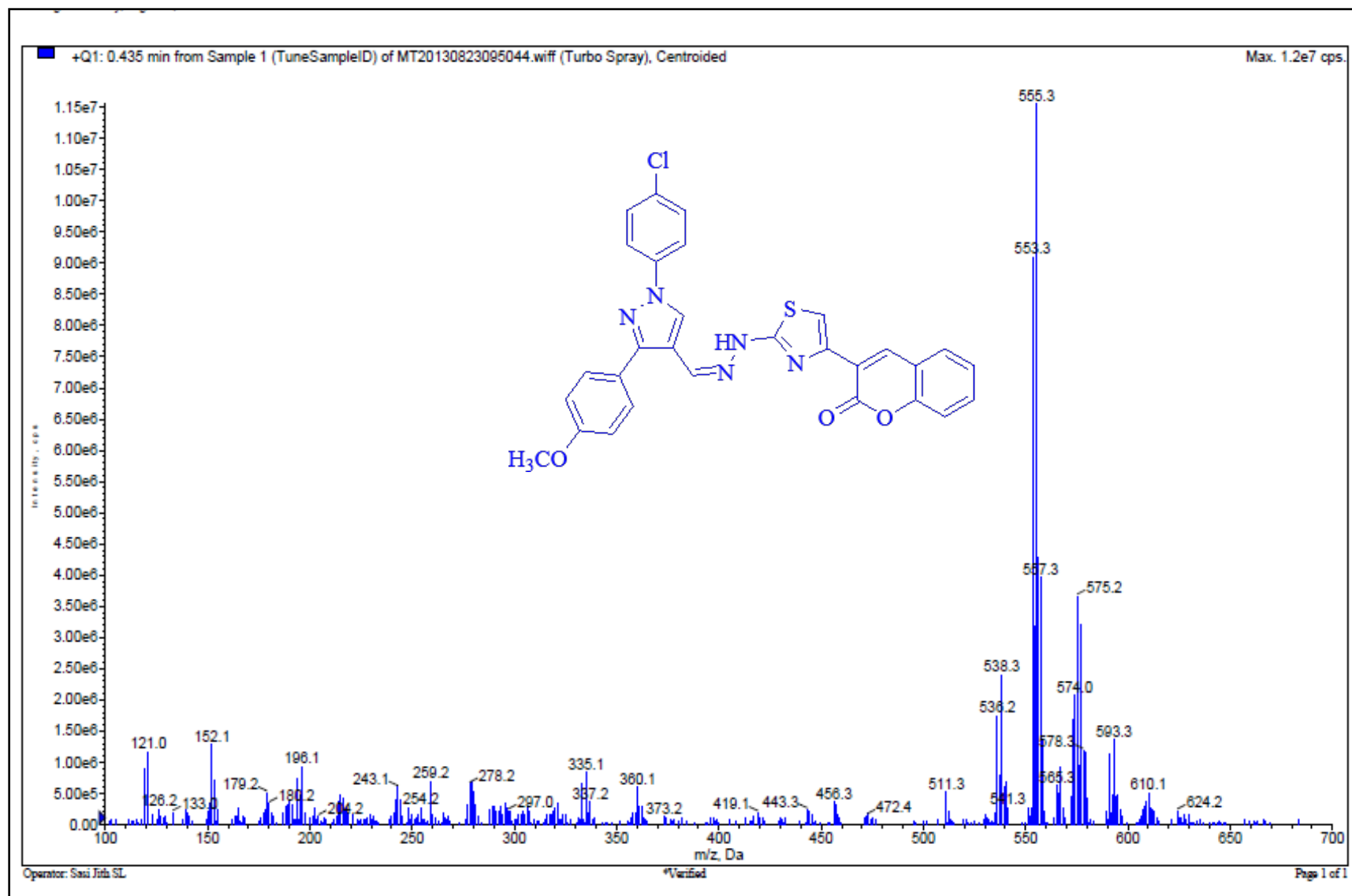
Expanded spectrum of 10f (^{13}C NMR)



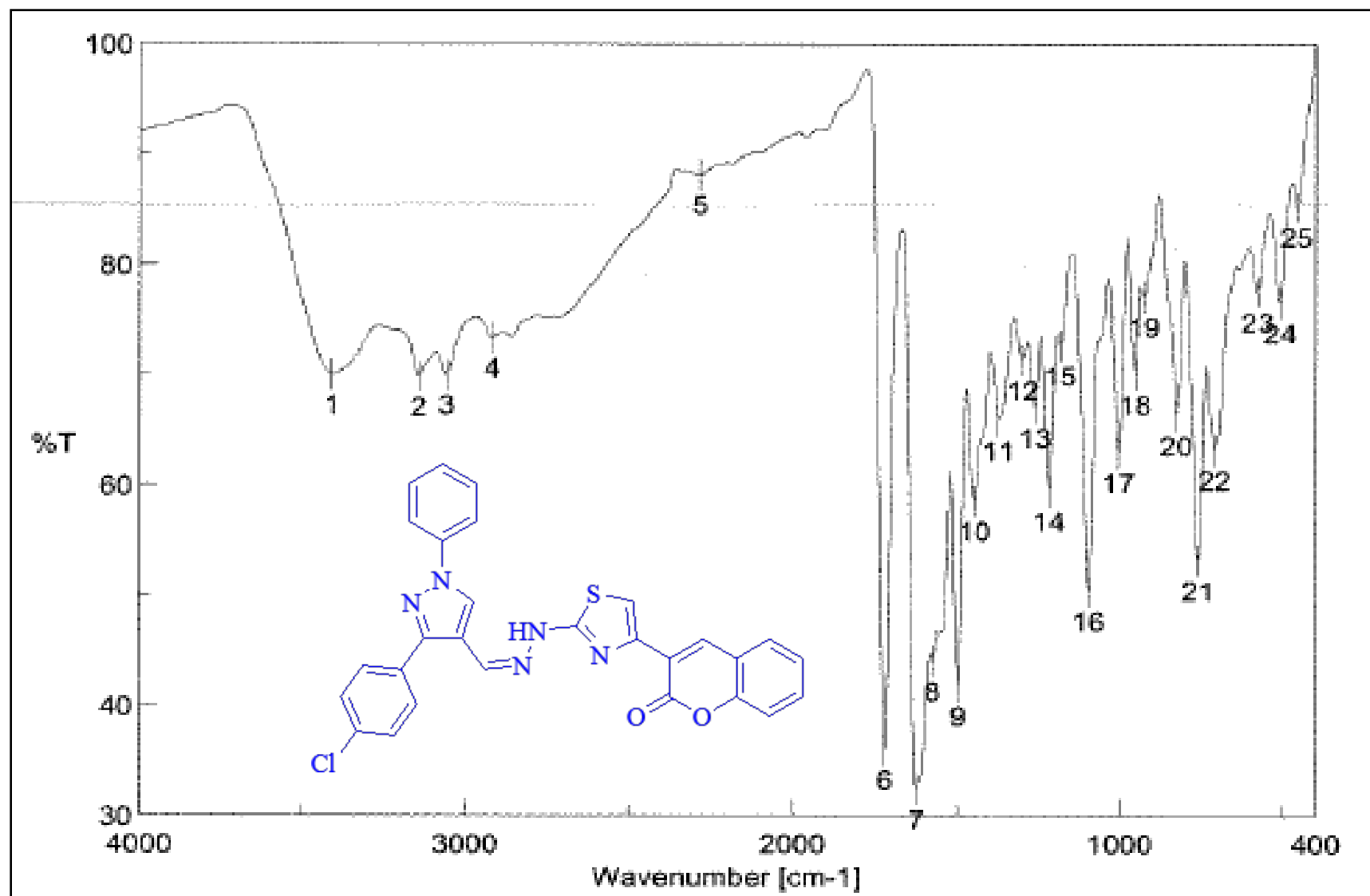
Expanded spectrum of 10f (^{13}C NMR)



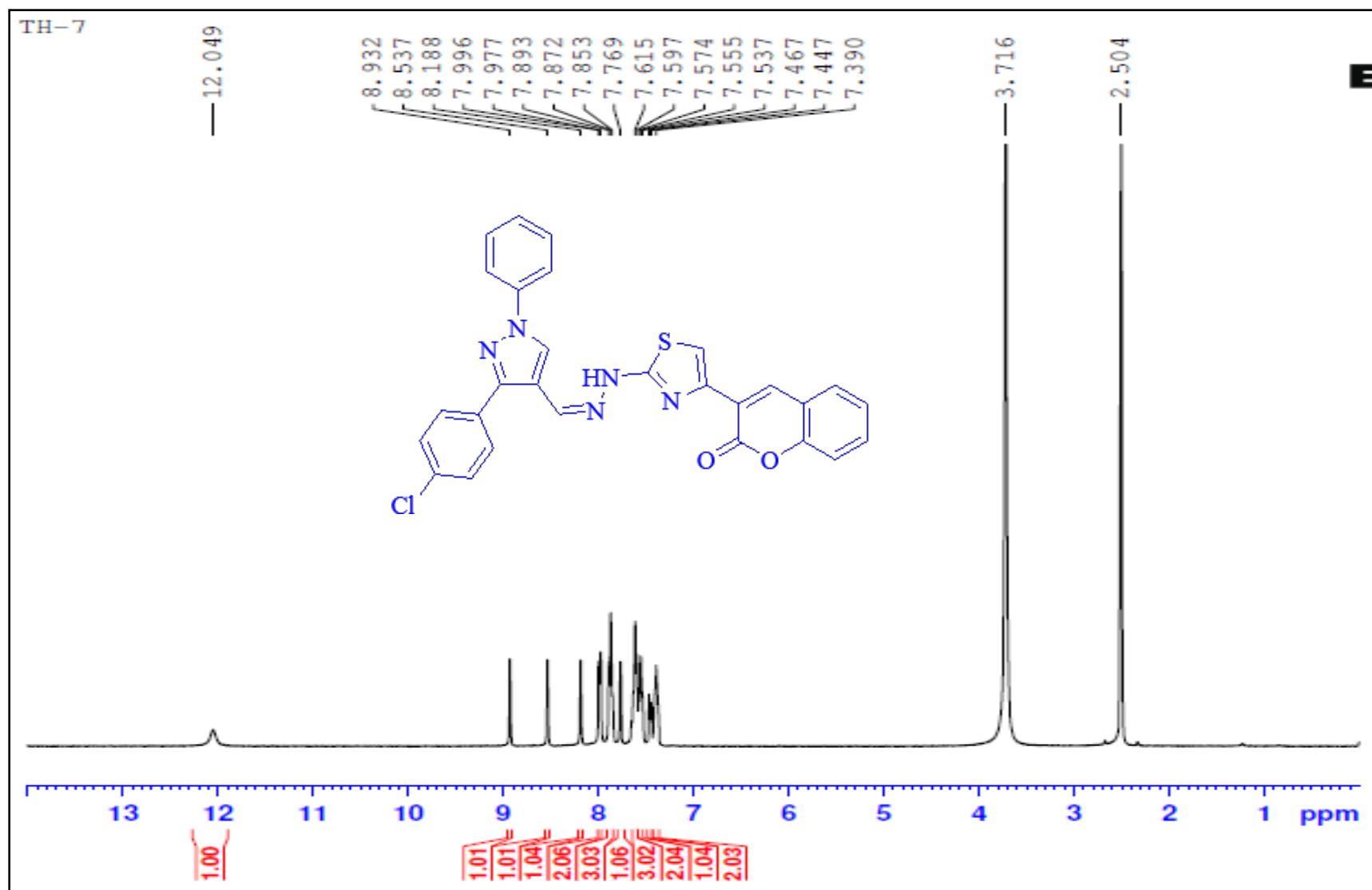
Mass spectrum of 10f



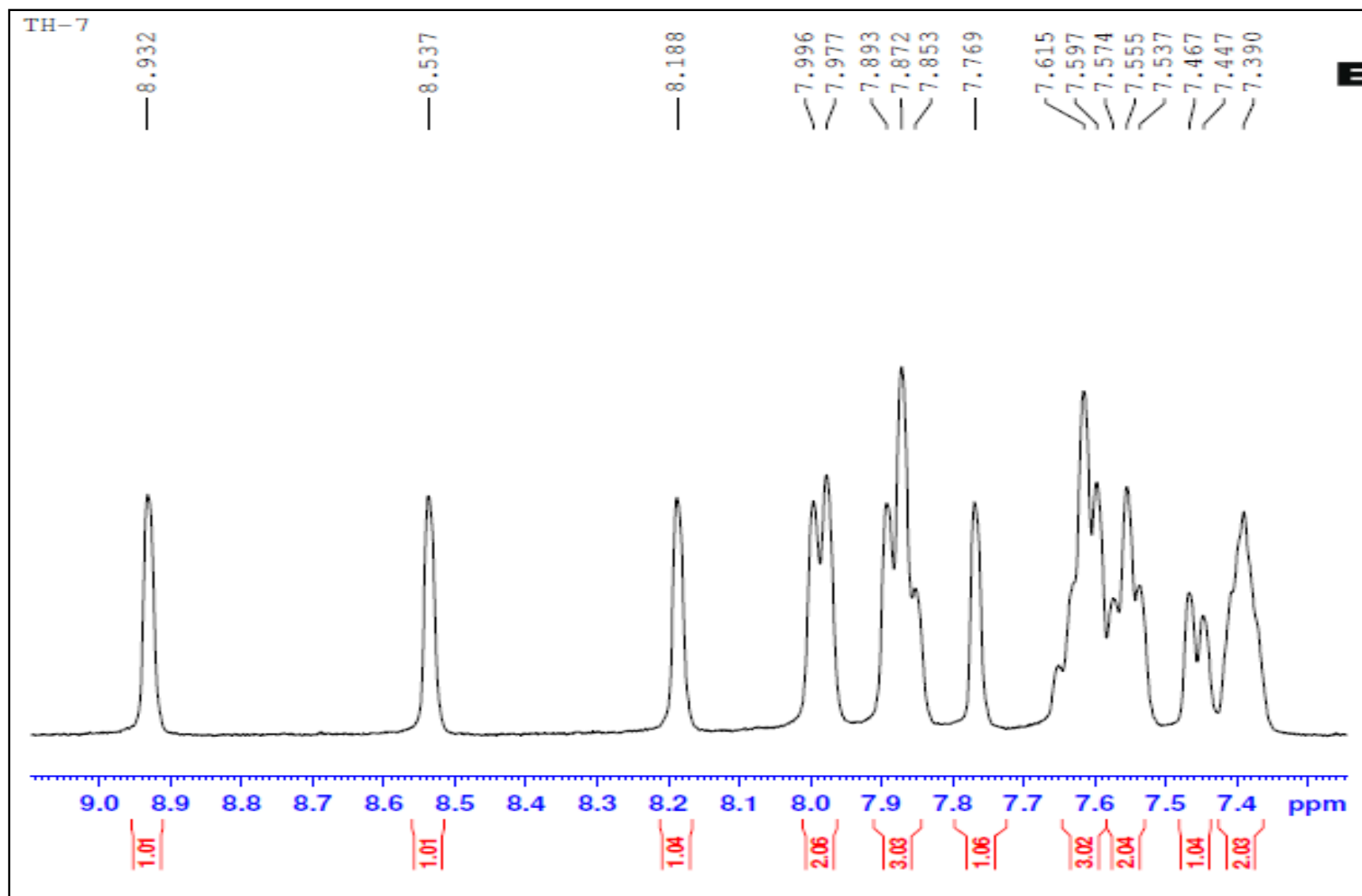
IR spectrum of 10g



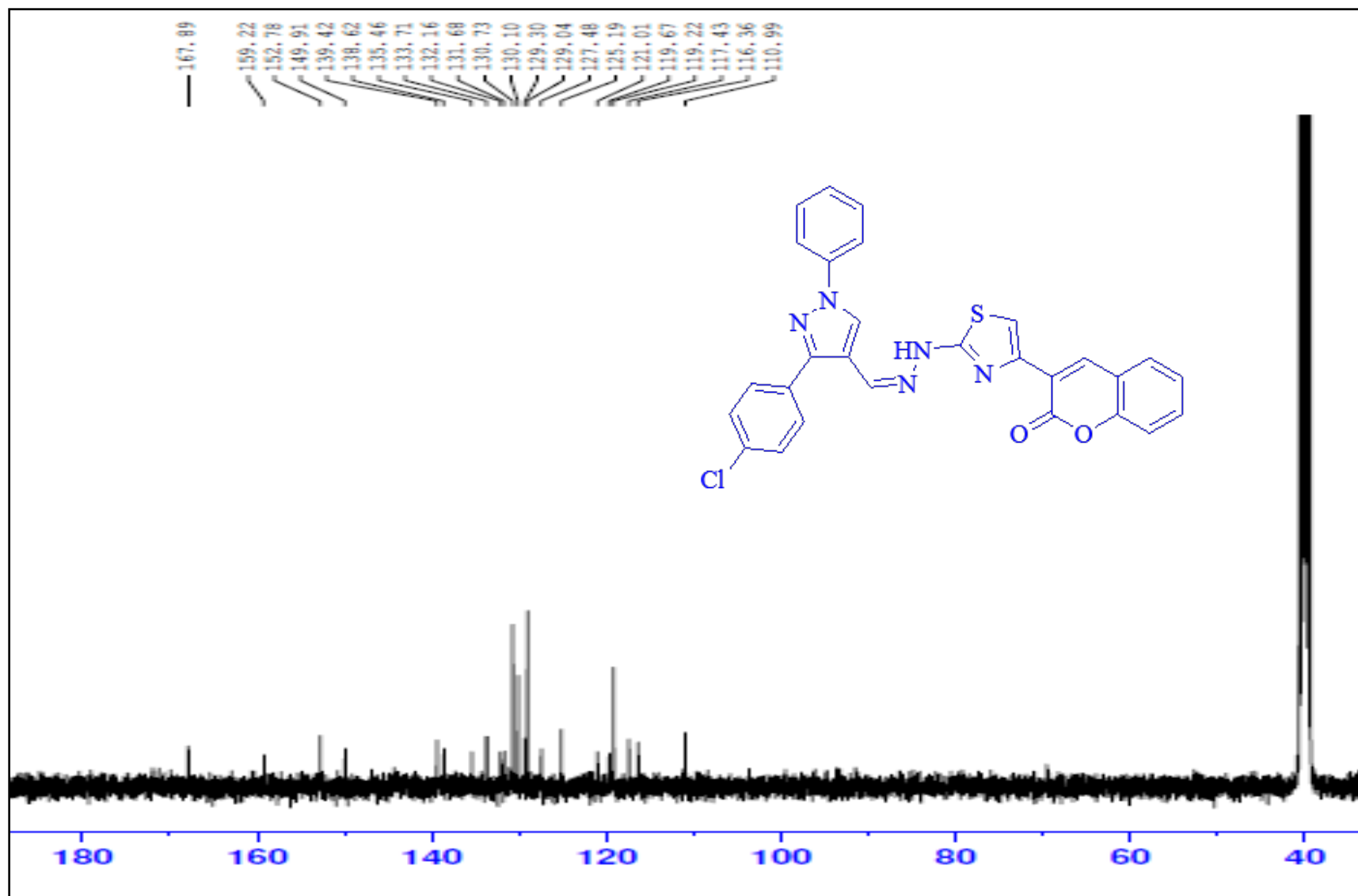
¹H NMR spectrum of 10g-DMSO-d₆-400 MHz



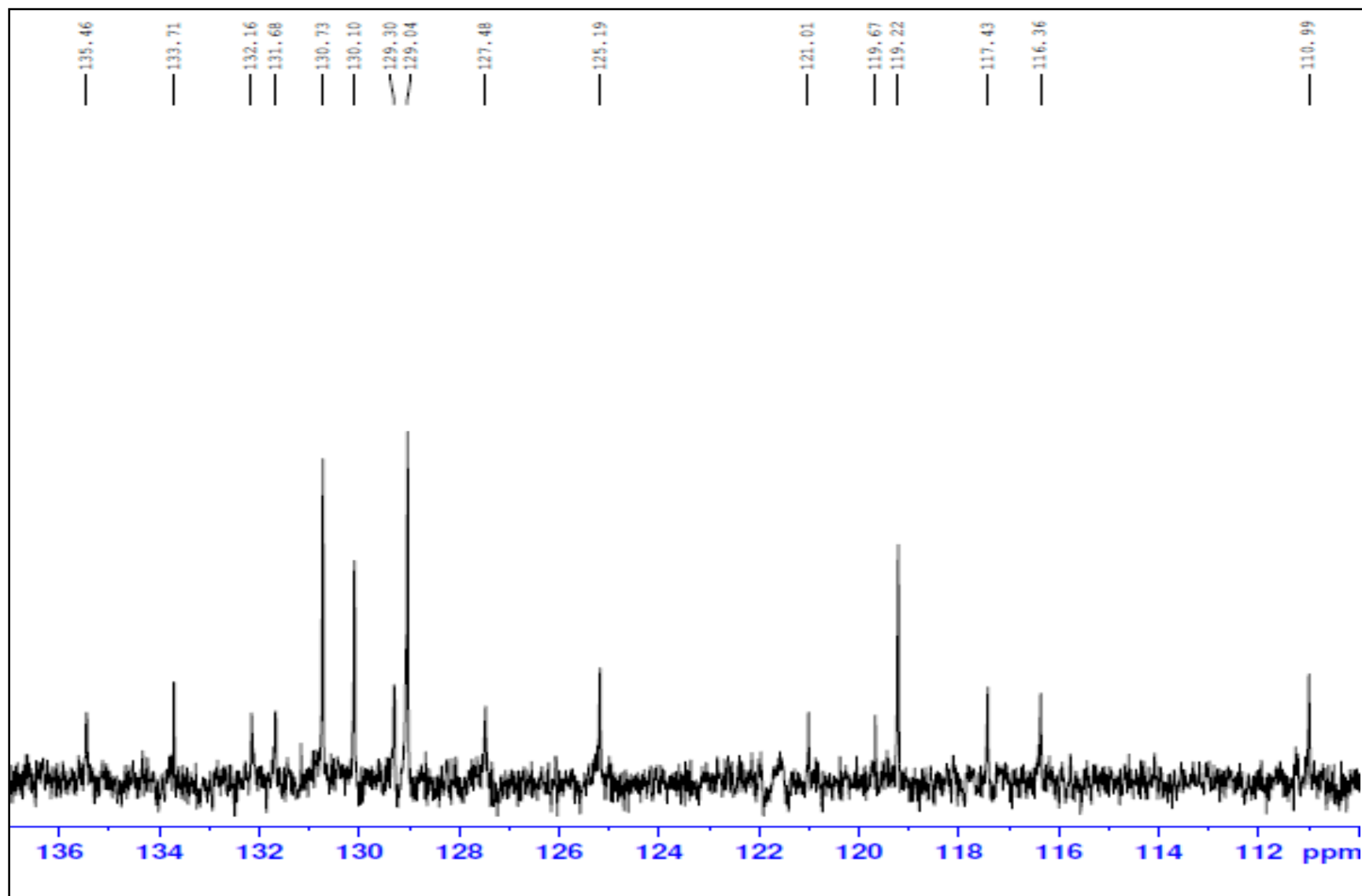
Expanded spectrum of 10g (^1H NMR)



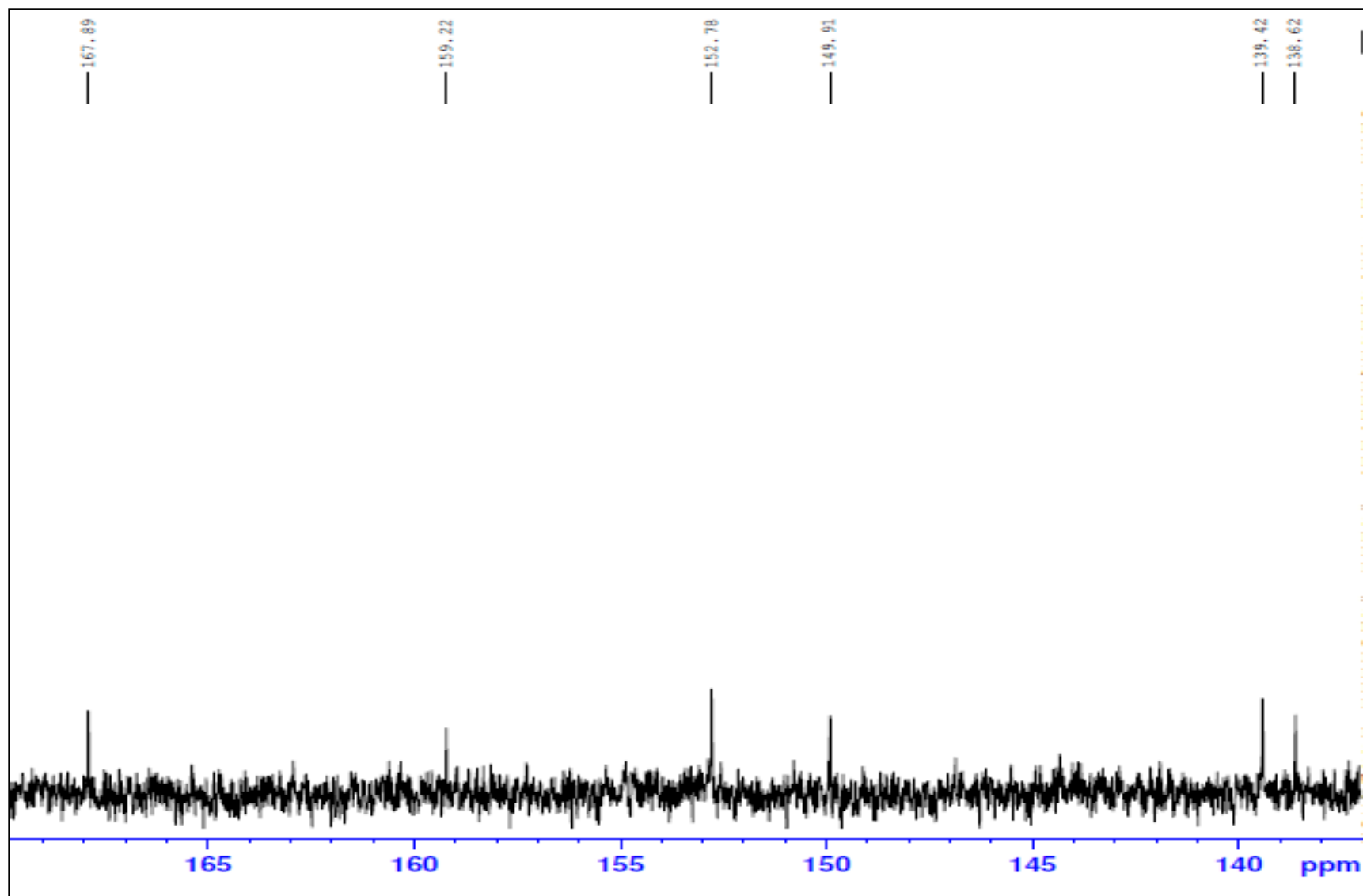
¹³C NMR spectrum of 10g- DMSO-d₆ -100 MHz



Expanded spectrum of 10g (^{13}C NMR)



Expanded spectrum of 10g (^{13}C NMR)

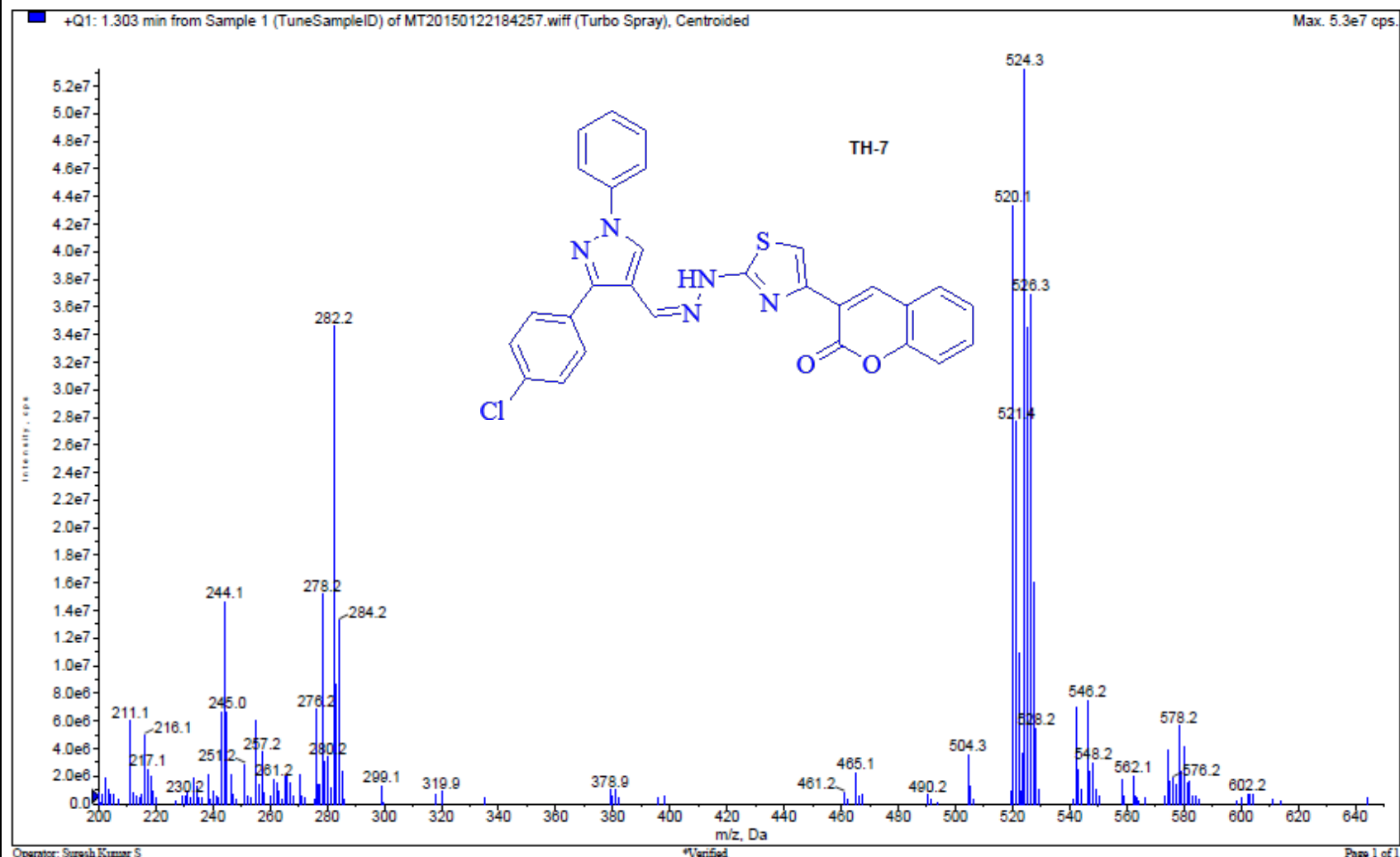


Mass spectrum of 10g

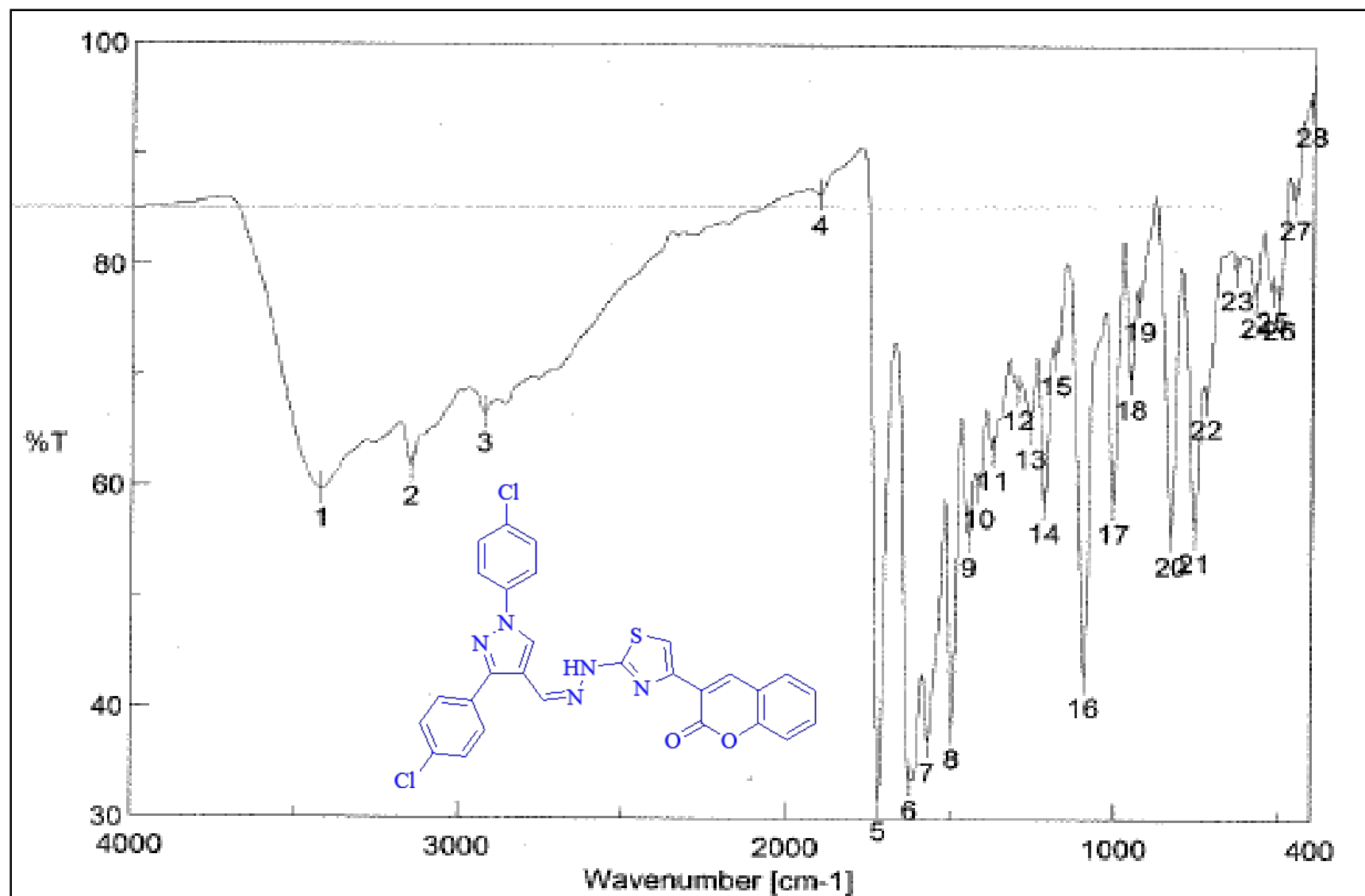
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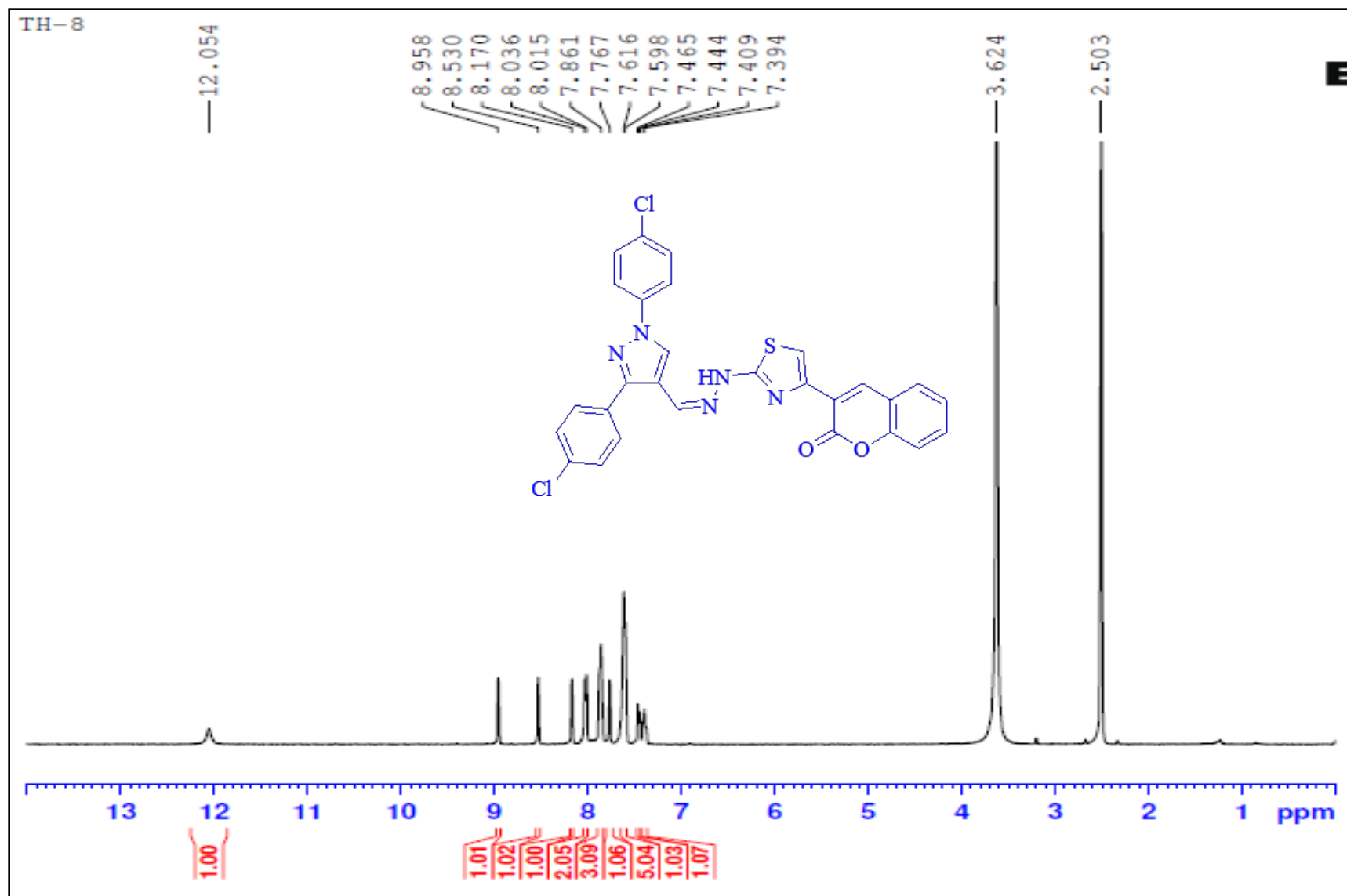
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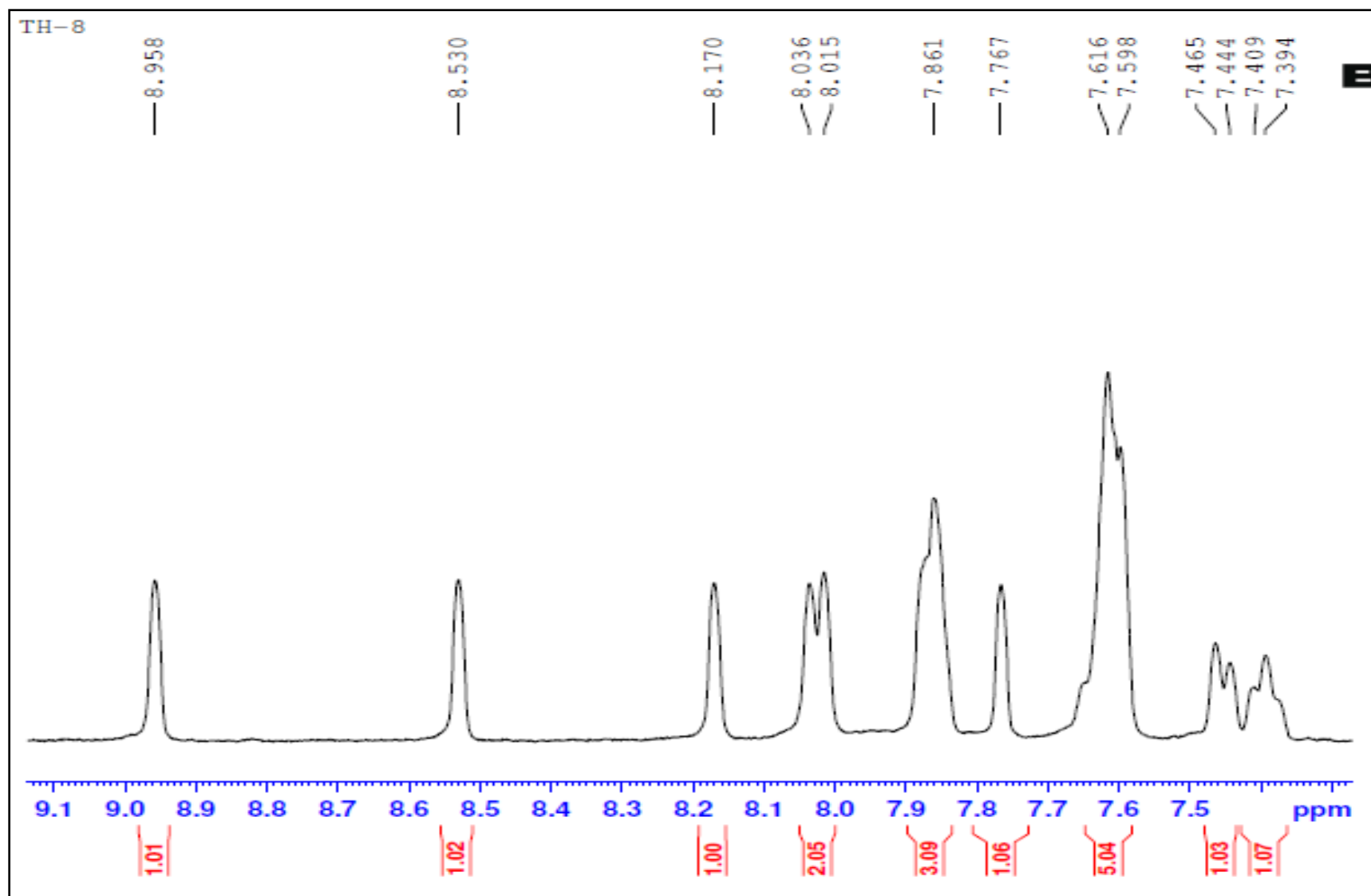
IR spectrum of 10h



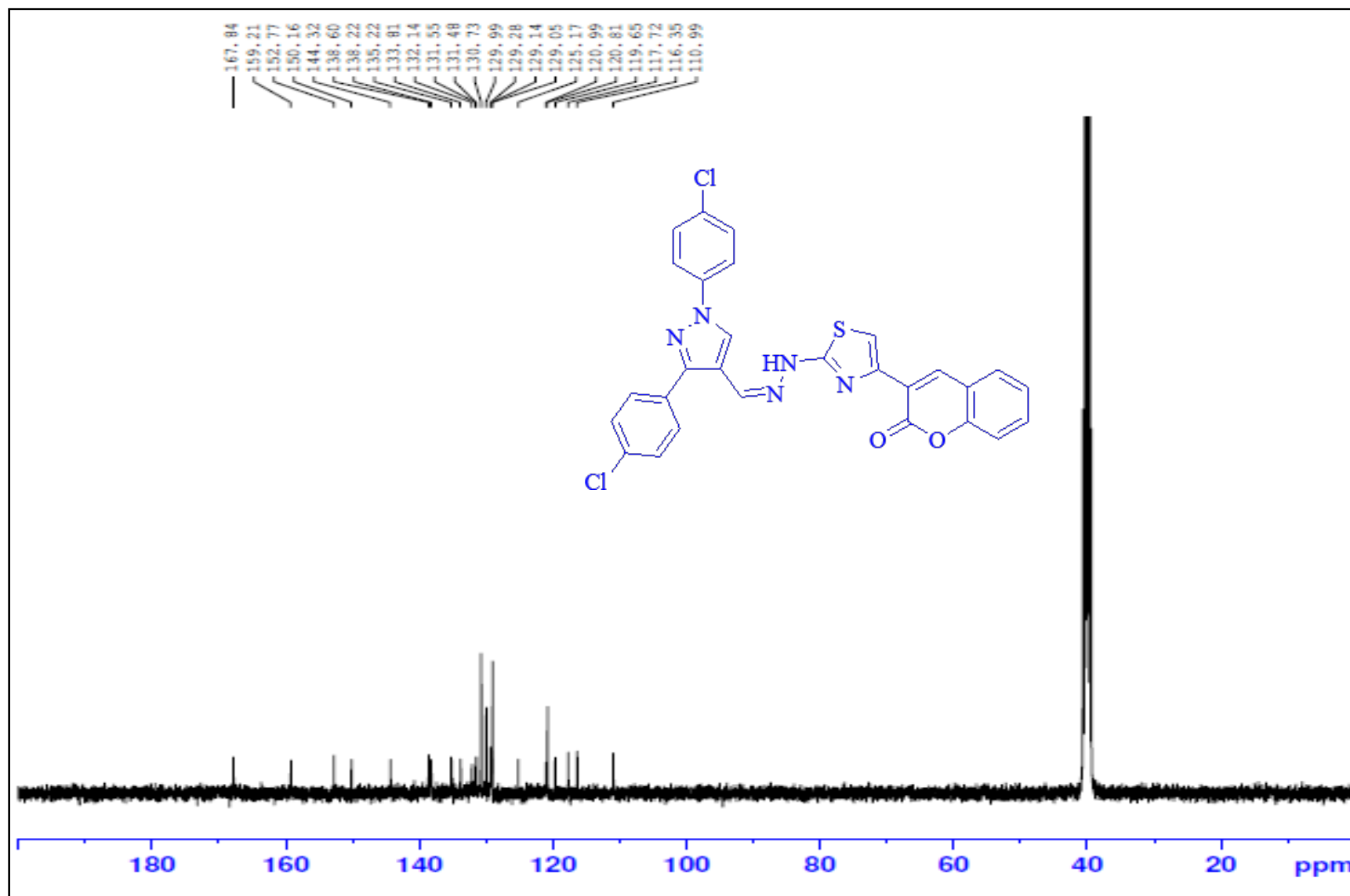
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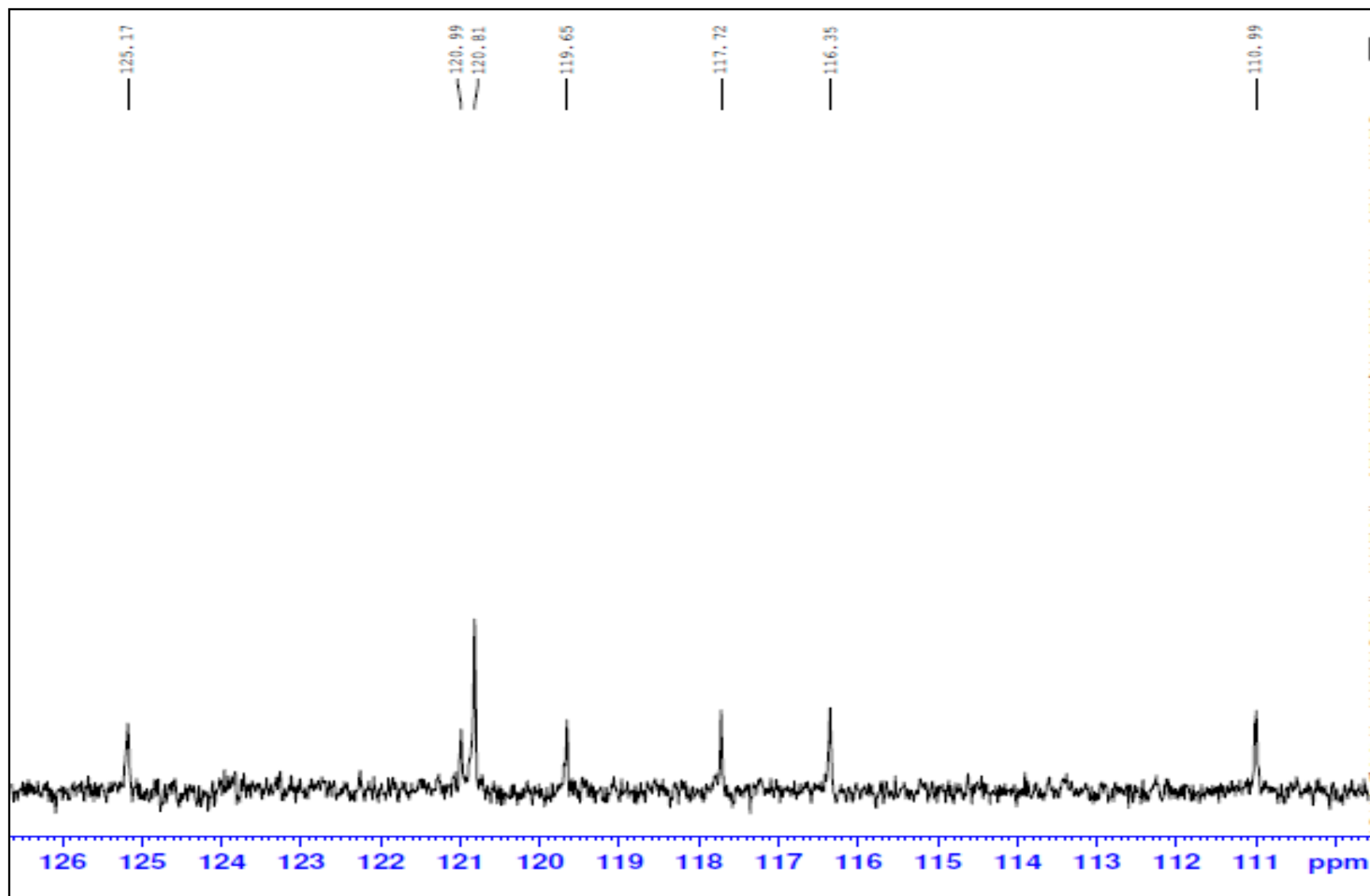
Expanded spectrum of 10h (^1H NMR)



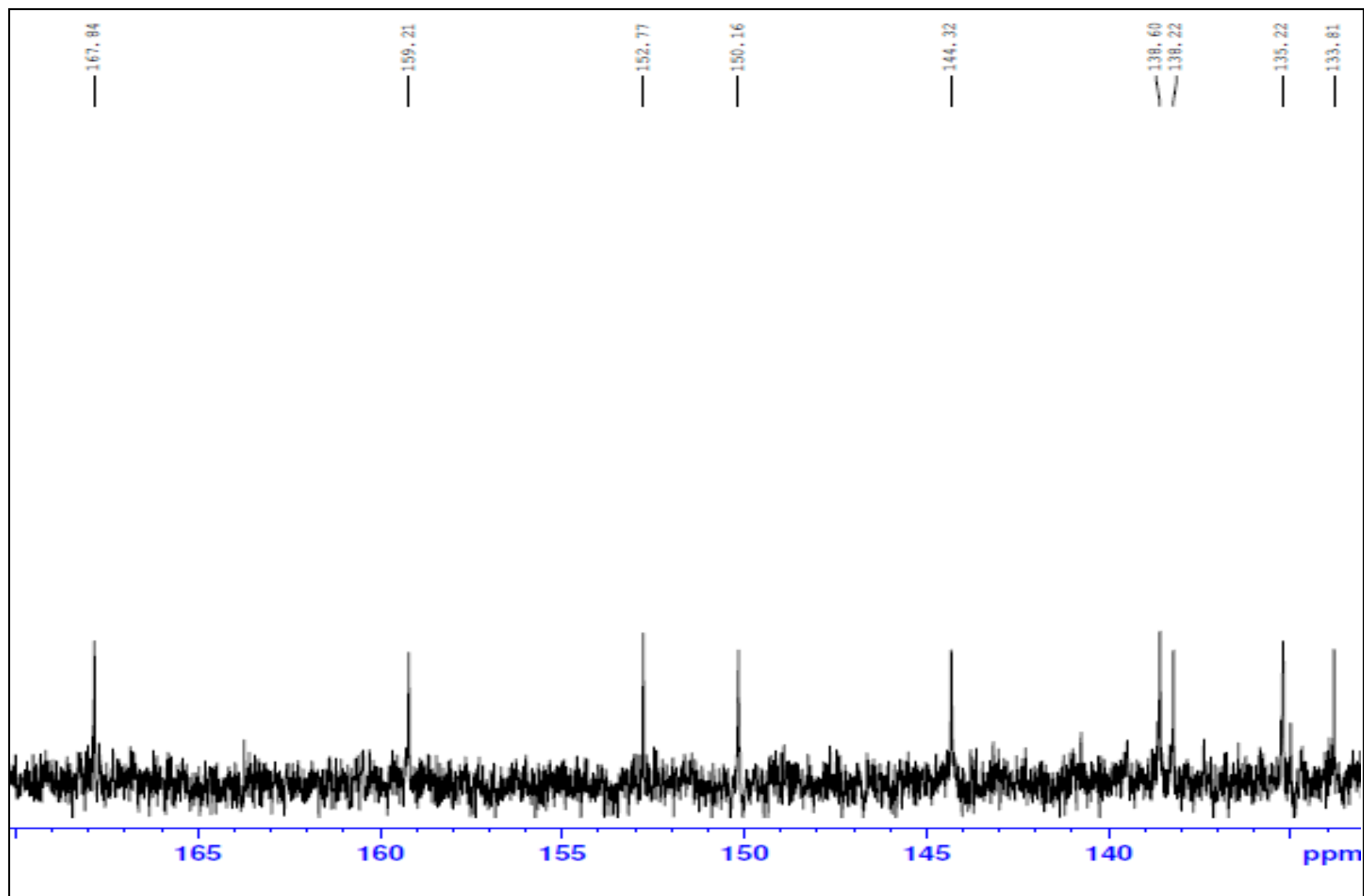
¹³C NMR spectrum of 10h- DMSO-d₆-100 MHz



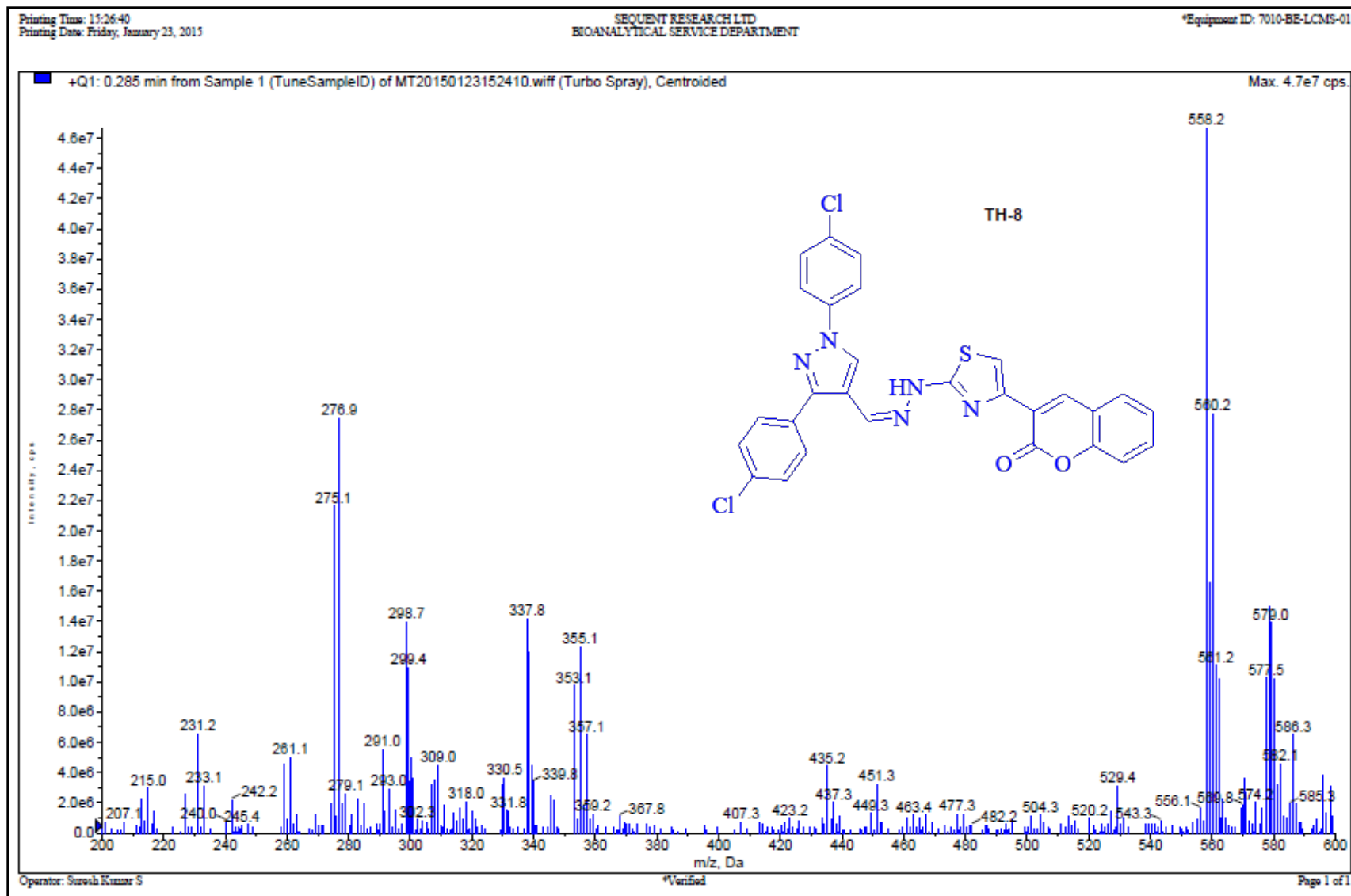
Expanded spectrum of 10h (^{13}C NMR)



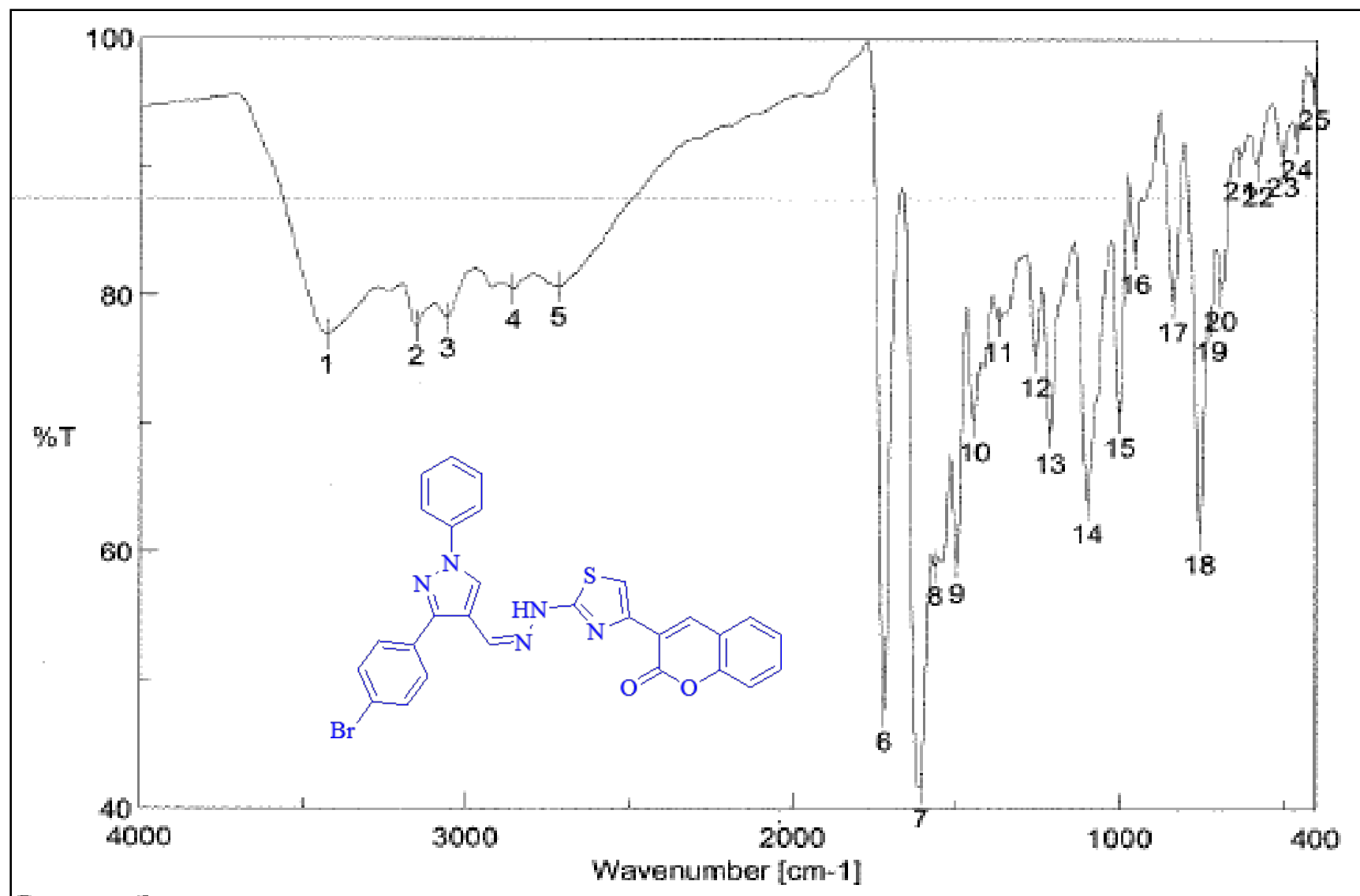
Expanded spectrum of 10h (^{13}C NMR)



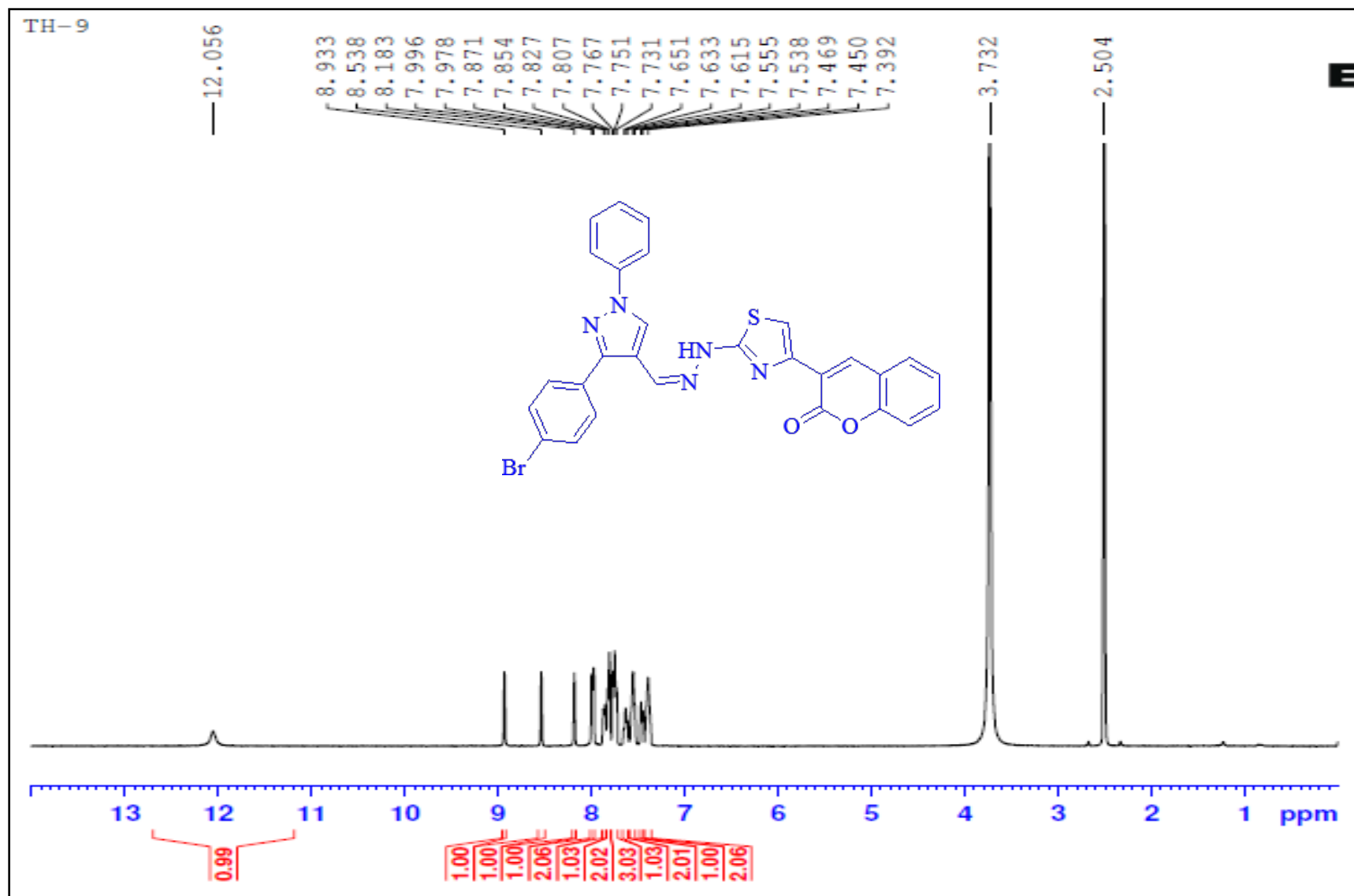
Mass spectrum of 10h



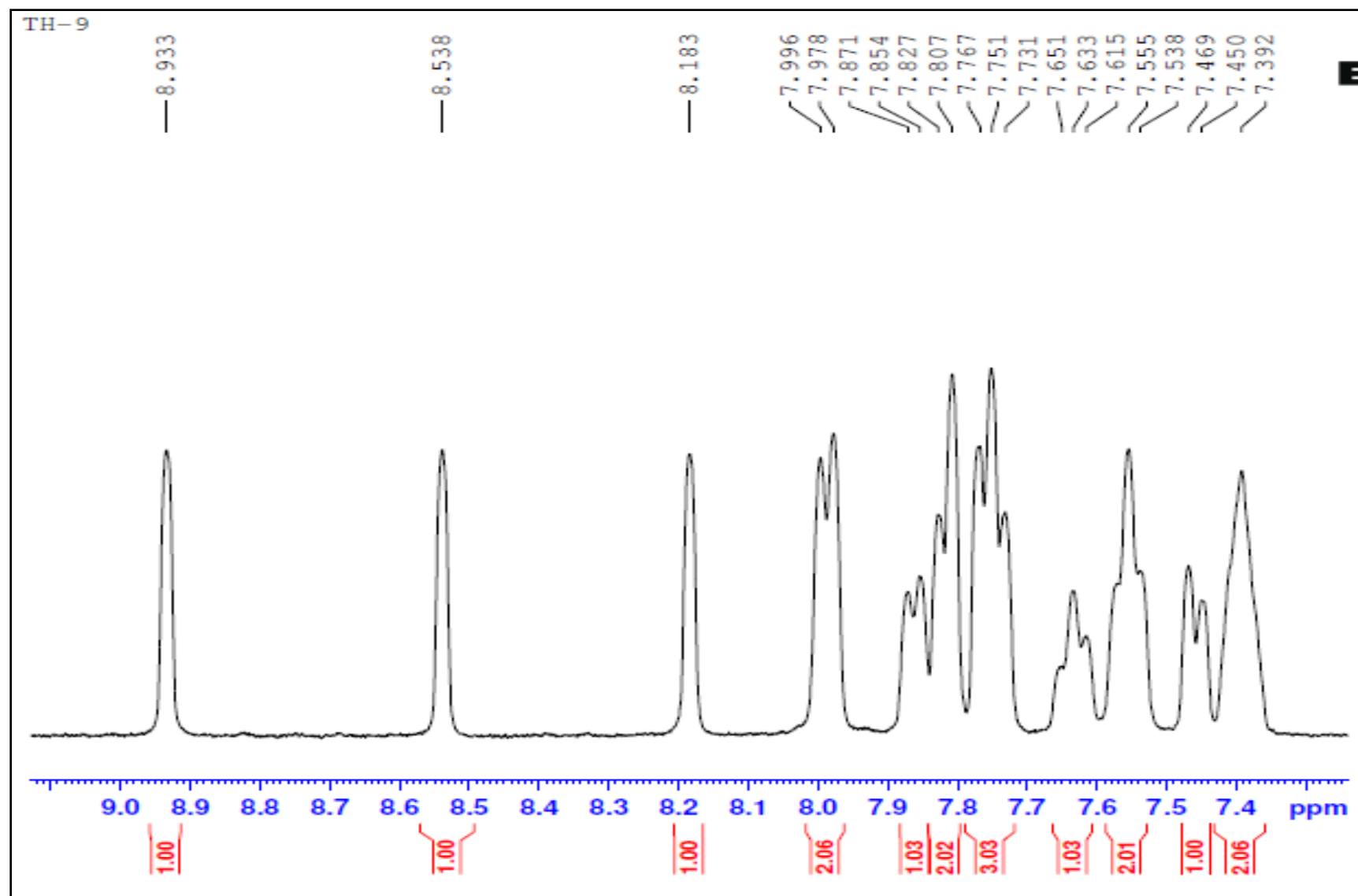
IR spectrum of 10i



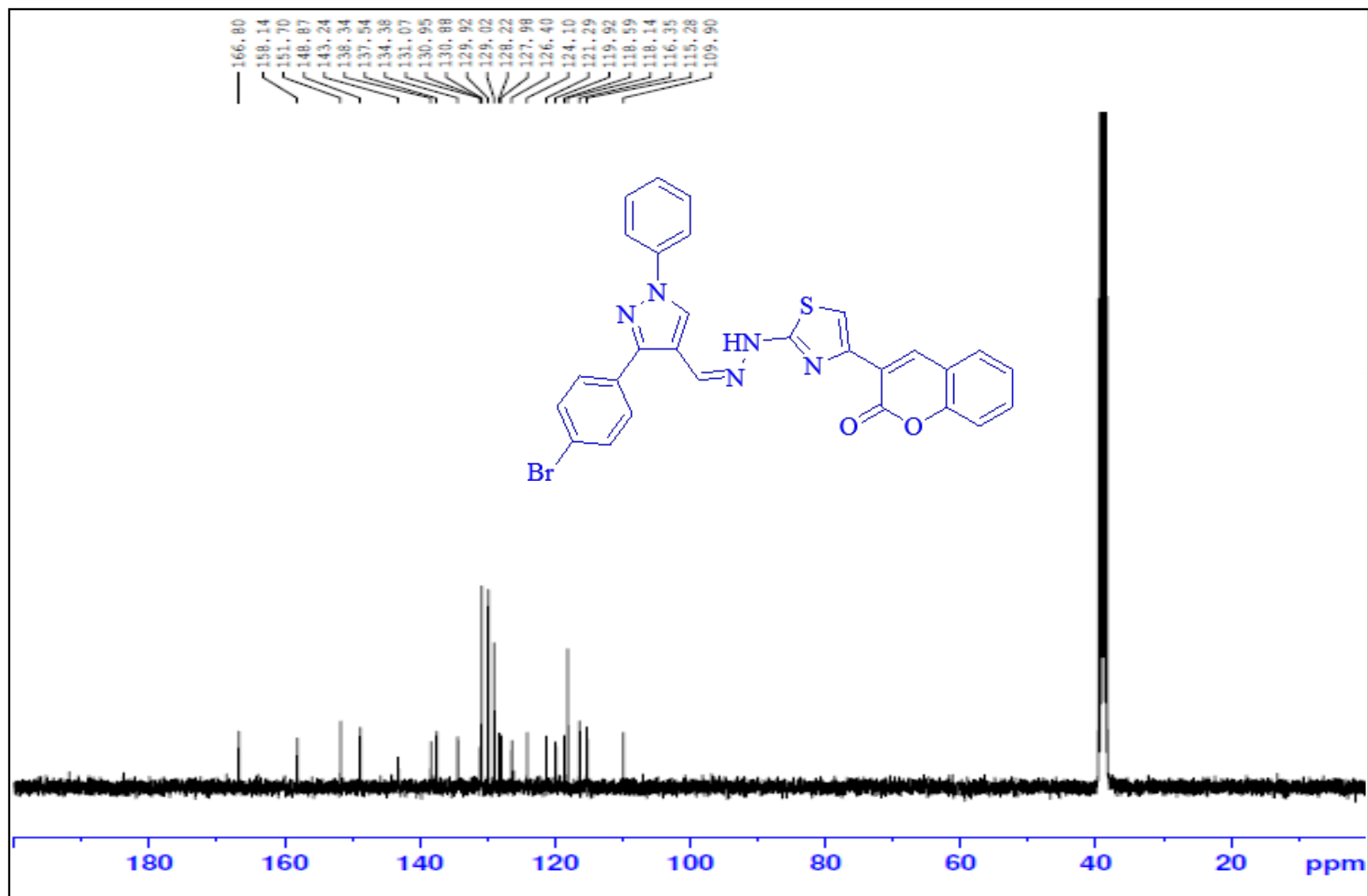
¹H NMR spectrum of 10i-DMSO-d₆-400 MHz



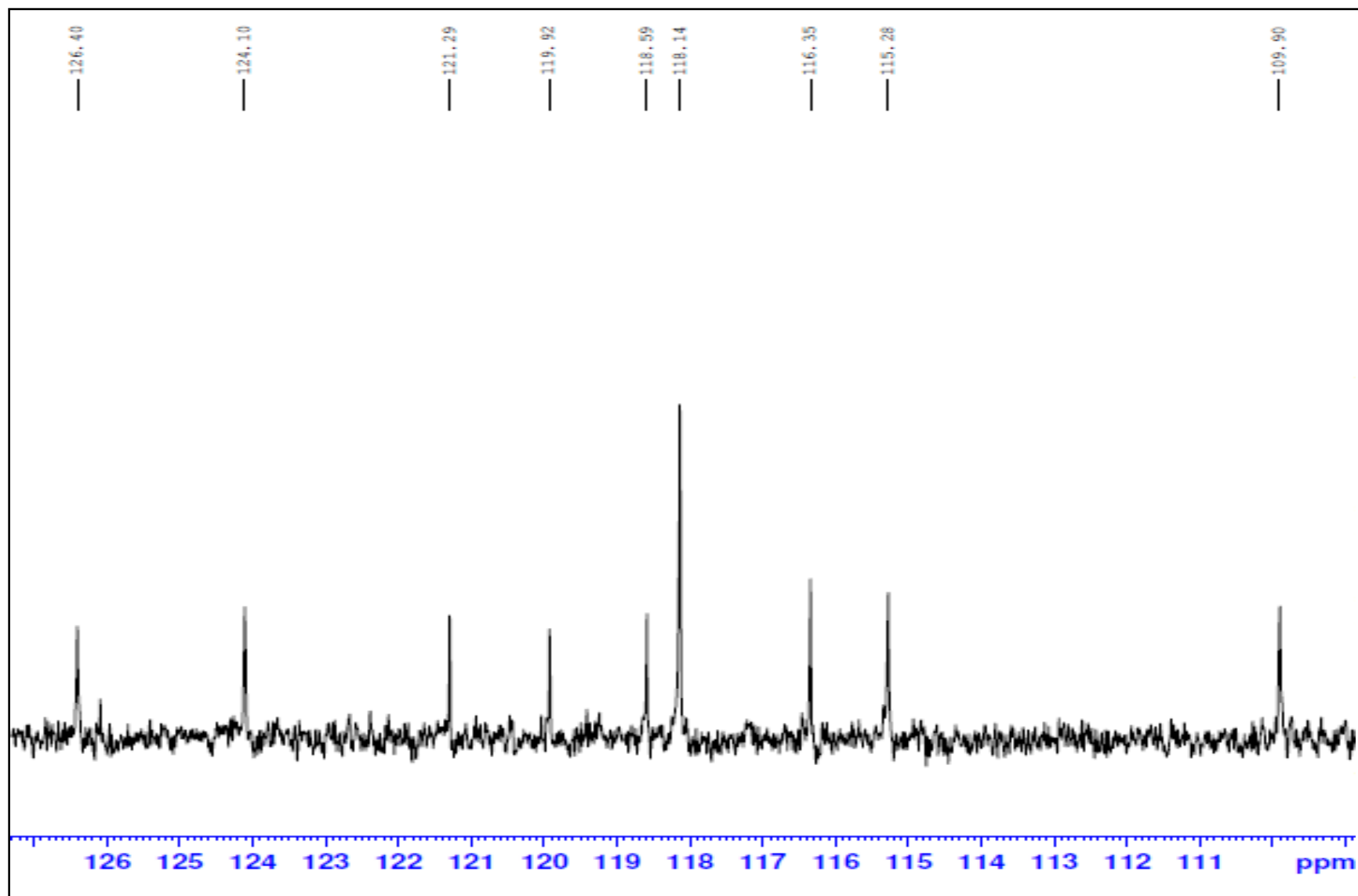
Expanded spectrum 10i (^1H NMR)



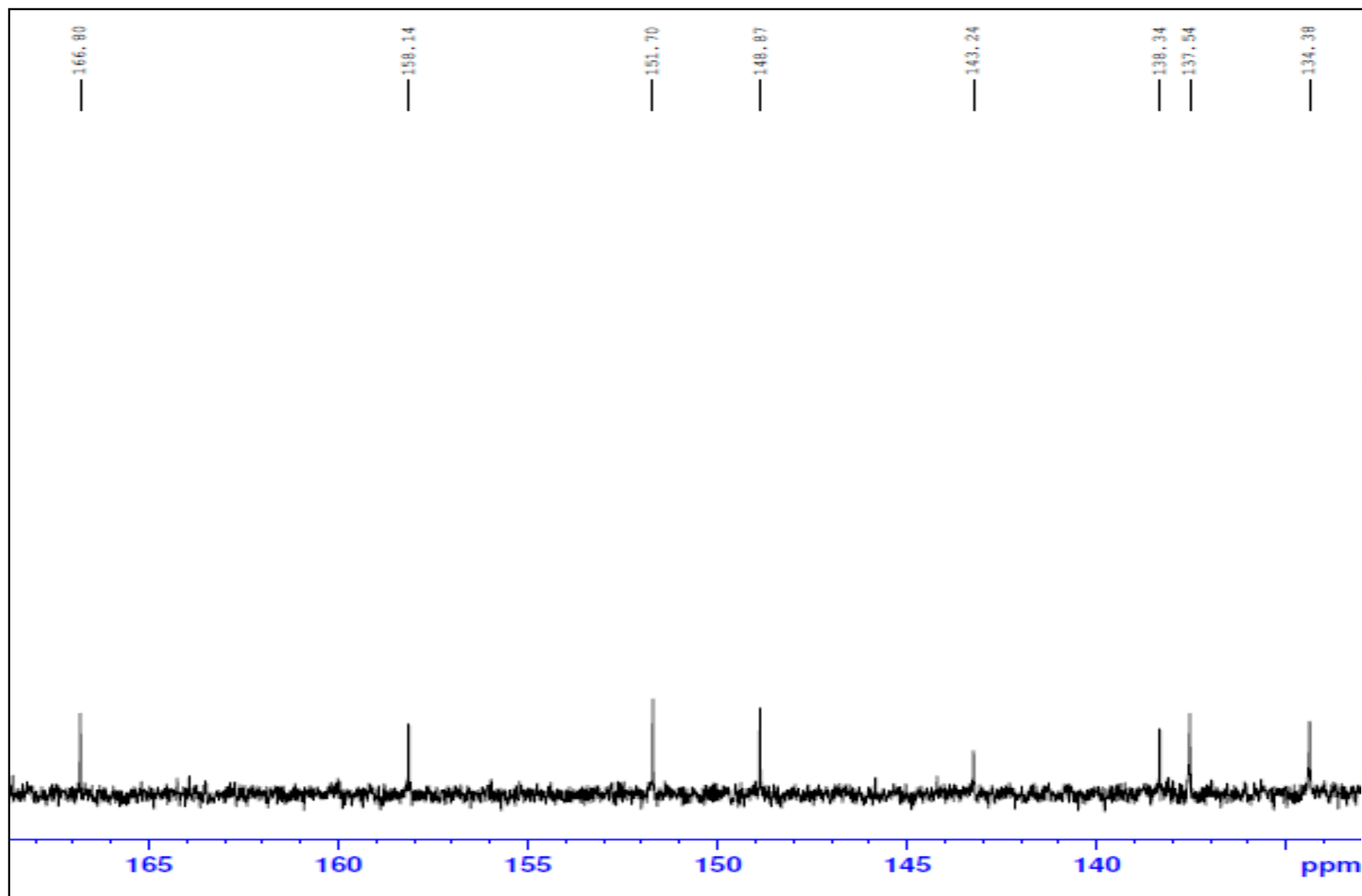
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Expanded spectrum of 10i (^{13}C NMR)



Expanded spectrum of 10i (^{13}C NMR)

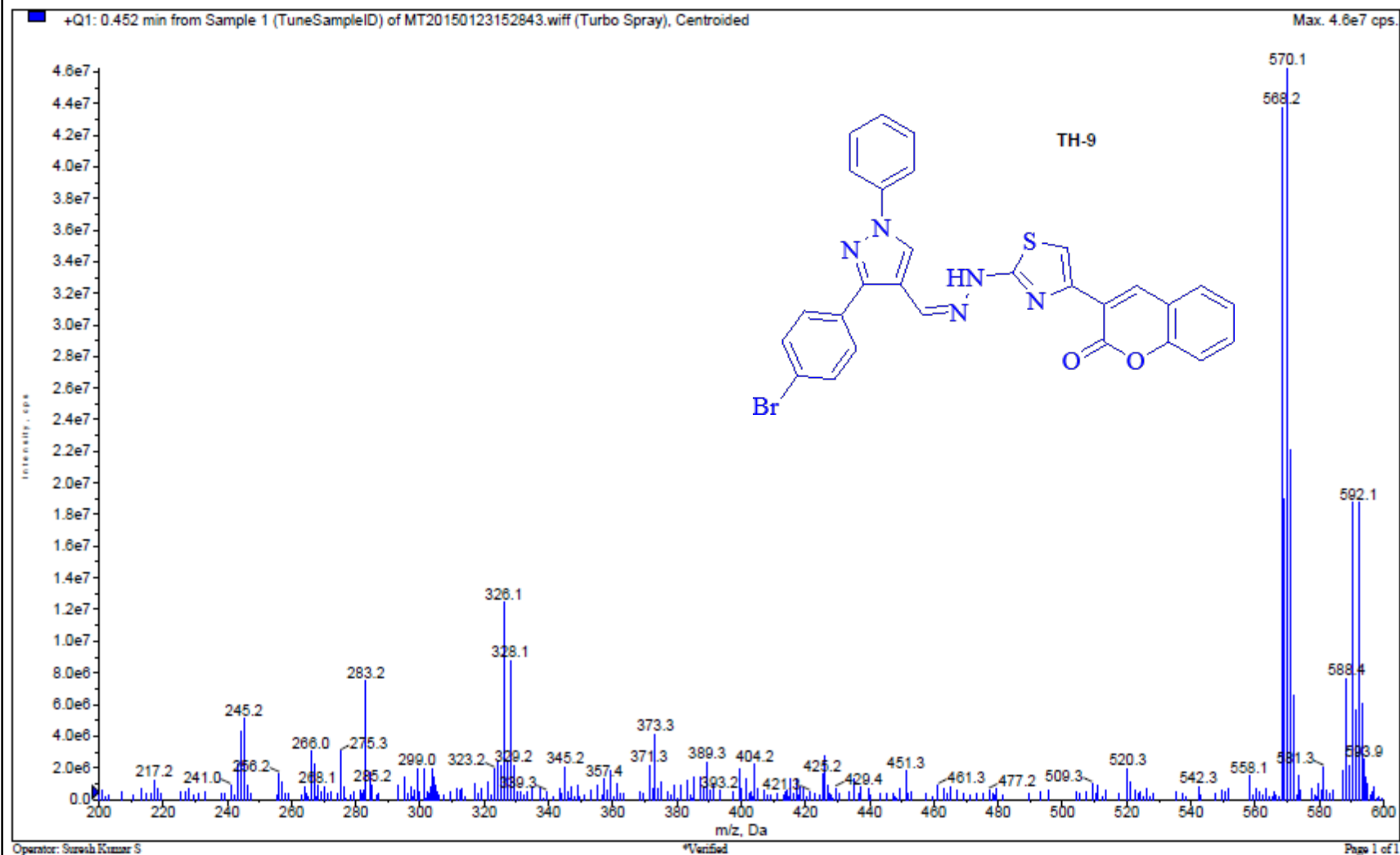


Mass spectrum of 10i

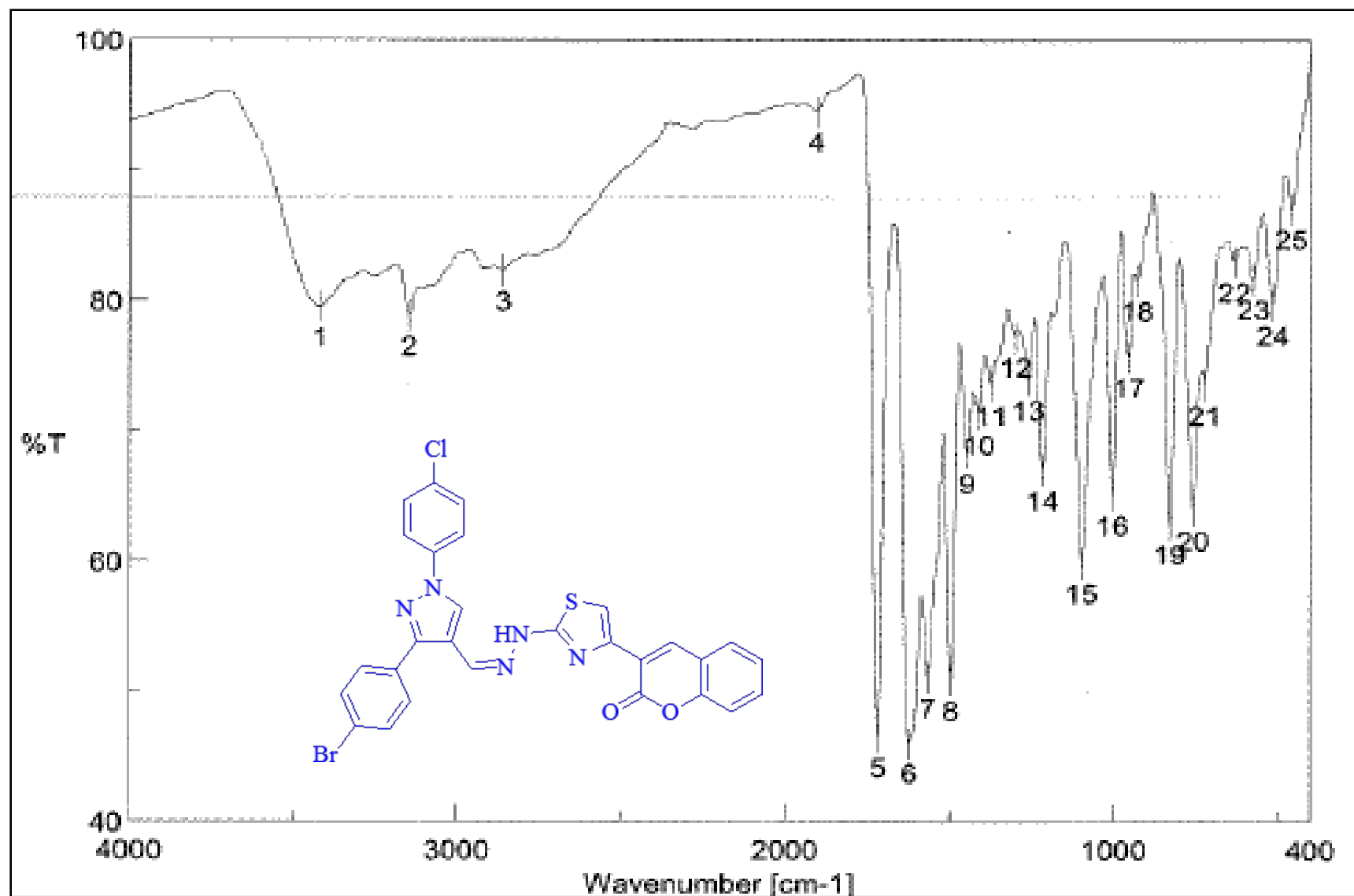
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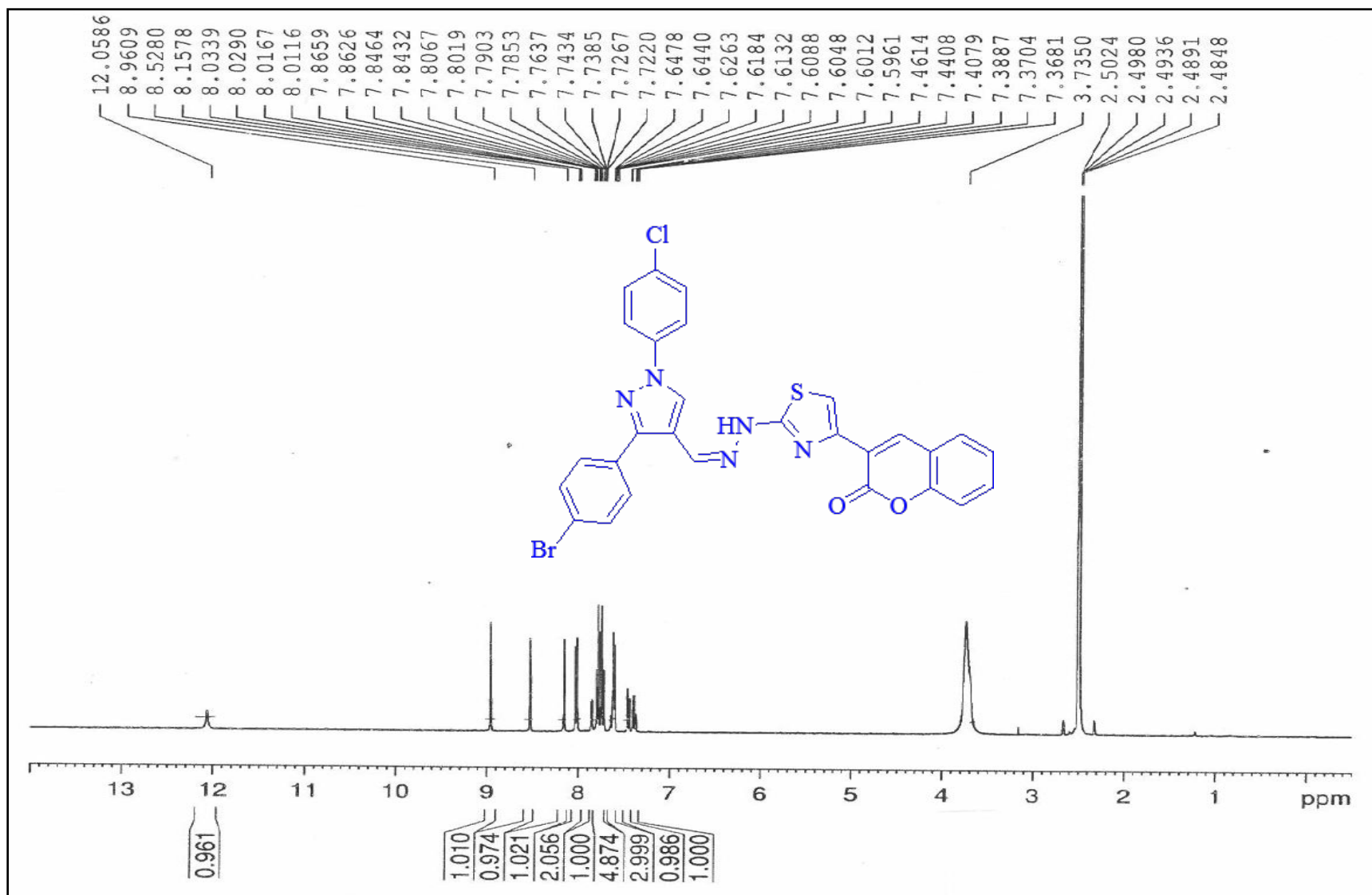
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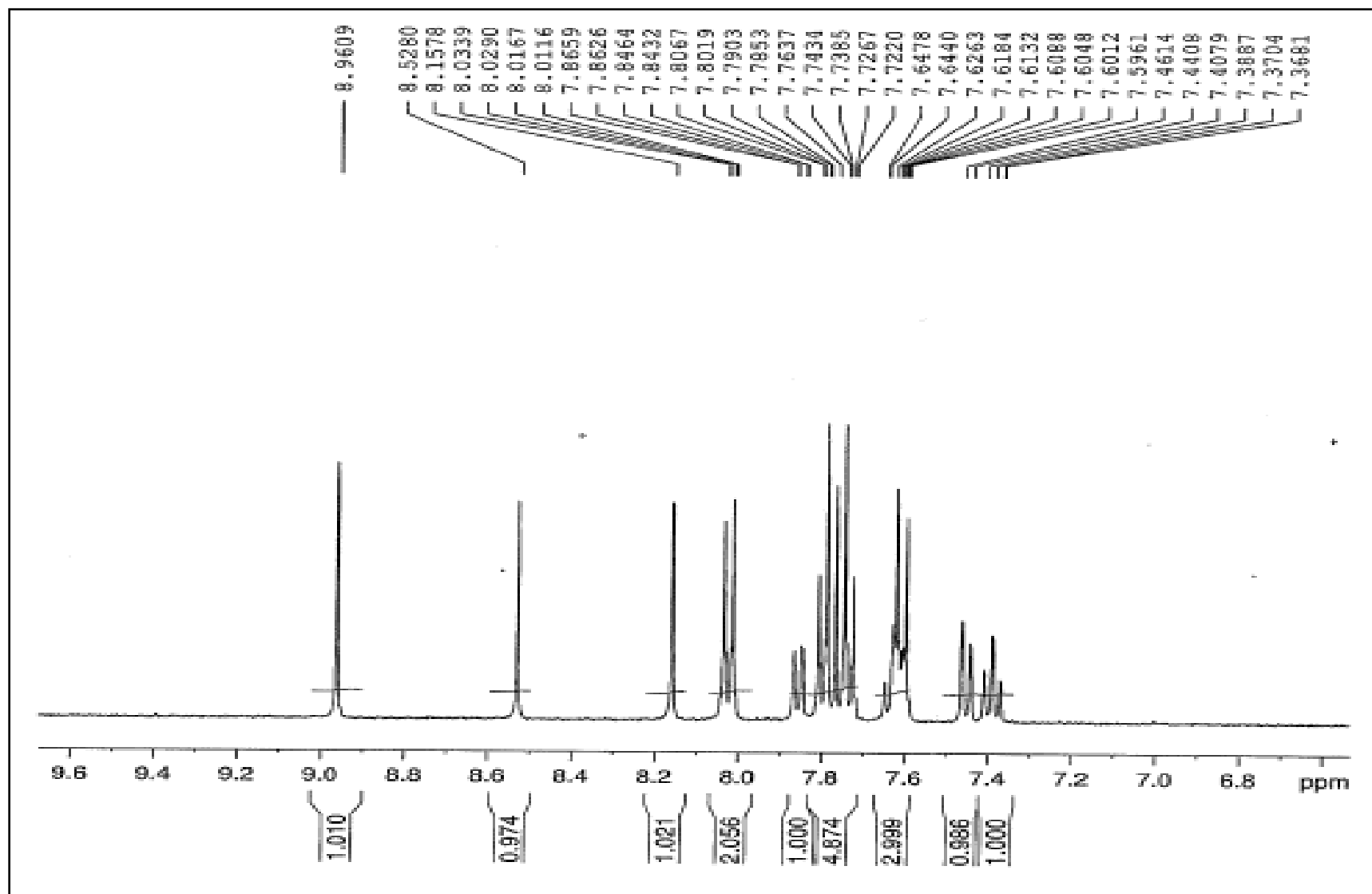
IR spectrum of 10j



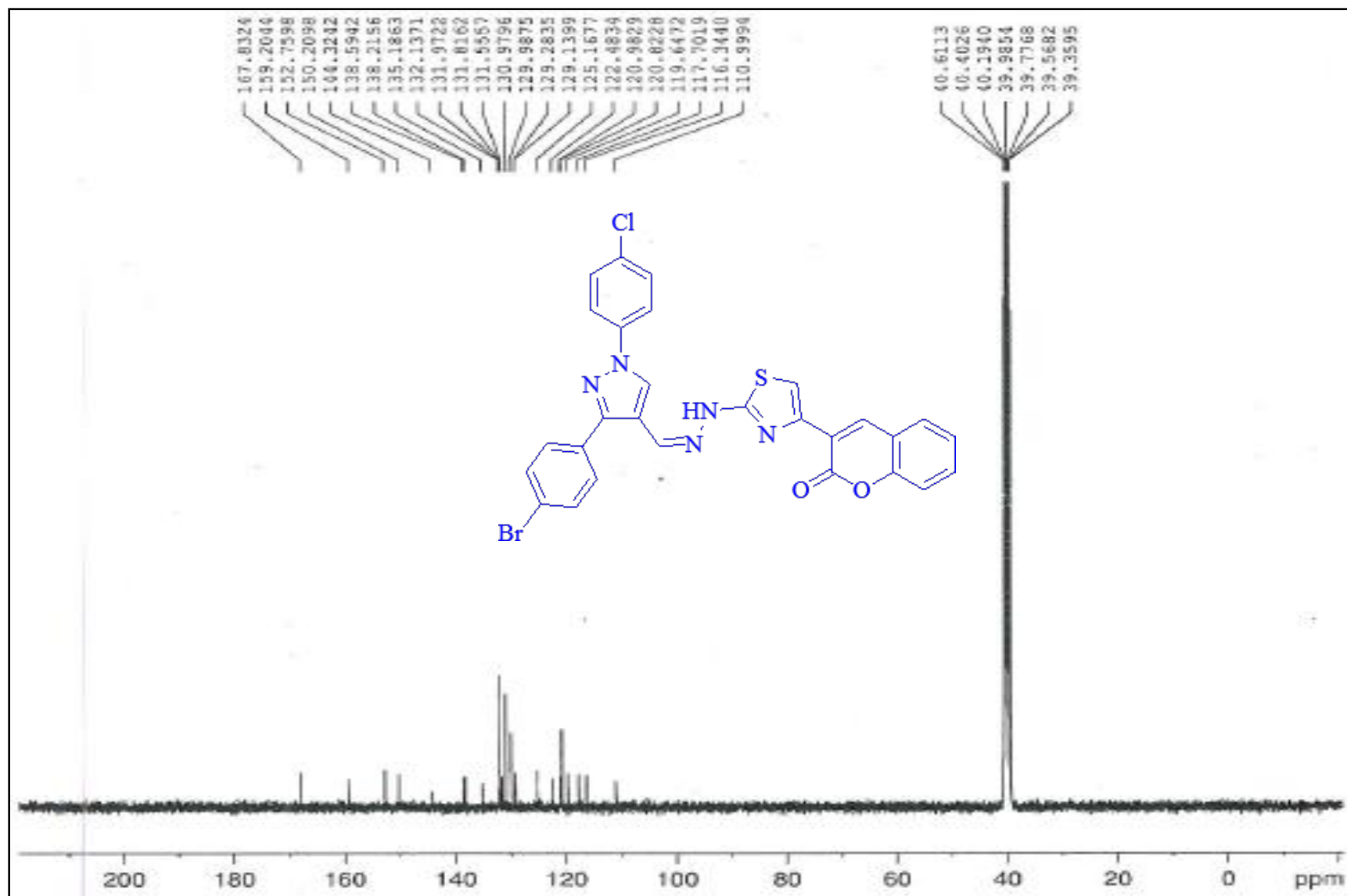
¹H NMR spectrum of 10j-DMSO-d₆-400 MHz



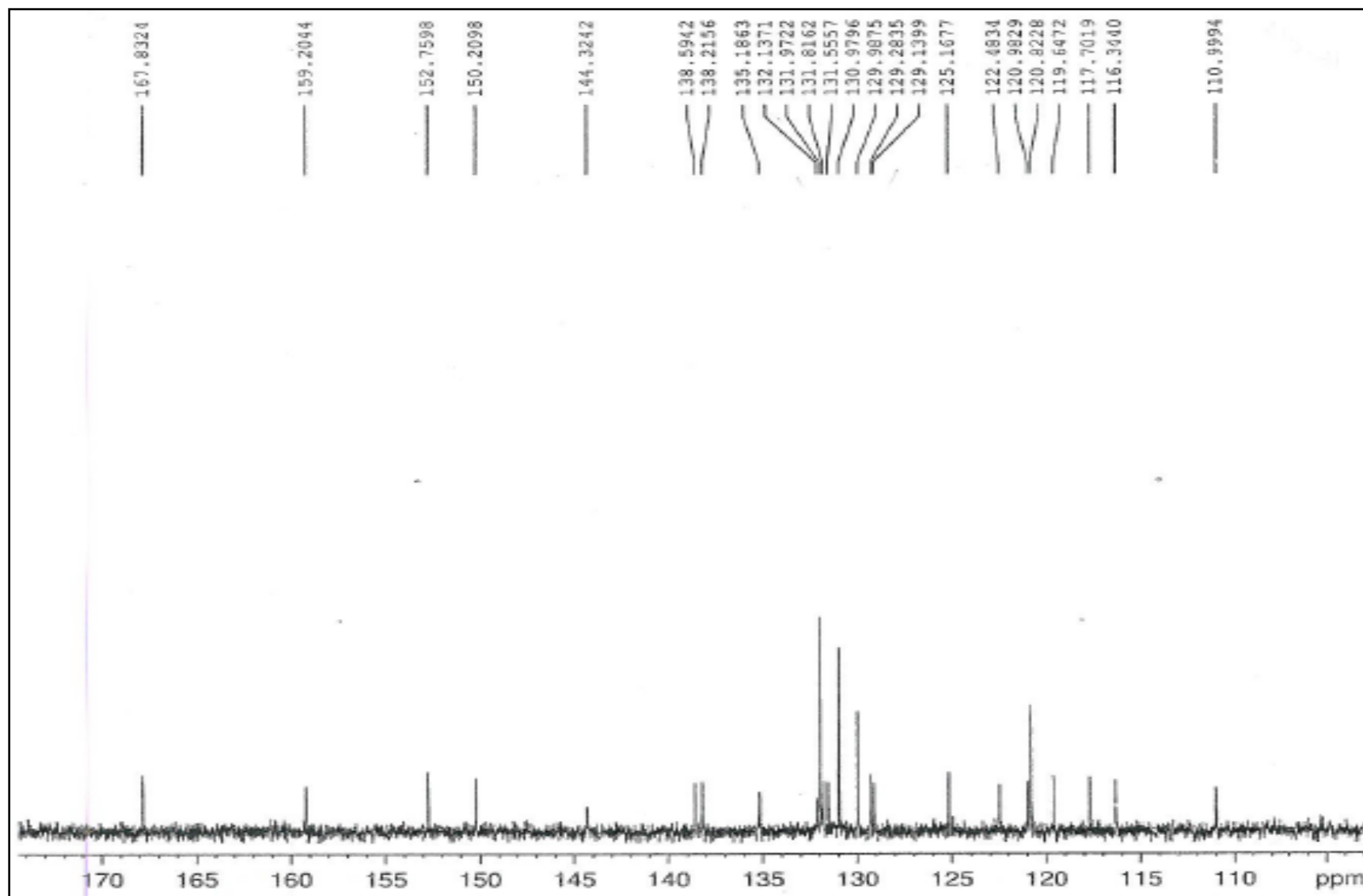
Expanded spectrum of 10j (^1H NMR)



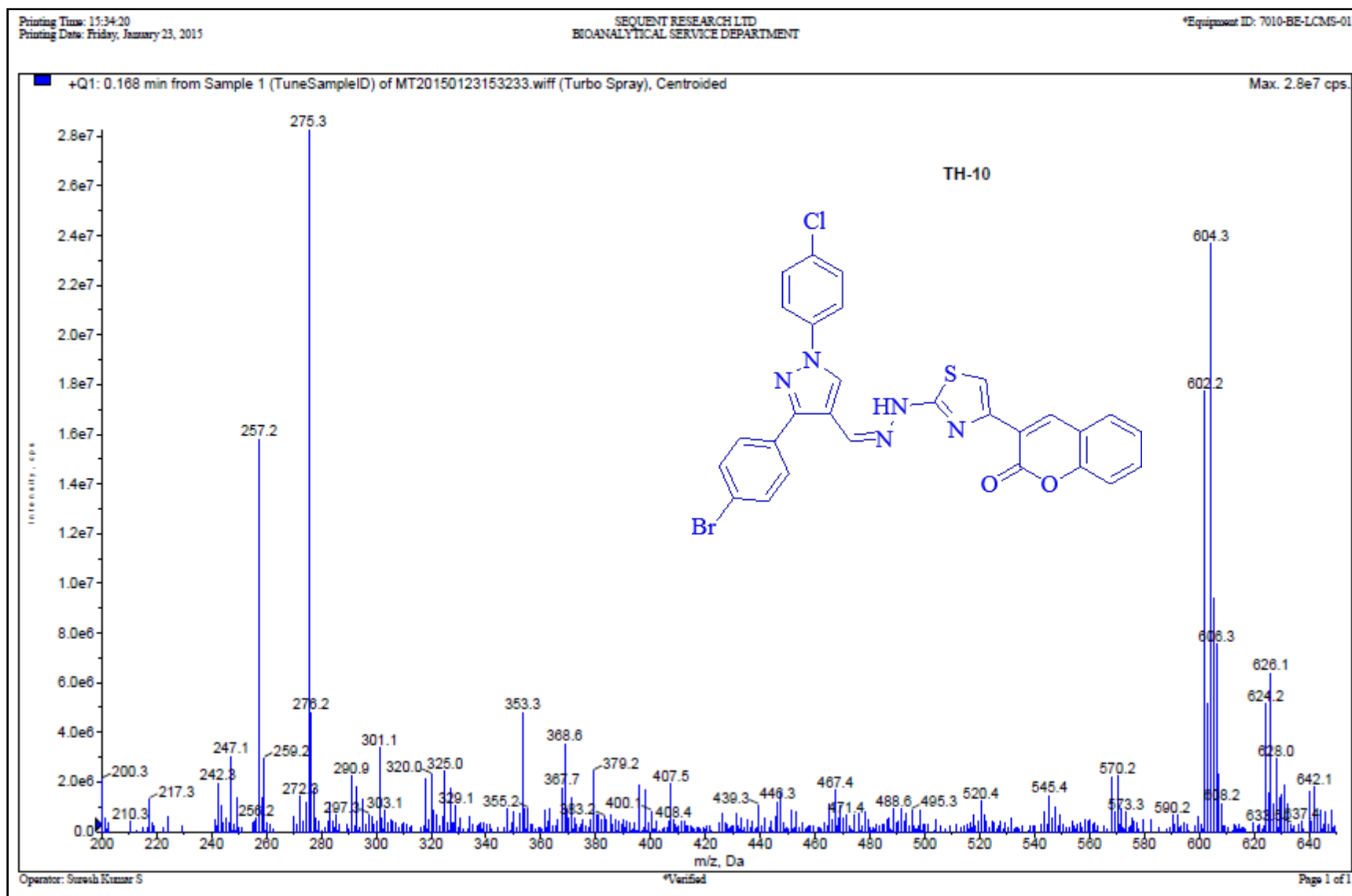
¹³C NMR spectrum of 10j- DMSO-d₆-100 MHz



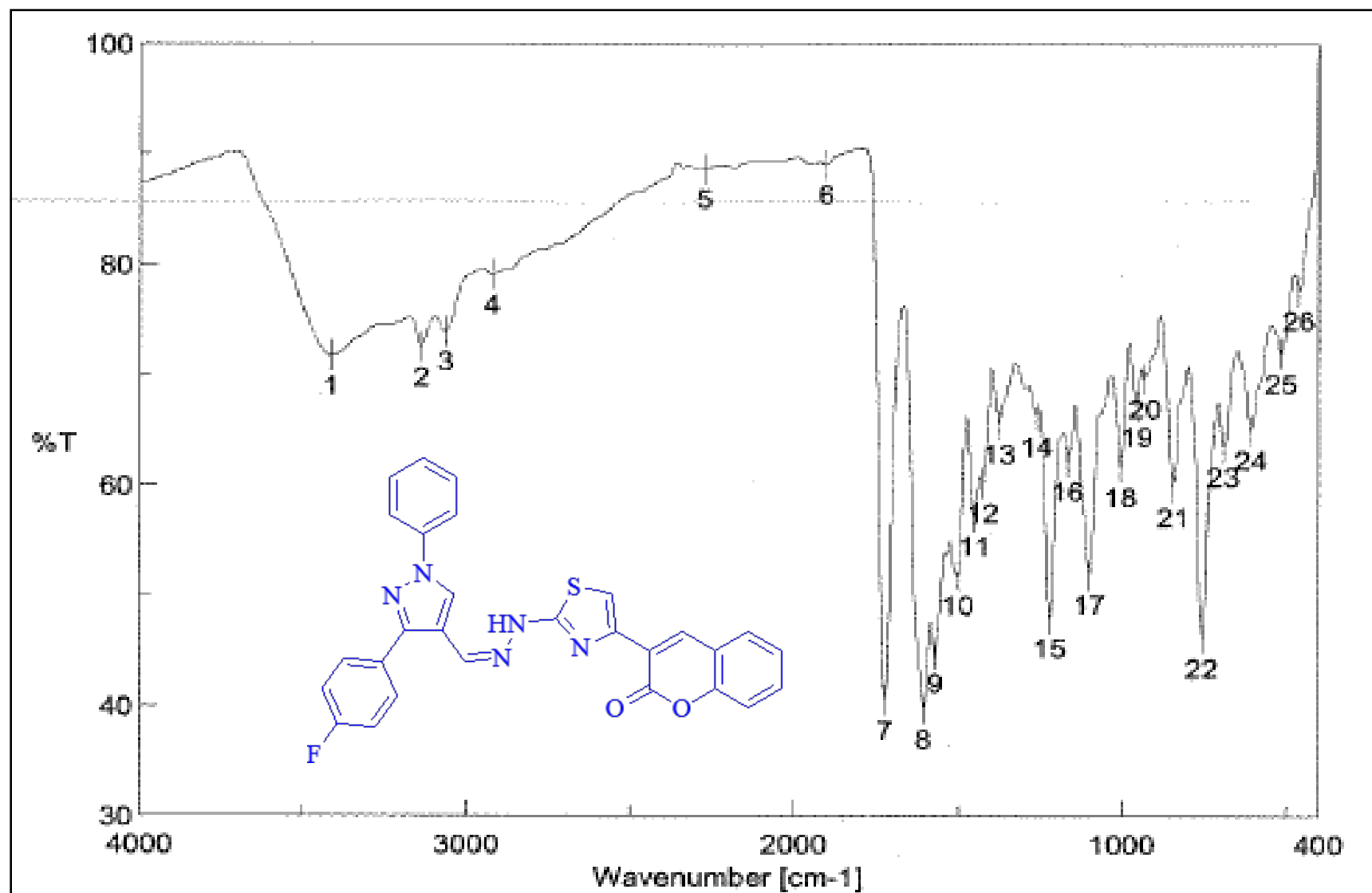
Expanded spectrum of 10j (^{13}C NMR)



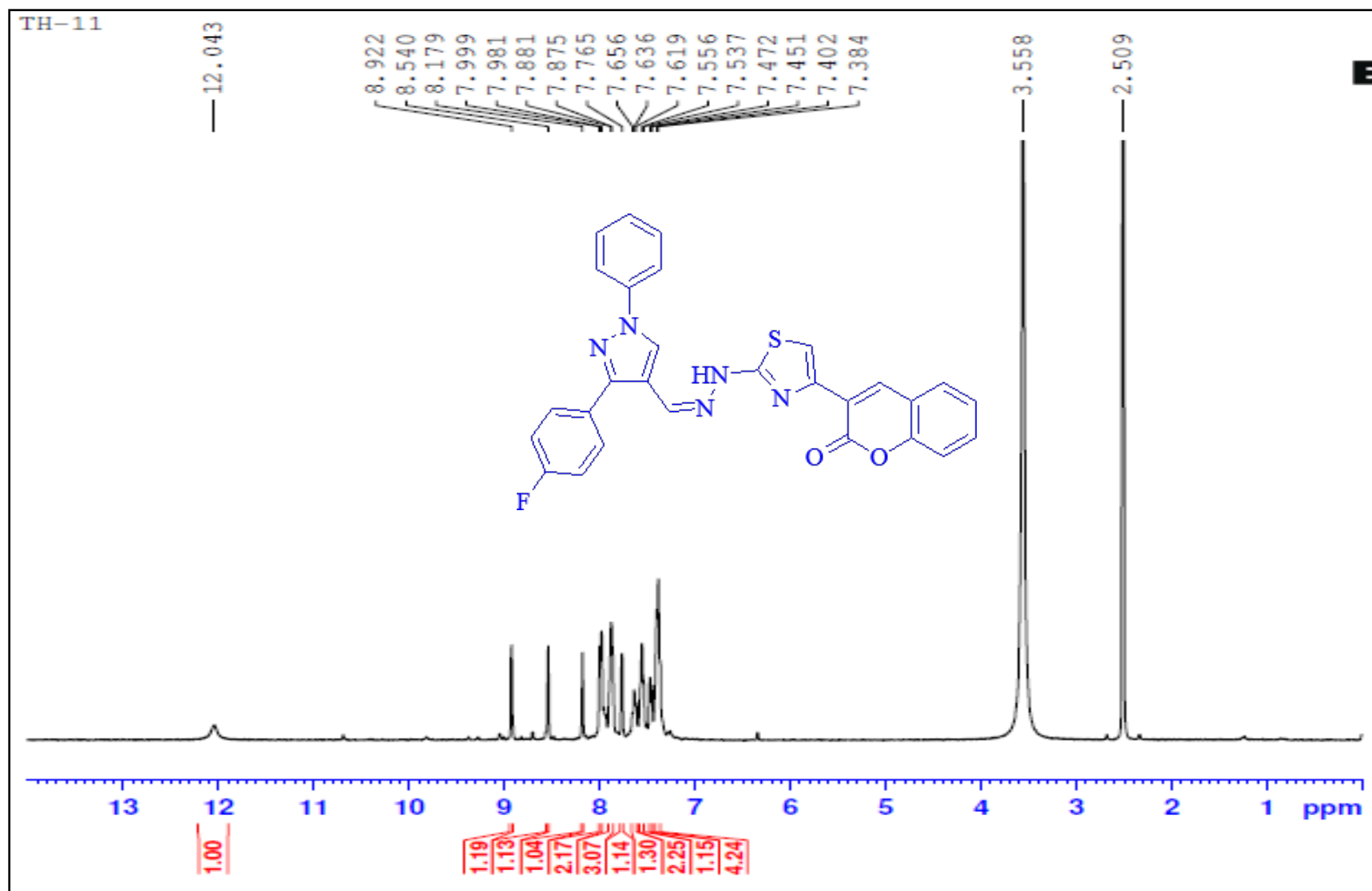
Mass spectrum of 10j



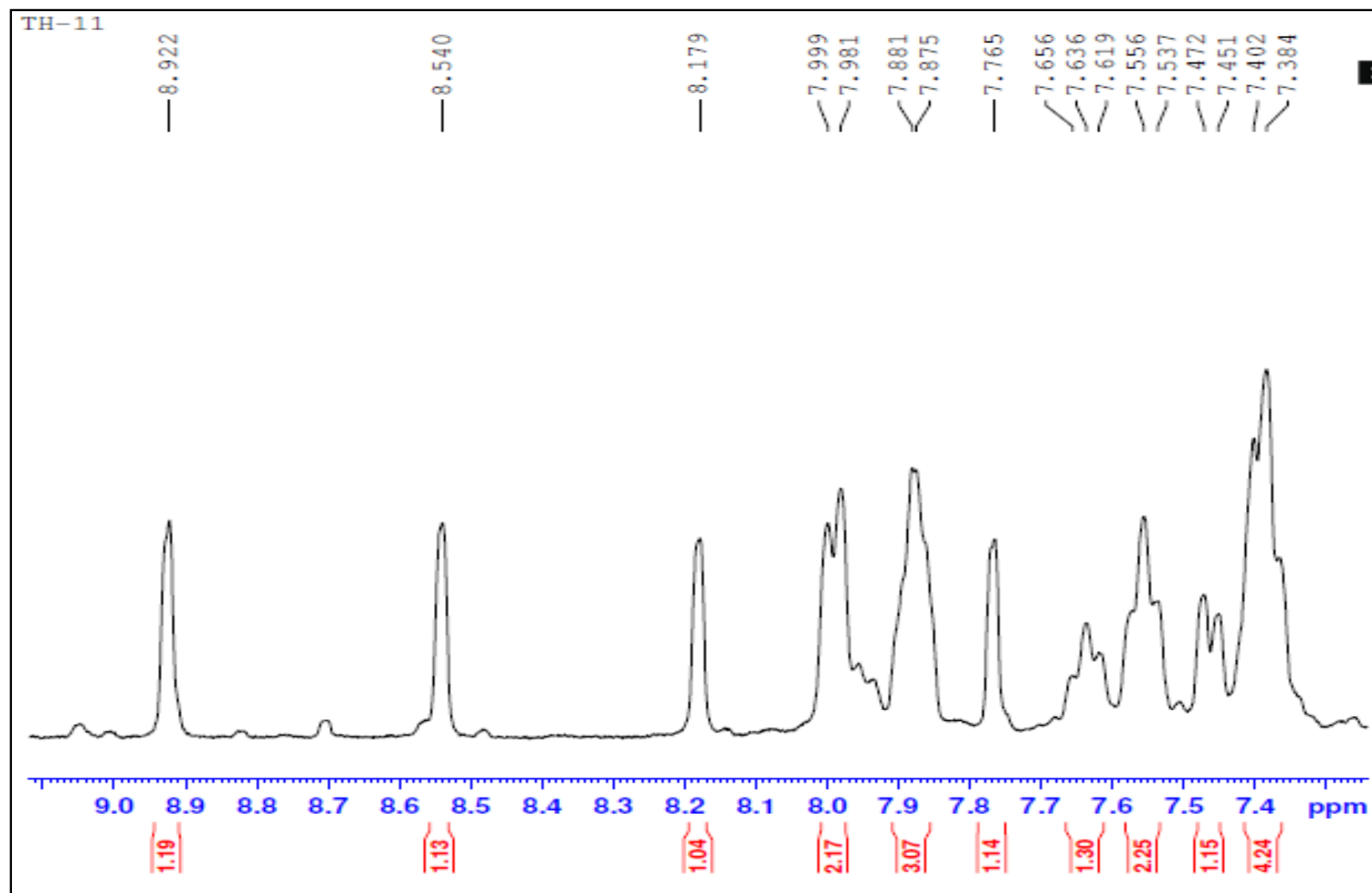
IR spectrum of 10k



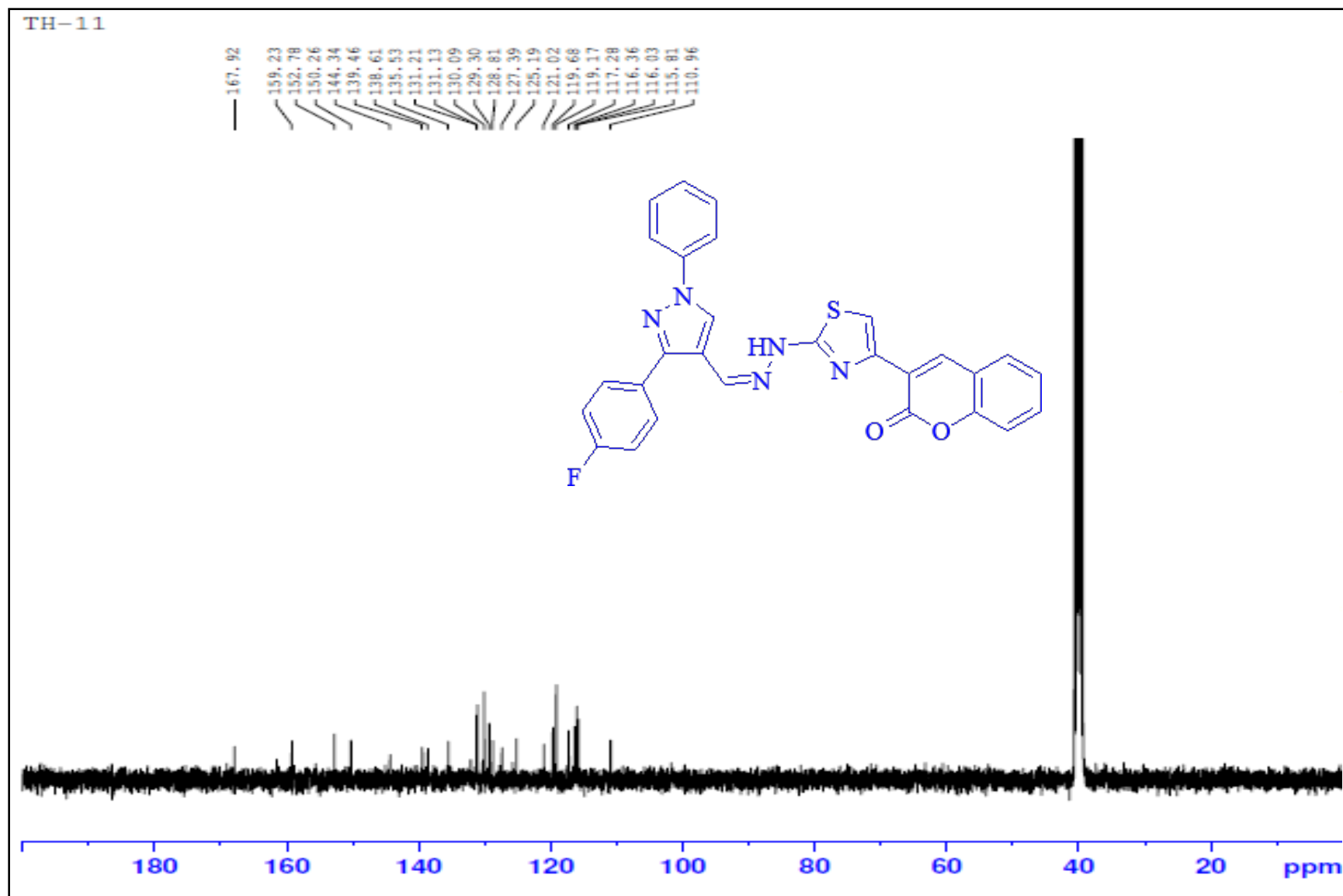
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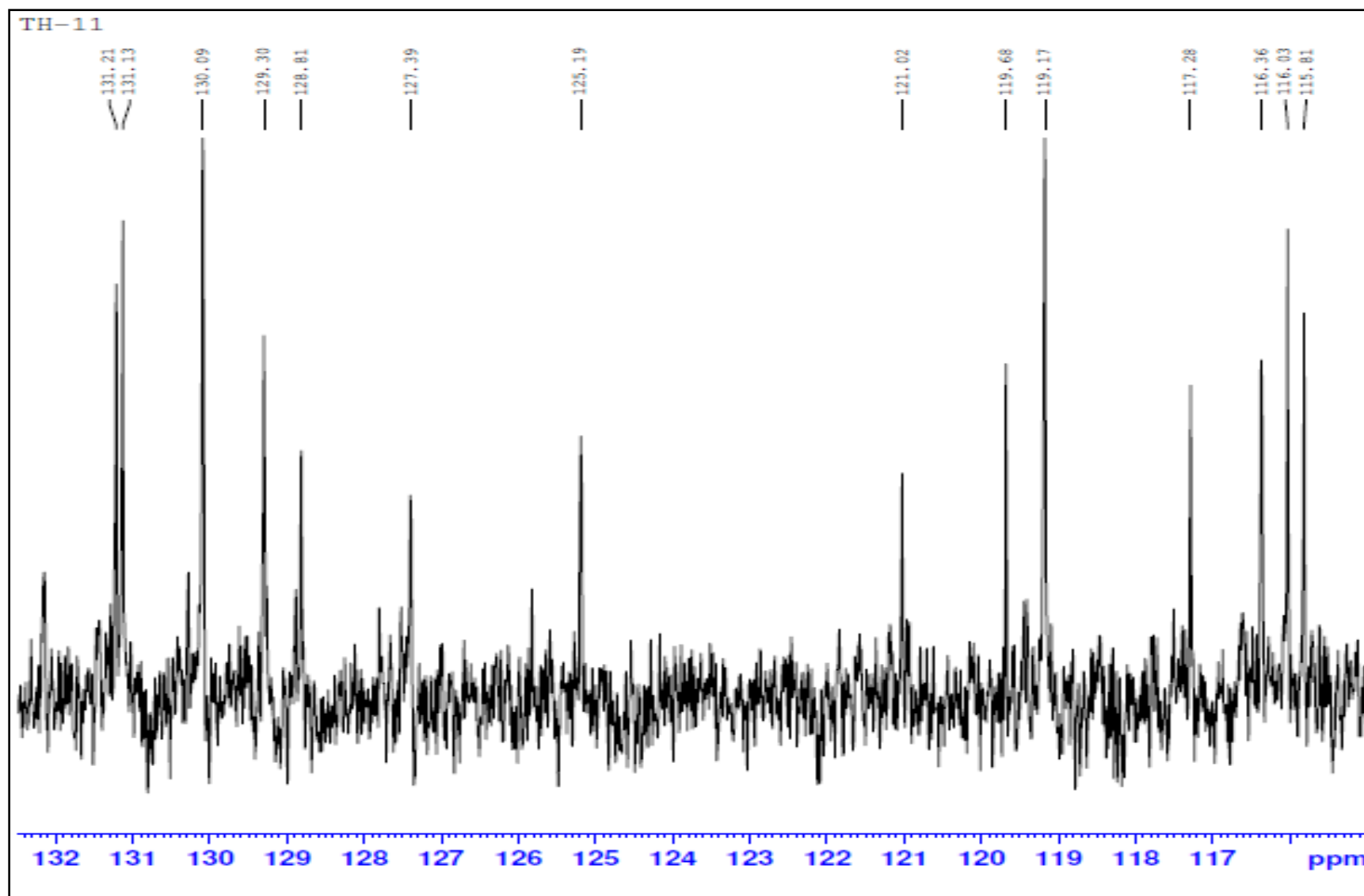
Expanded spectrum of 10k (^1H NMR)



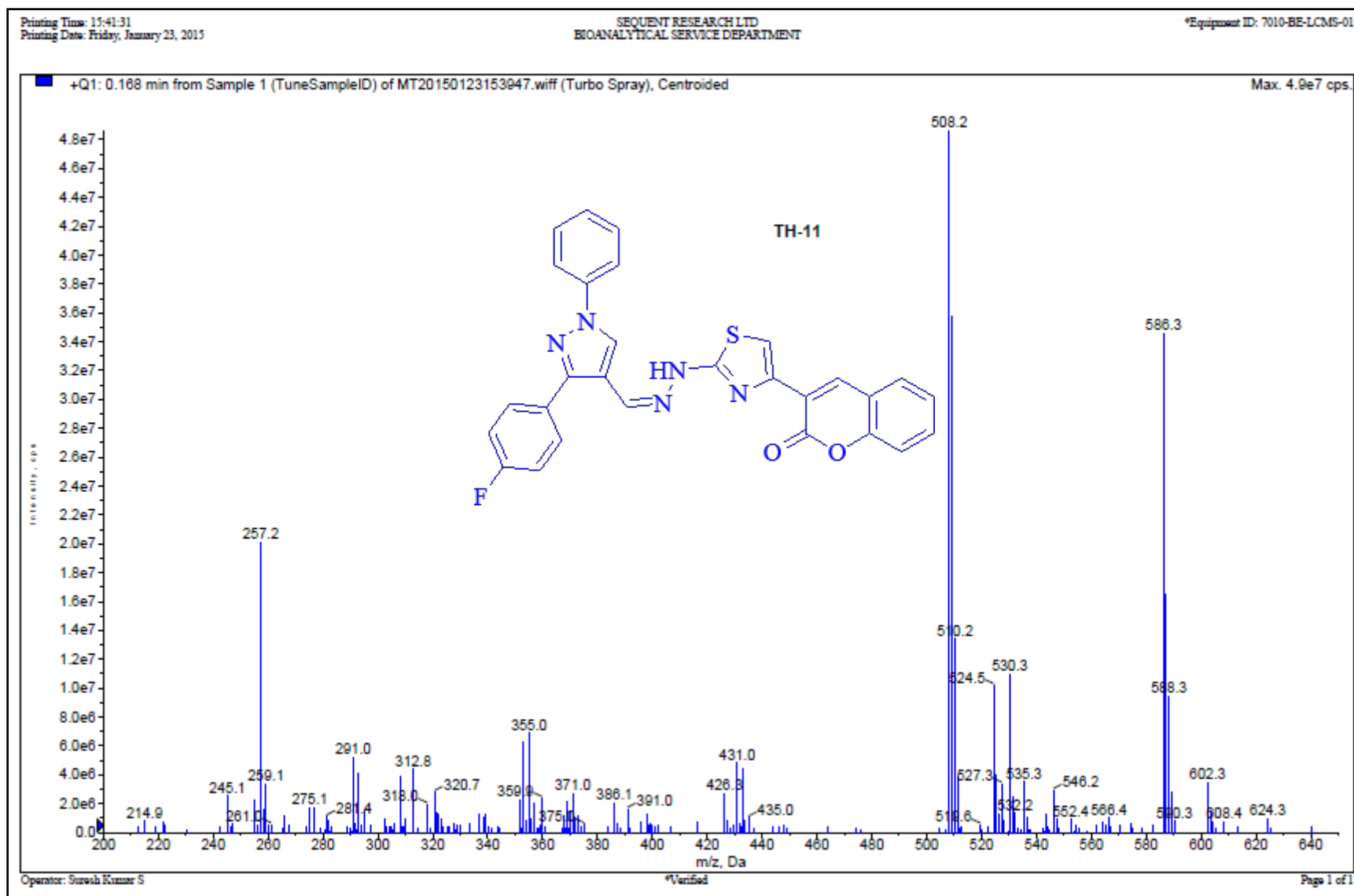
¹³C NMR spectrum of 10k- DMSO-d₆-100 MHz



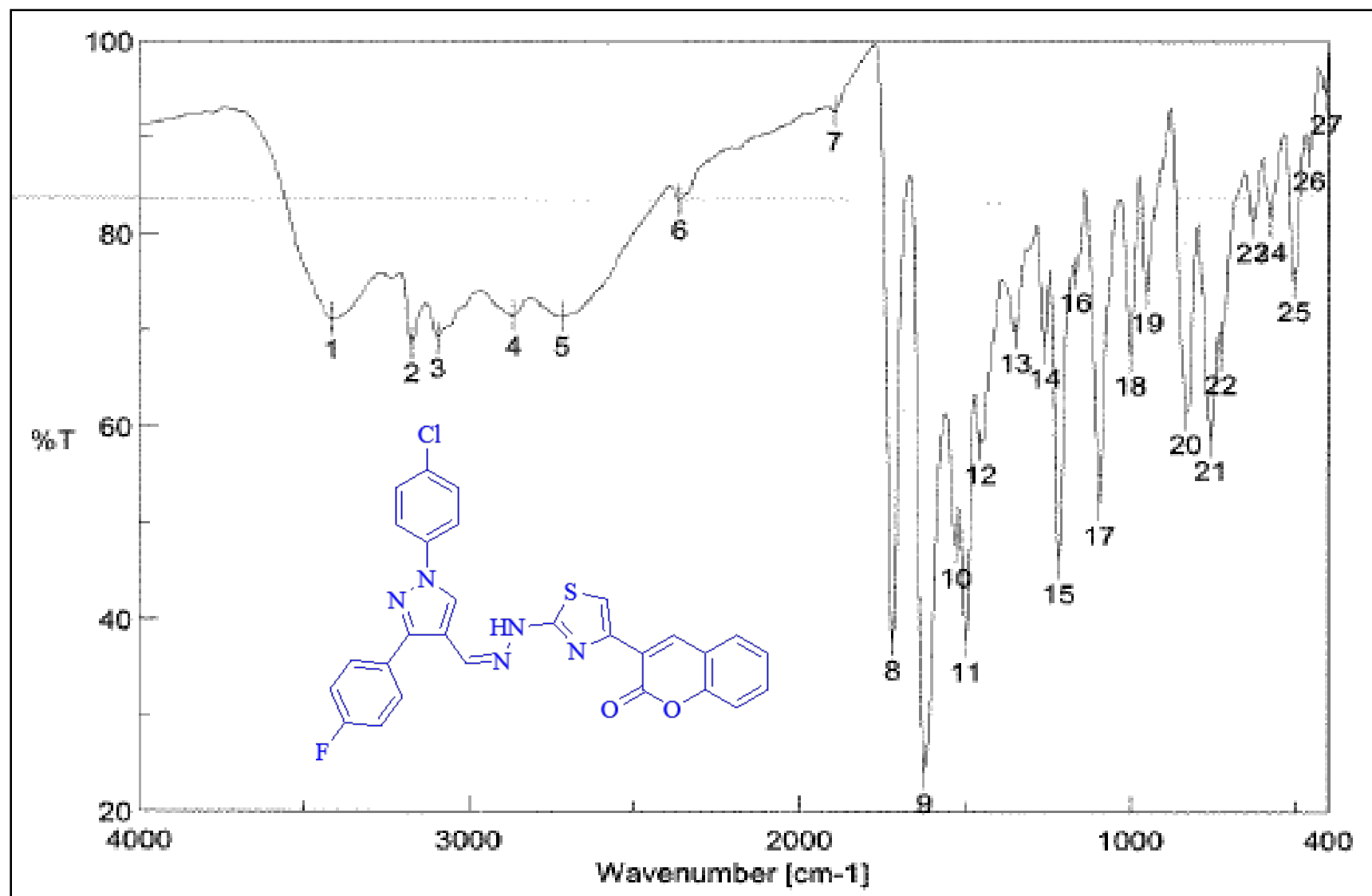
Expanded spectrum of 10k (^{13}C NMR)



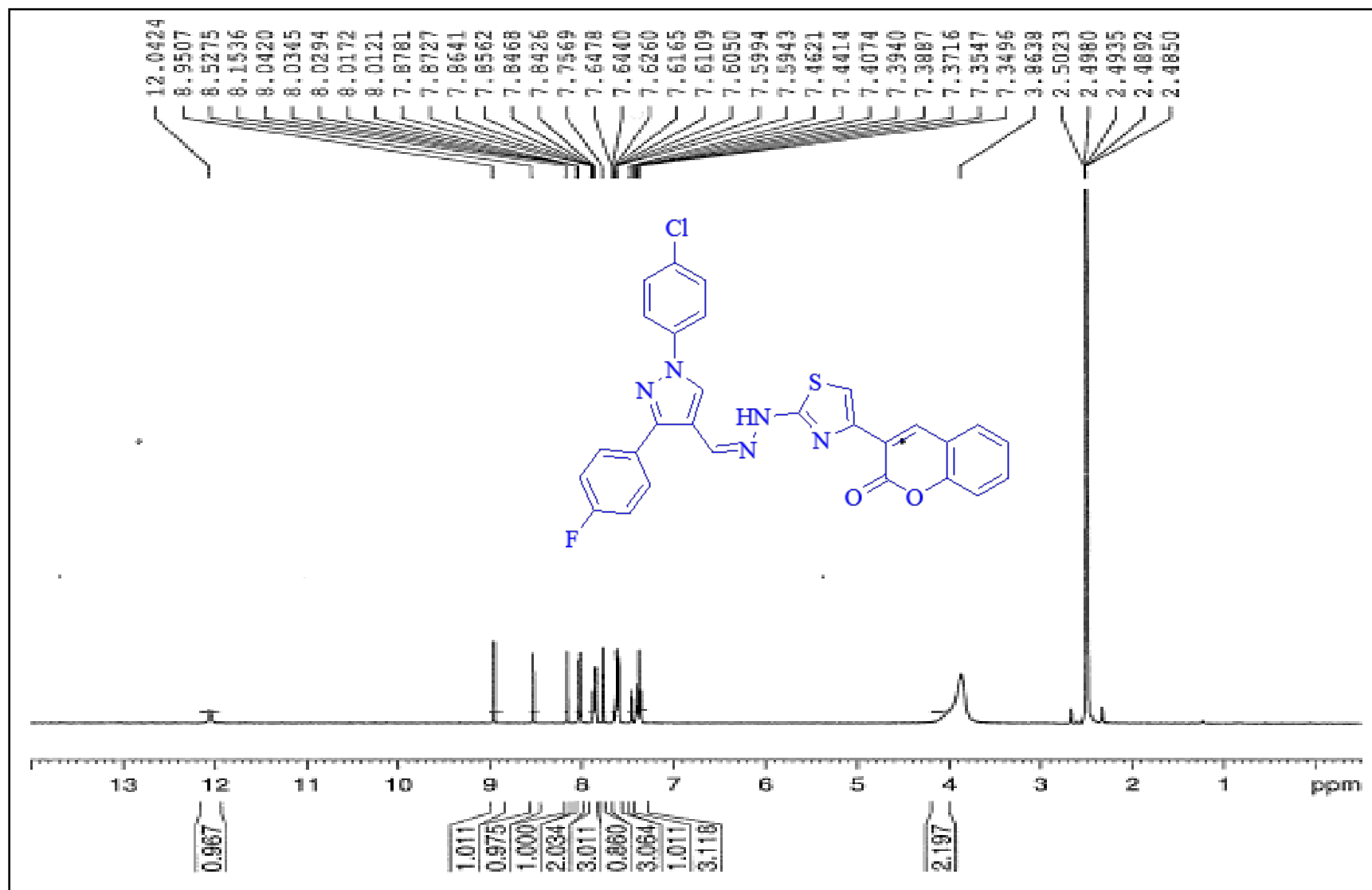
Mass spectrum of 10k



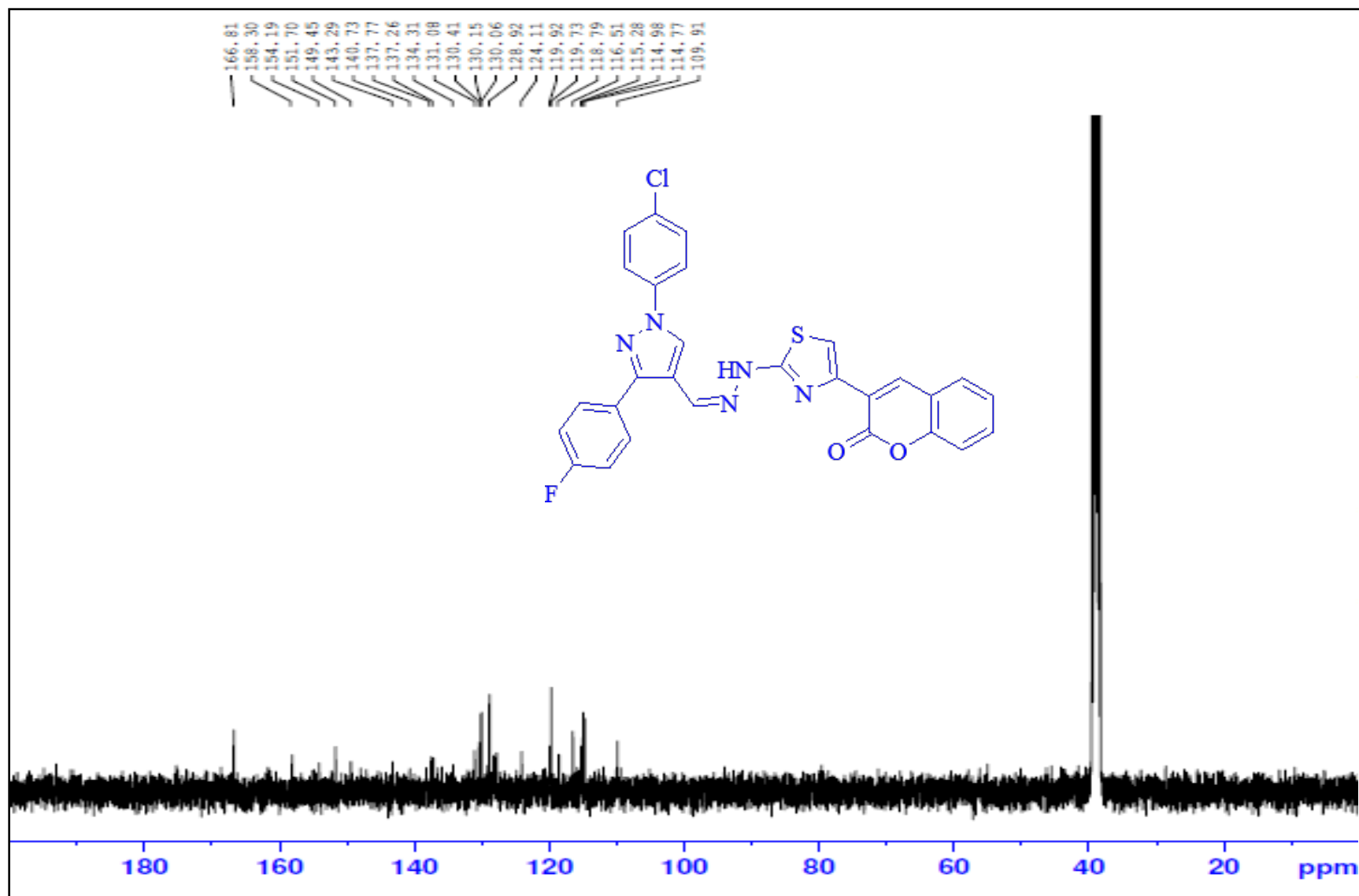
IR spectrum of 10l



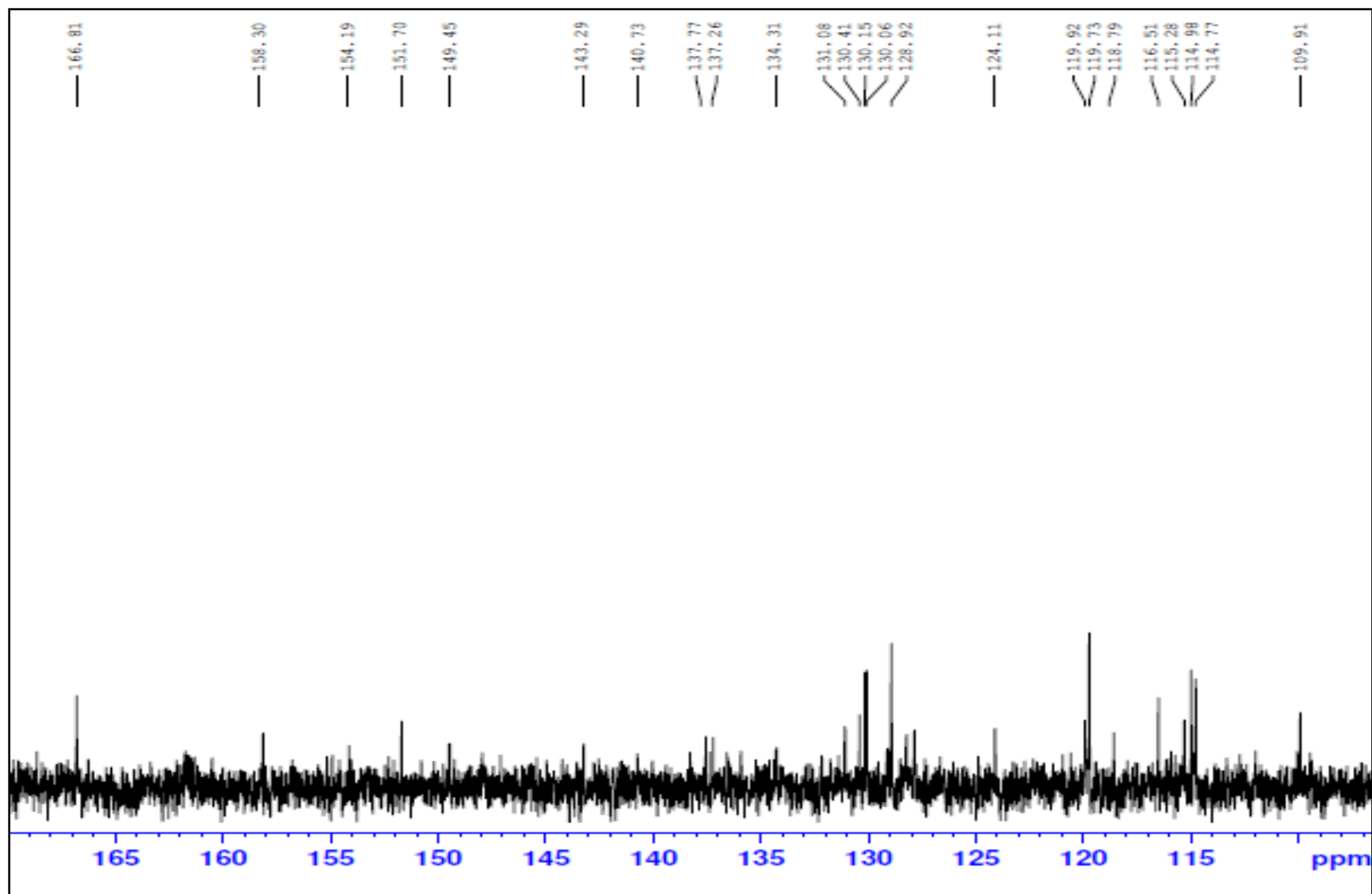
¹H NMR spectrum of 10l-DMSO-d₆-400 MHz



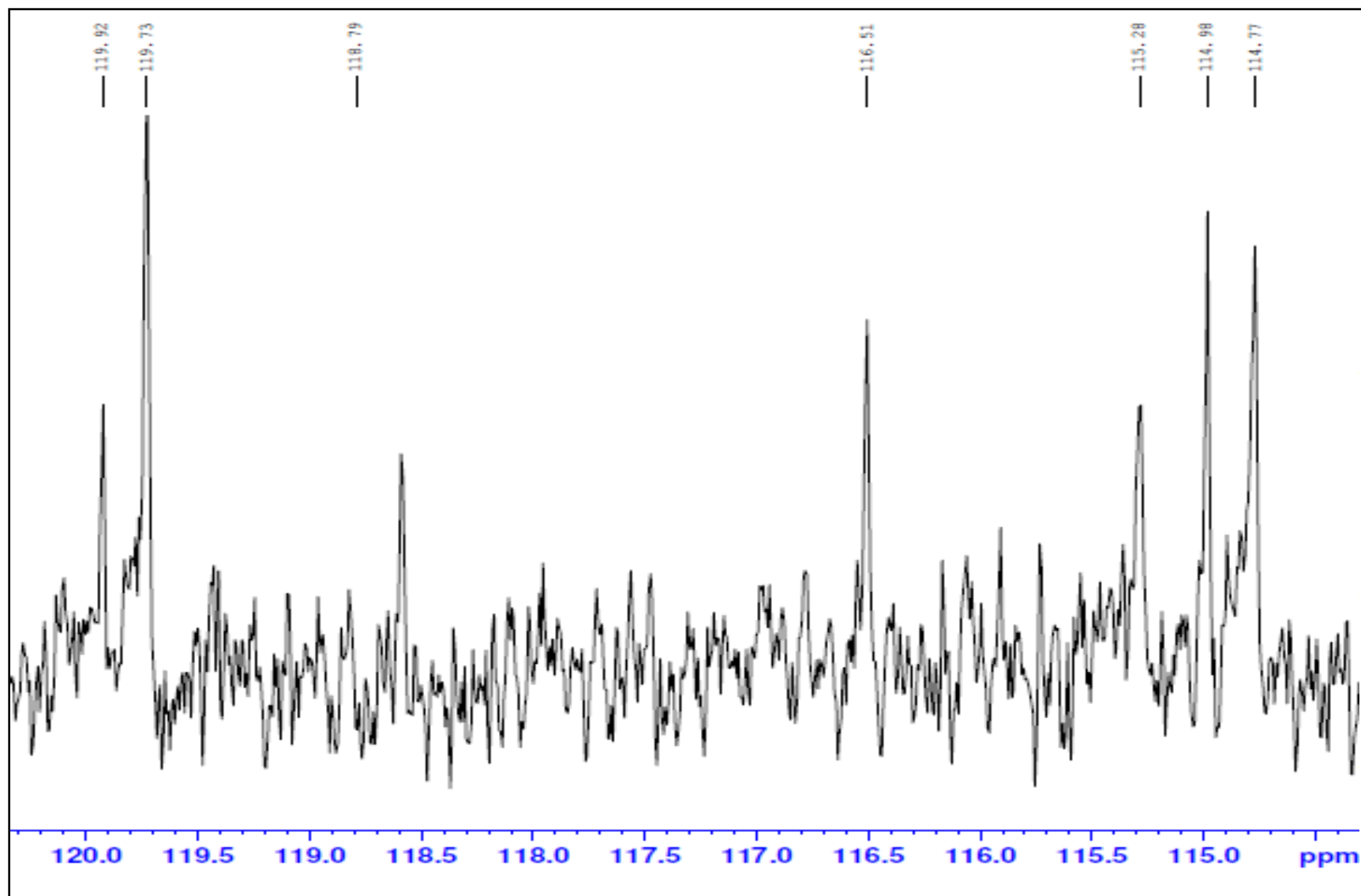
¹³C NMR spectrum of 10l- DMSO-d₆-100 MHz



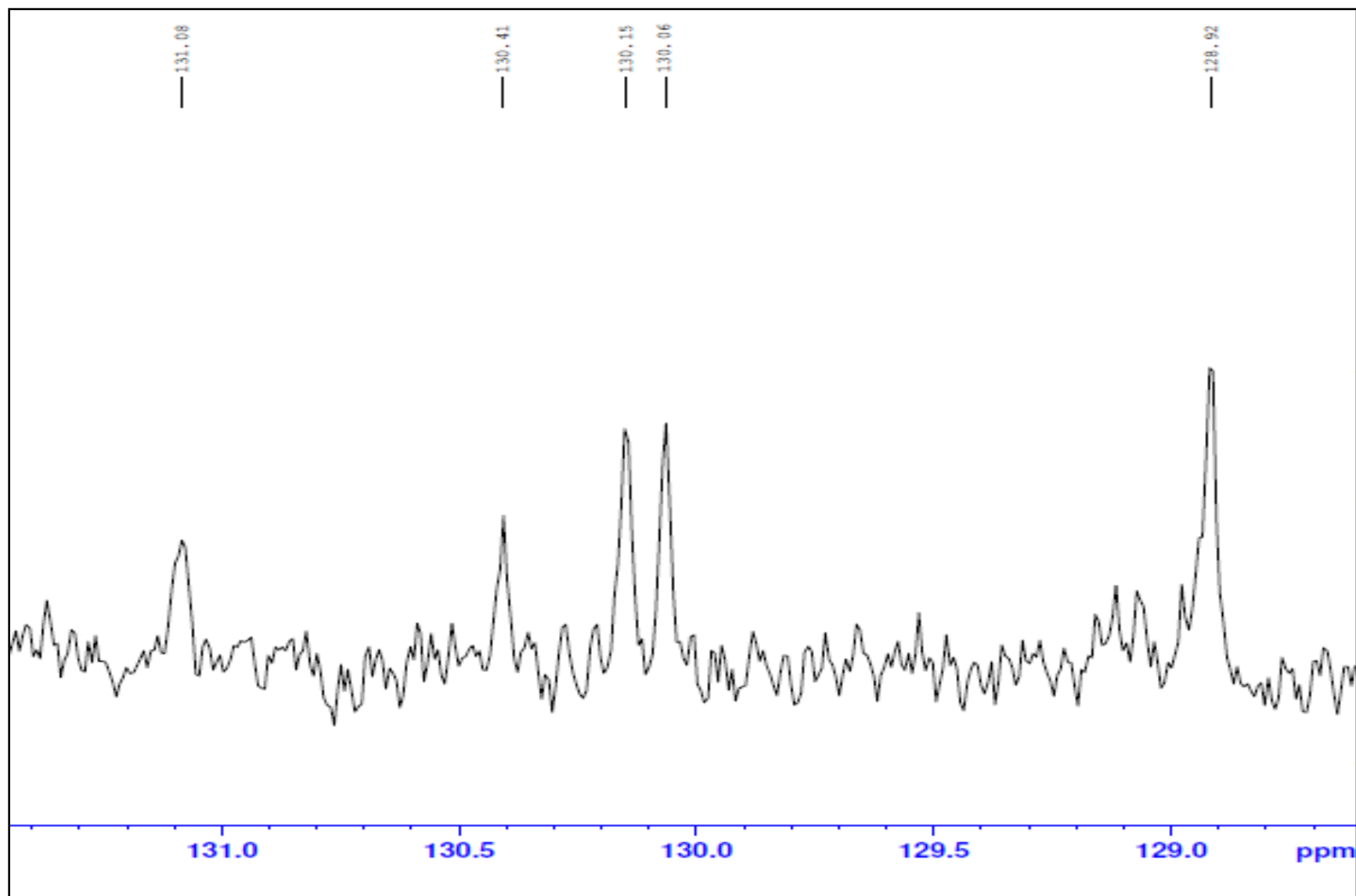
Expanded spectrum of 10l (^{13}C NMR)



Expanded spectrum of 10l (^{13}C NMR)



Expanded spectrum of 10l (^{13}C NMR)



Mass spectrum of 10l

