

Supplementary Material

Three-component synthesis of novel spiro[4*H*-pyran-3,3'-oxindoles] using 5,6-dihydro-4*H*-pyrrolo[3,2,1-*ij*]quinoline-1,2-dione

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¹ H and ¹³ C NMR spectra of compounds 6a-6i	S2
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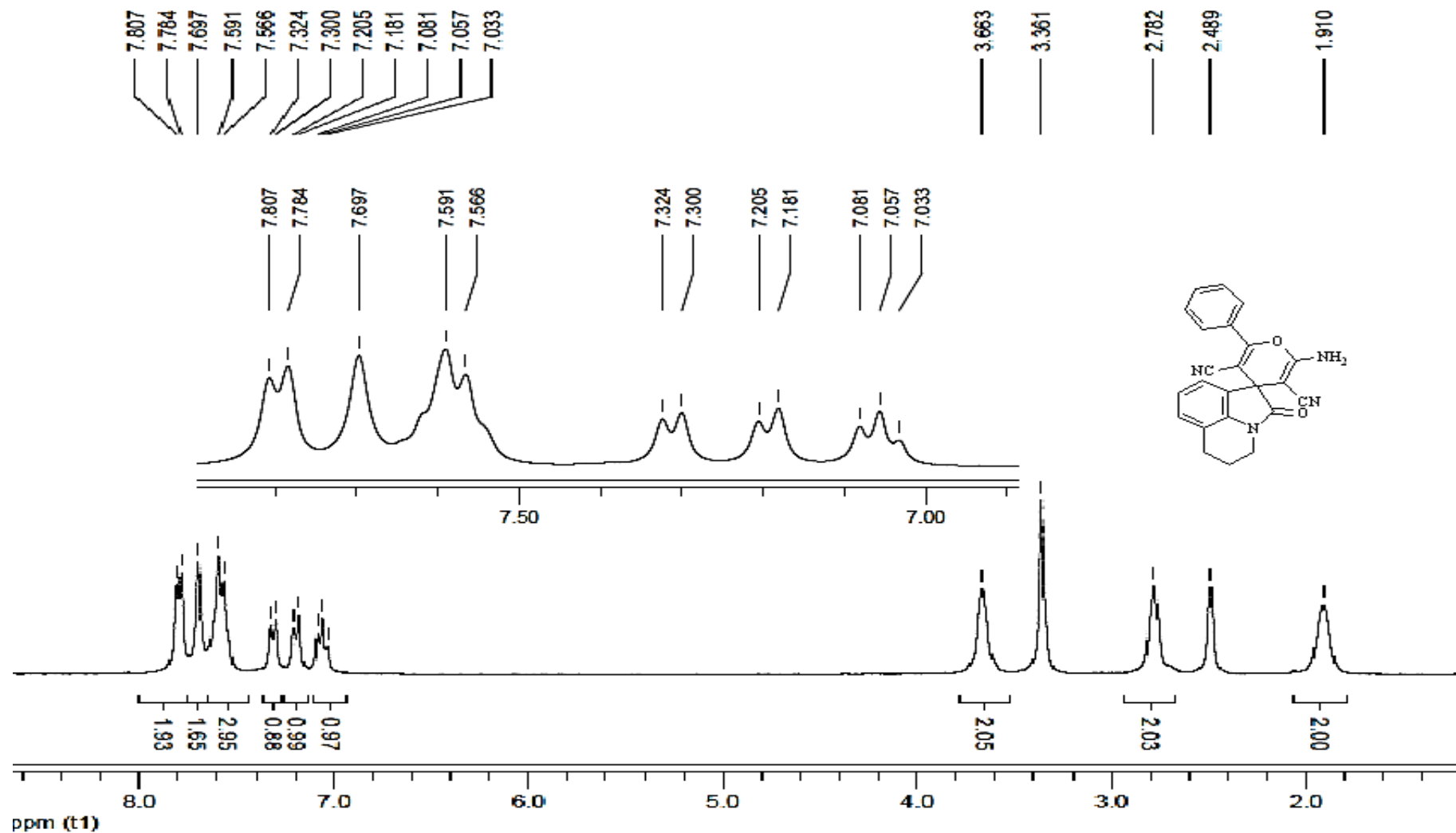


Figure 1 ¹H NMR (300 MHz, DMSO-d₆) spectrum of compound 6a.

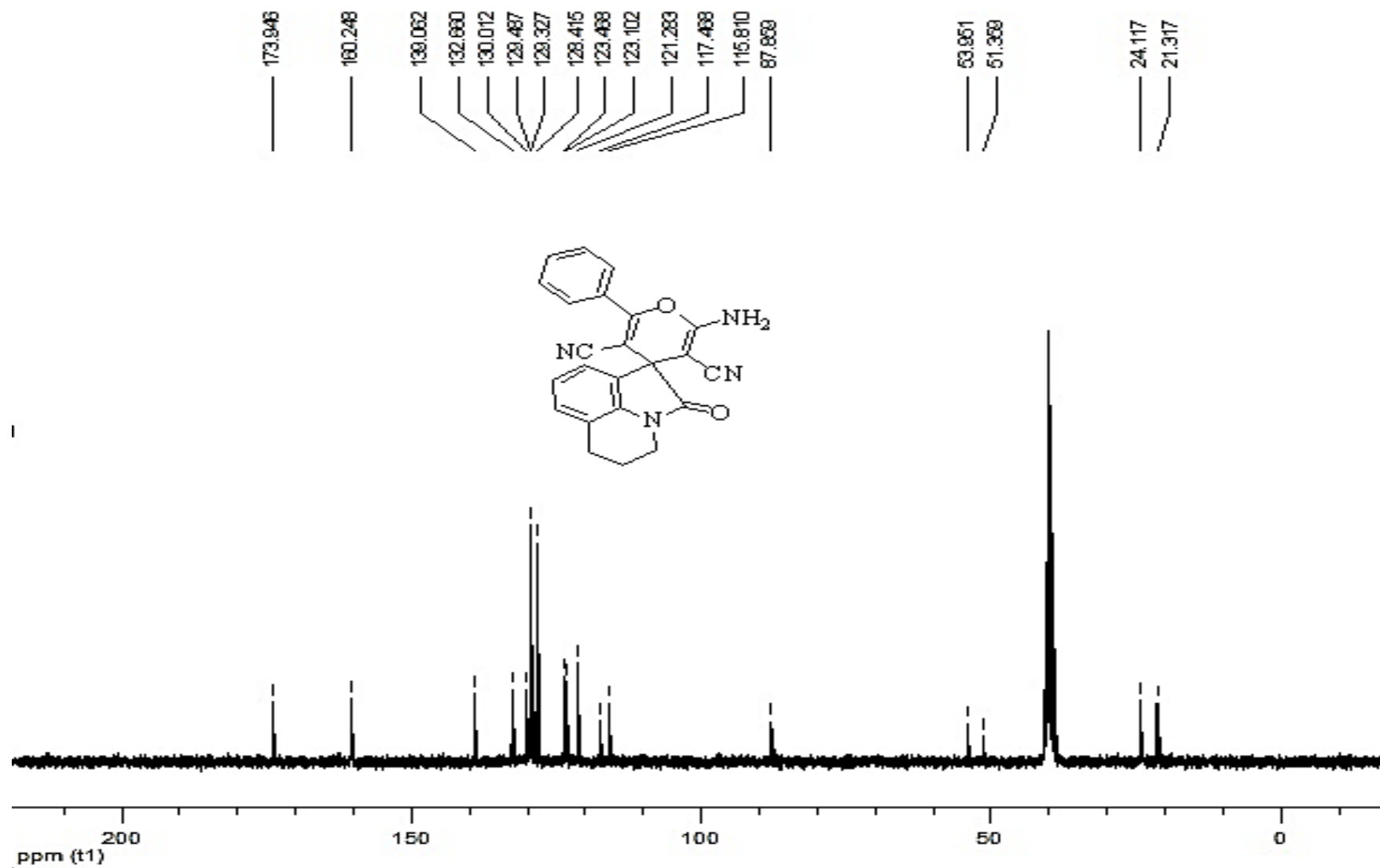


Figure 2 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6a.

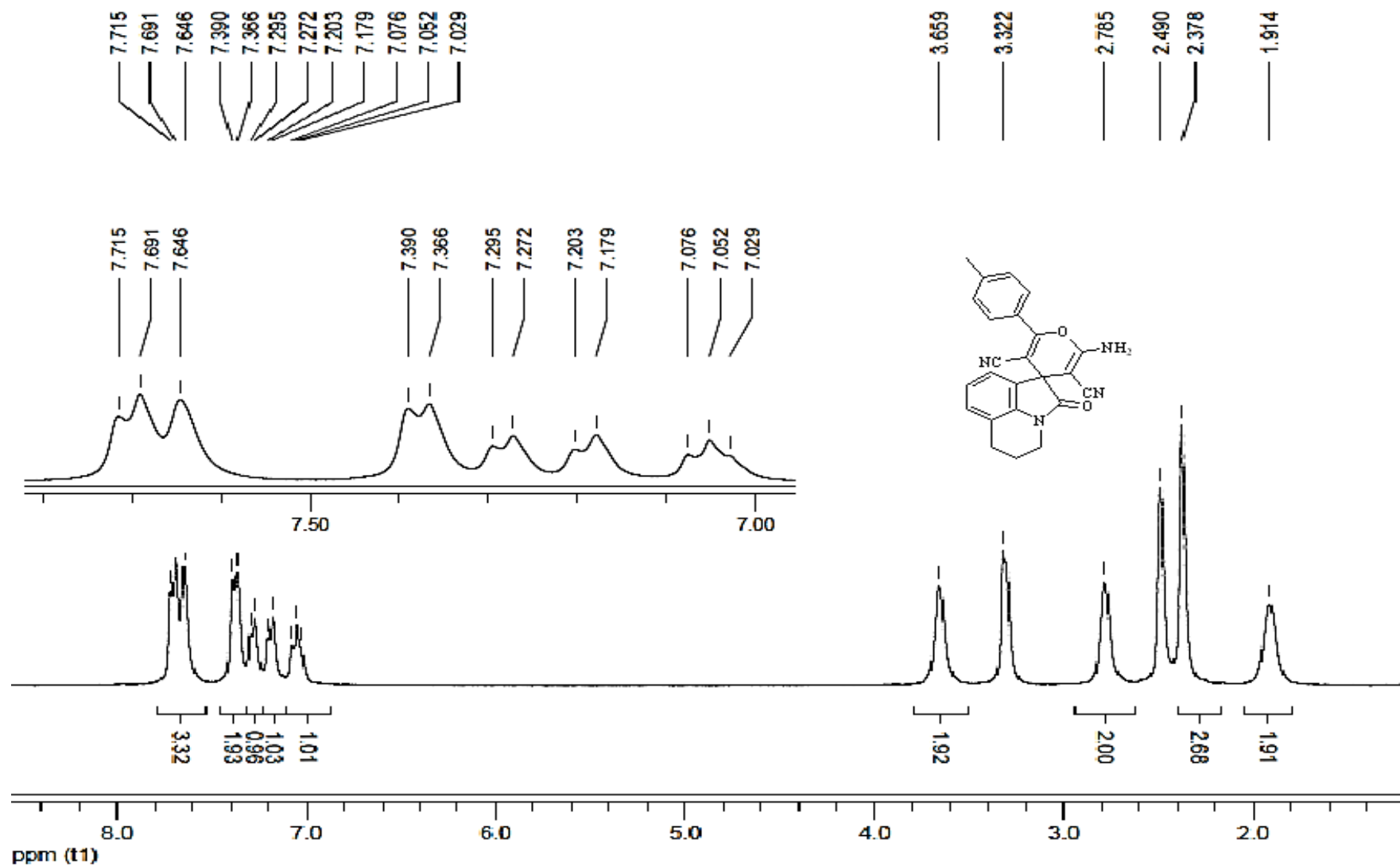


Figure 3 ^1H NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound **6b**.

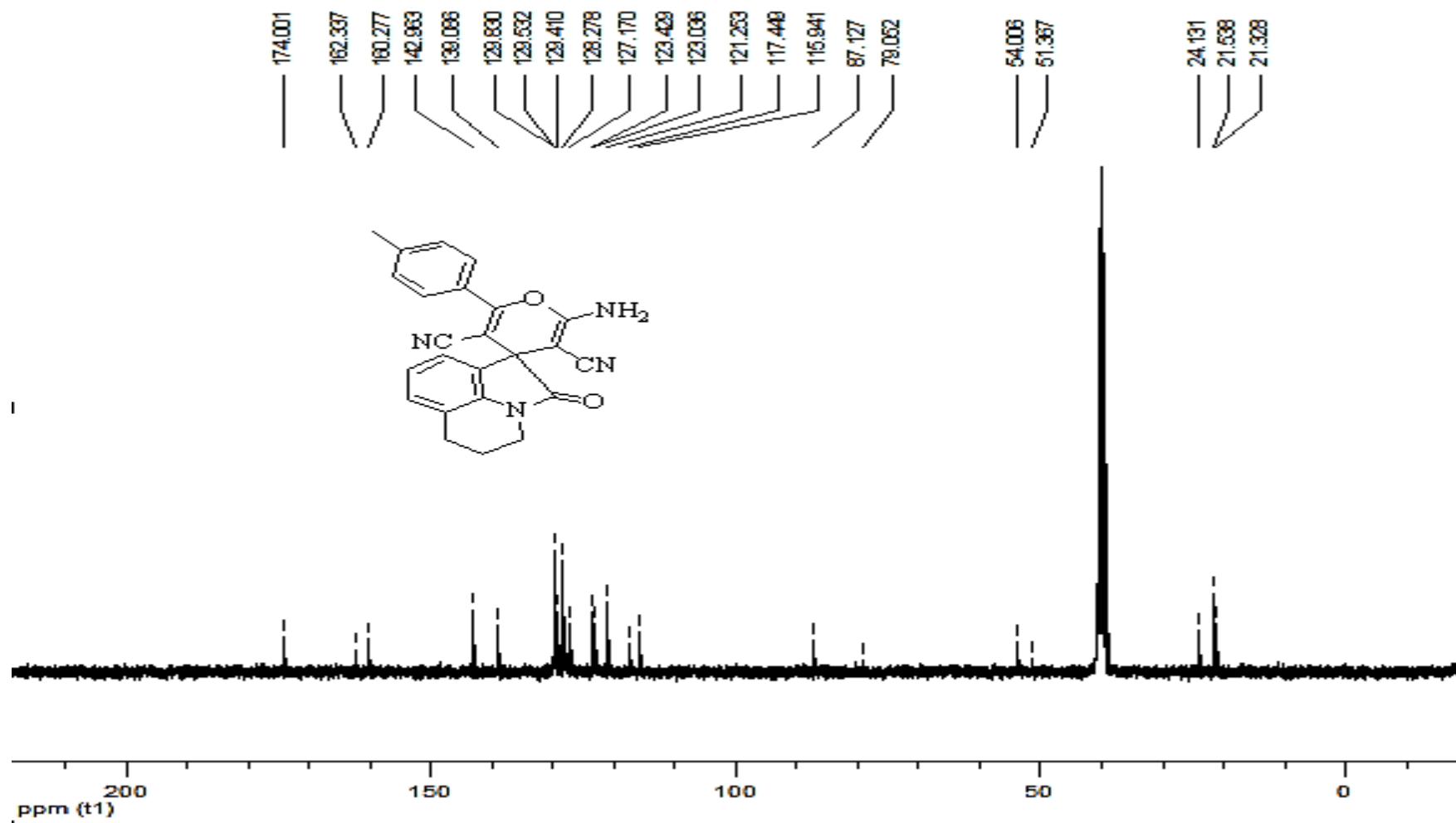


Figure 4 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6b.

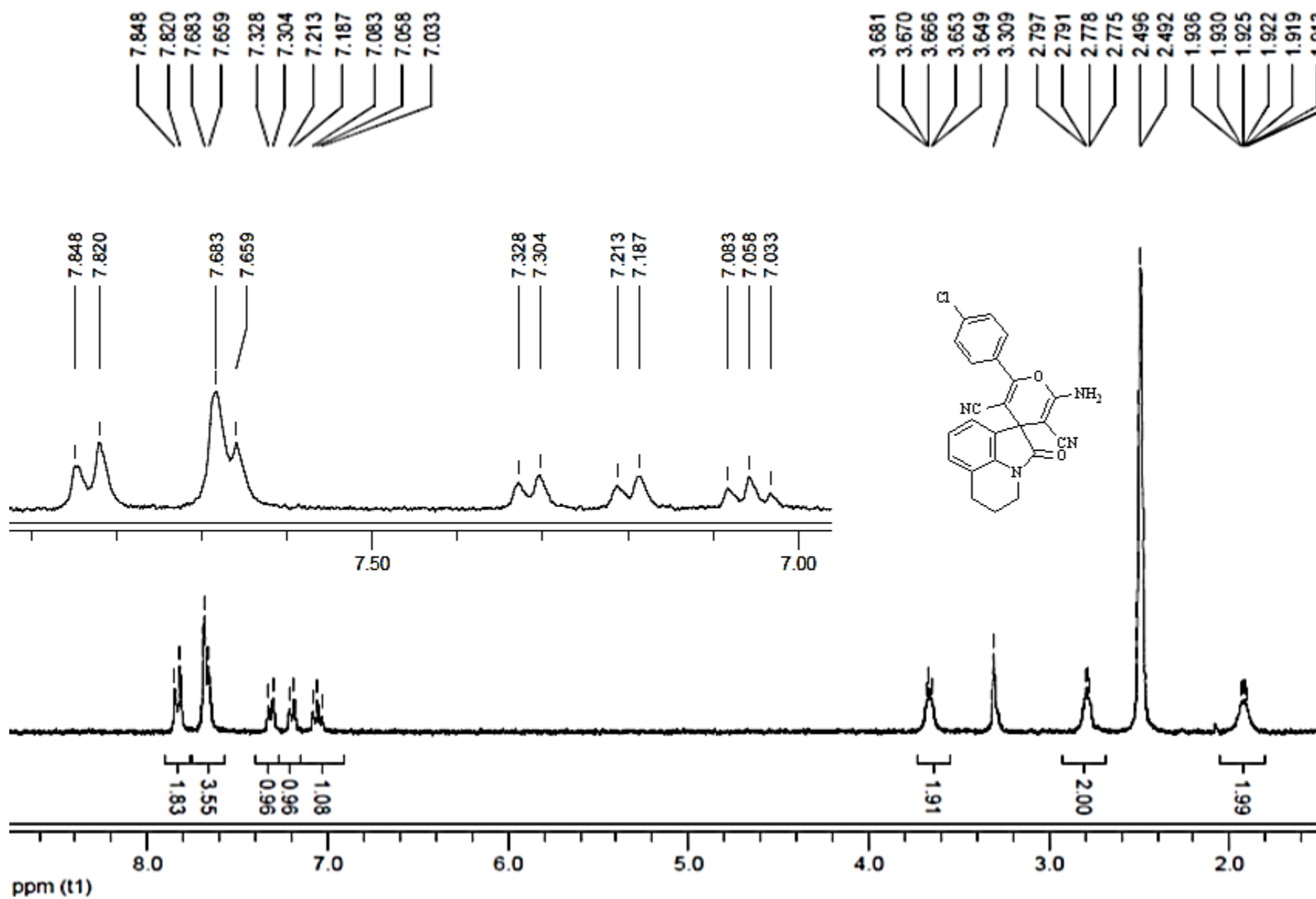


Figure 5 ^1H NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound **6c**.

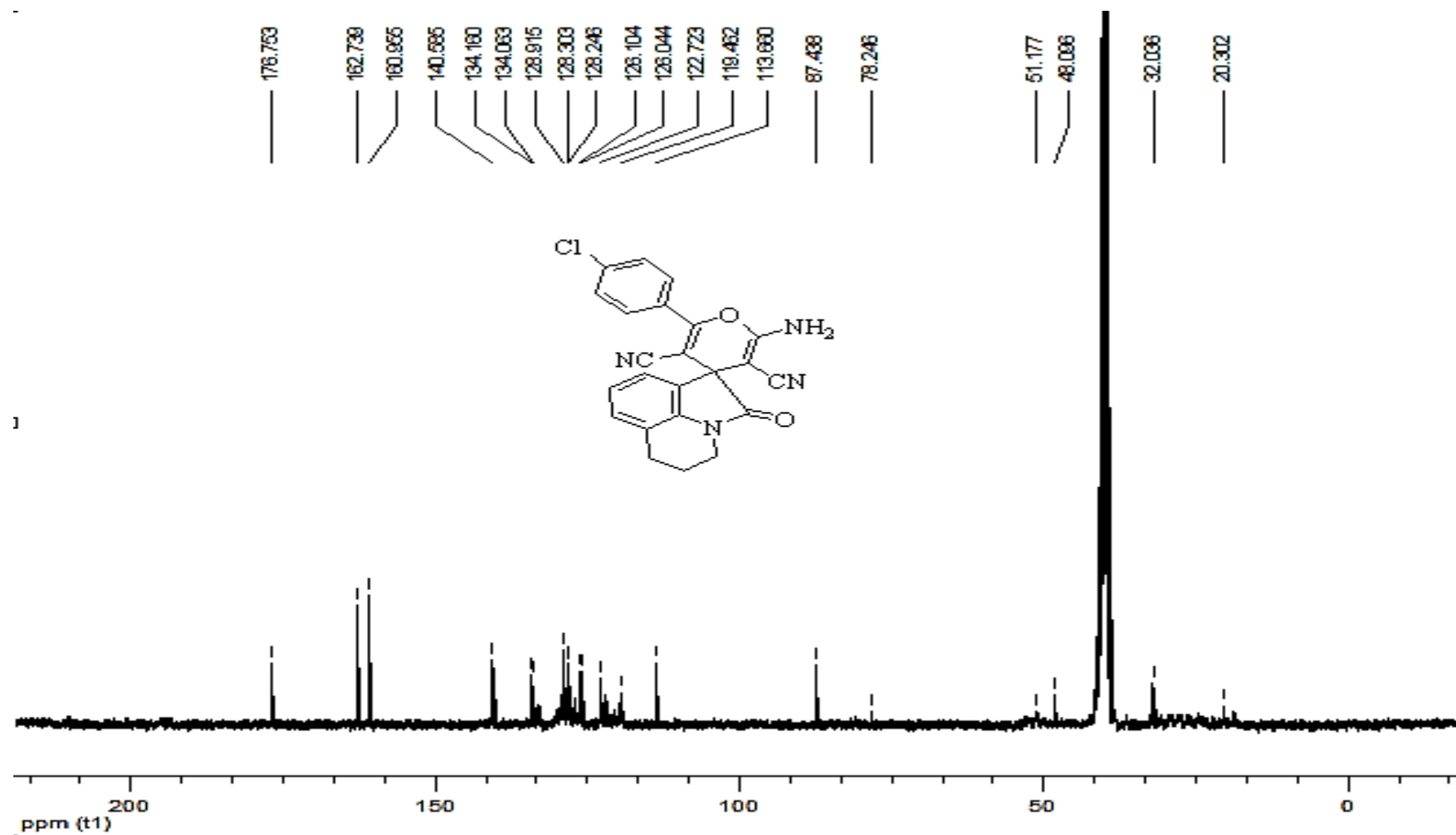


Figure 6 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6c.

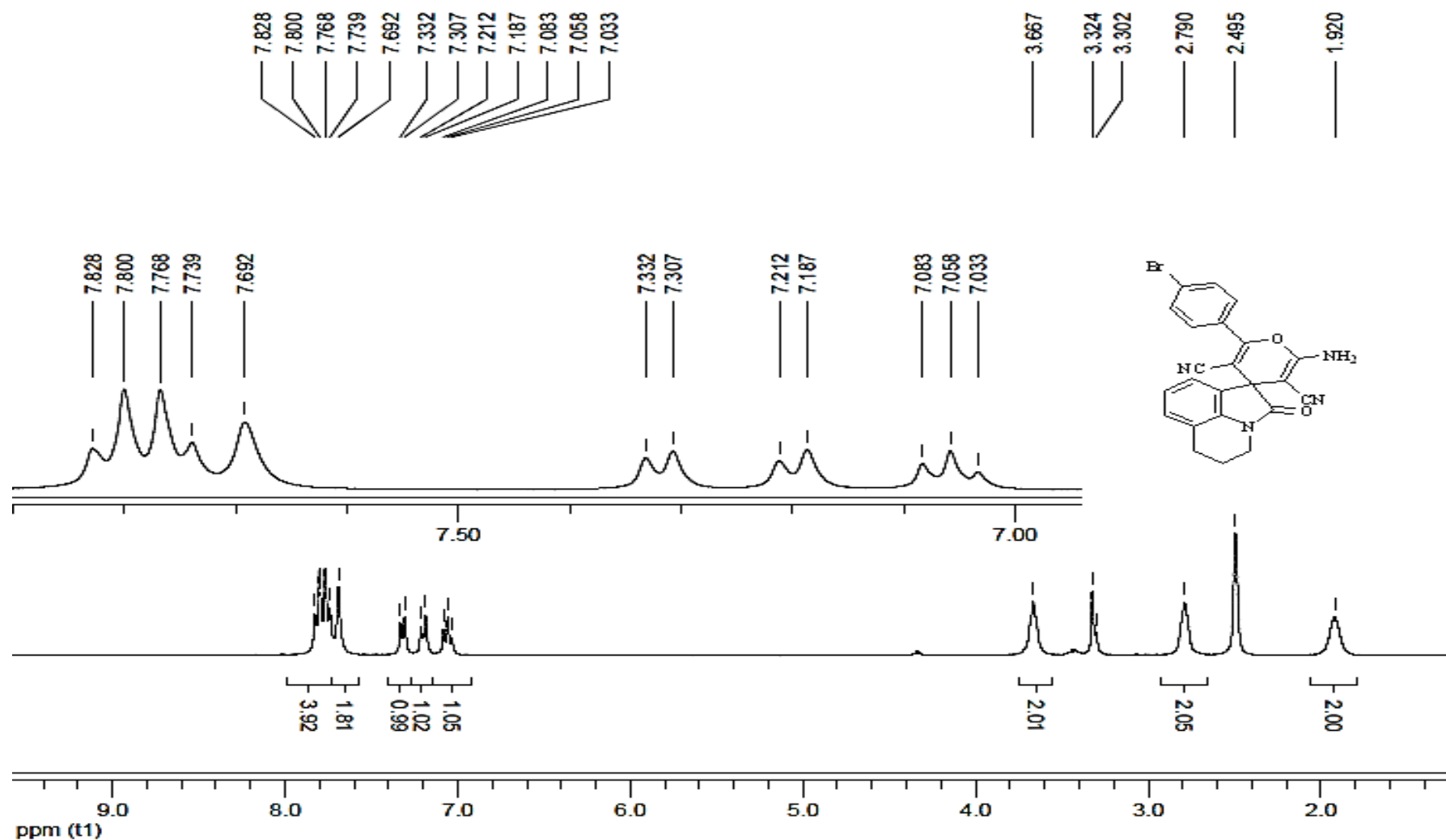


Figure 7 ^1H NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound **6d**.

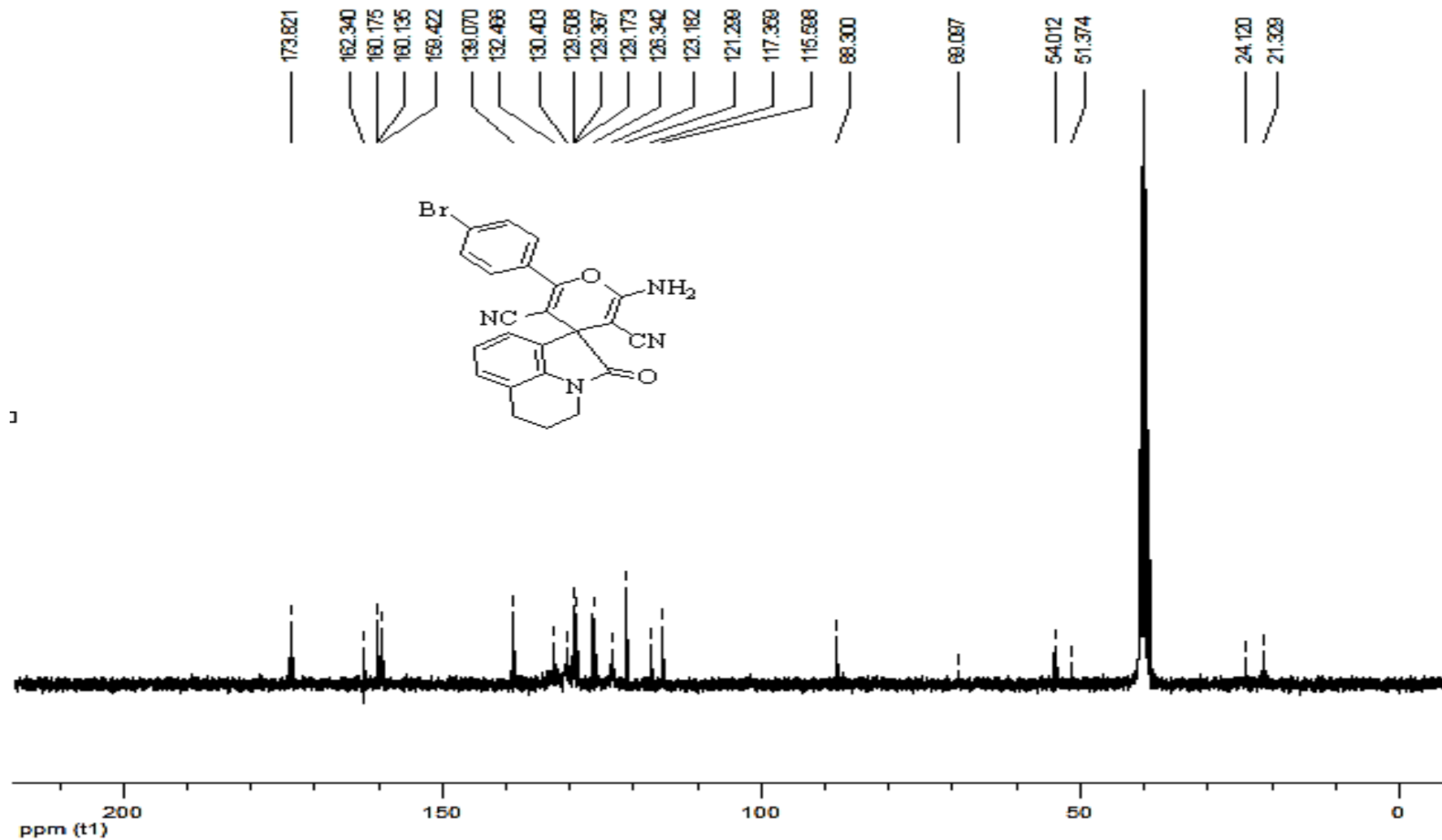


Figure 8 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6d.

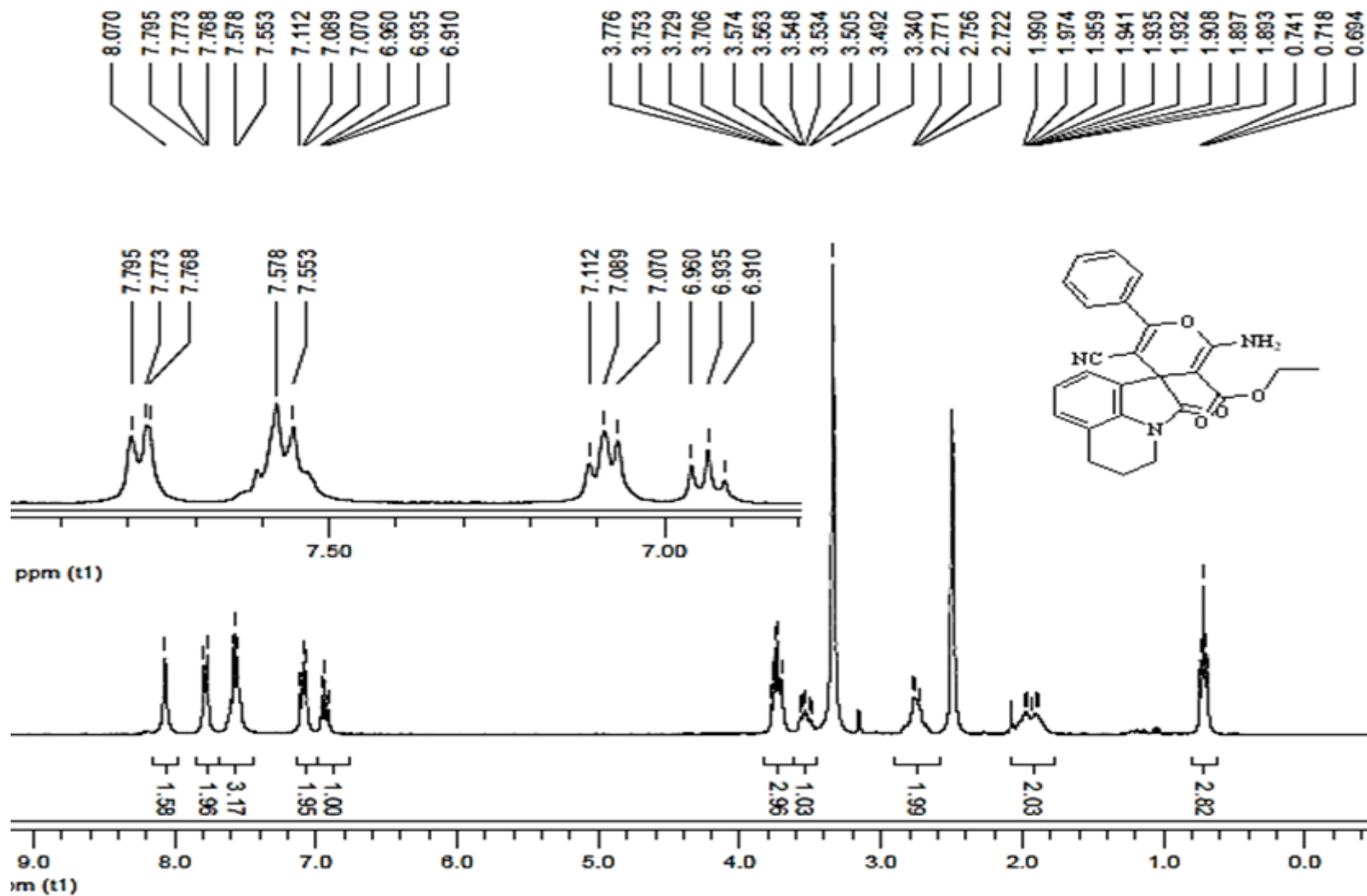


Figure 9 ¹H NMR (300 MHz, DMSO-*d*₆) spectrum of compound **6f**.

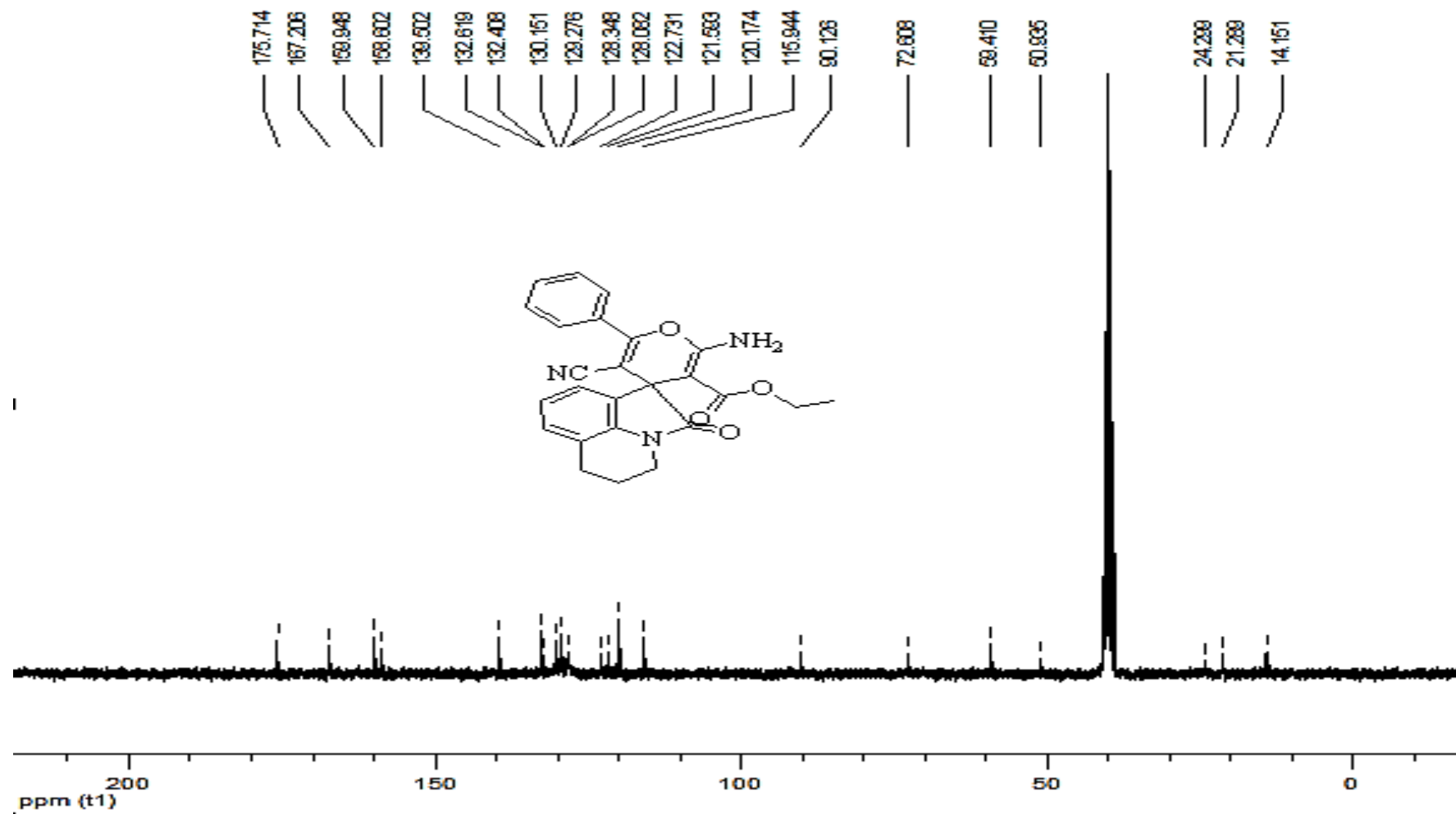


Figure 10 ^{13}C NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound 6f.

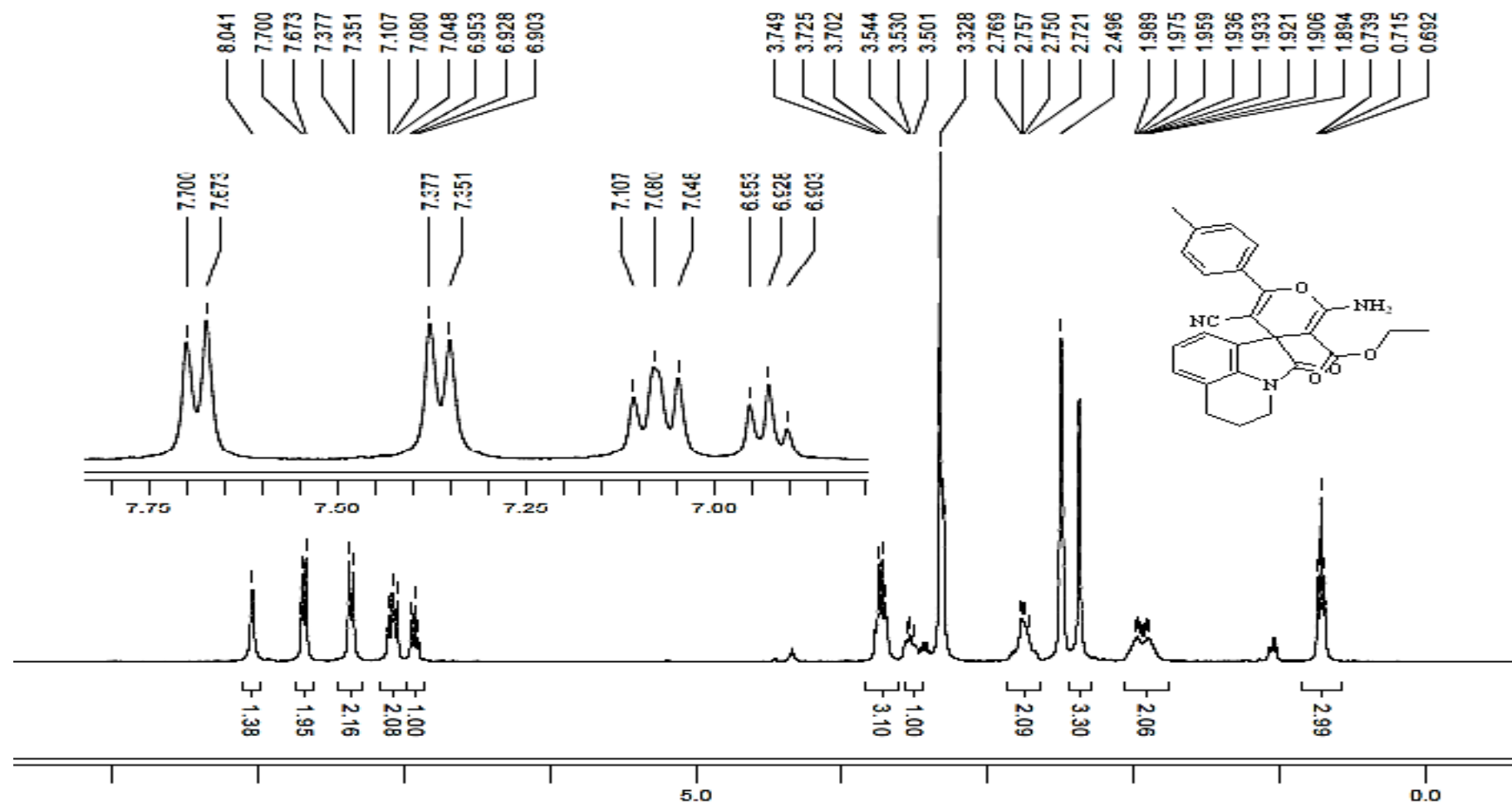


Figure 11 ¹H NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6g.

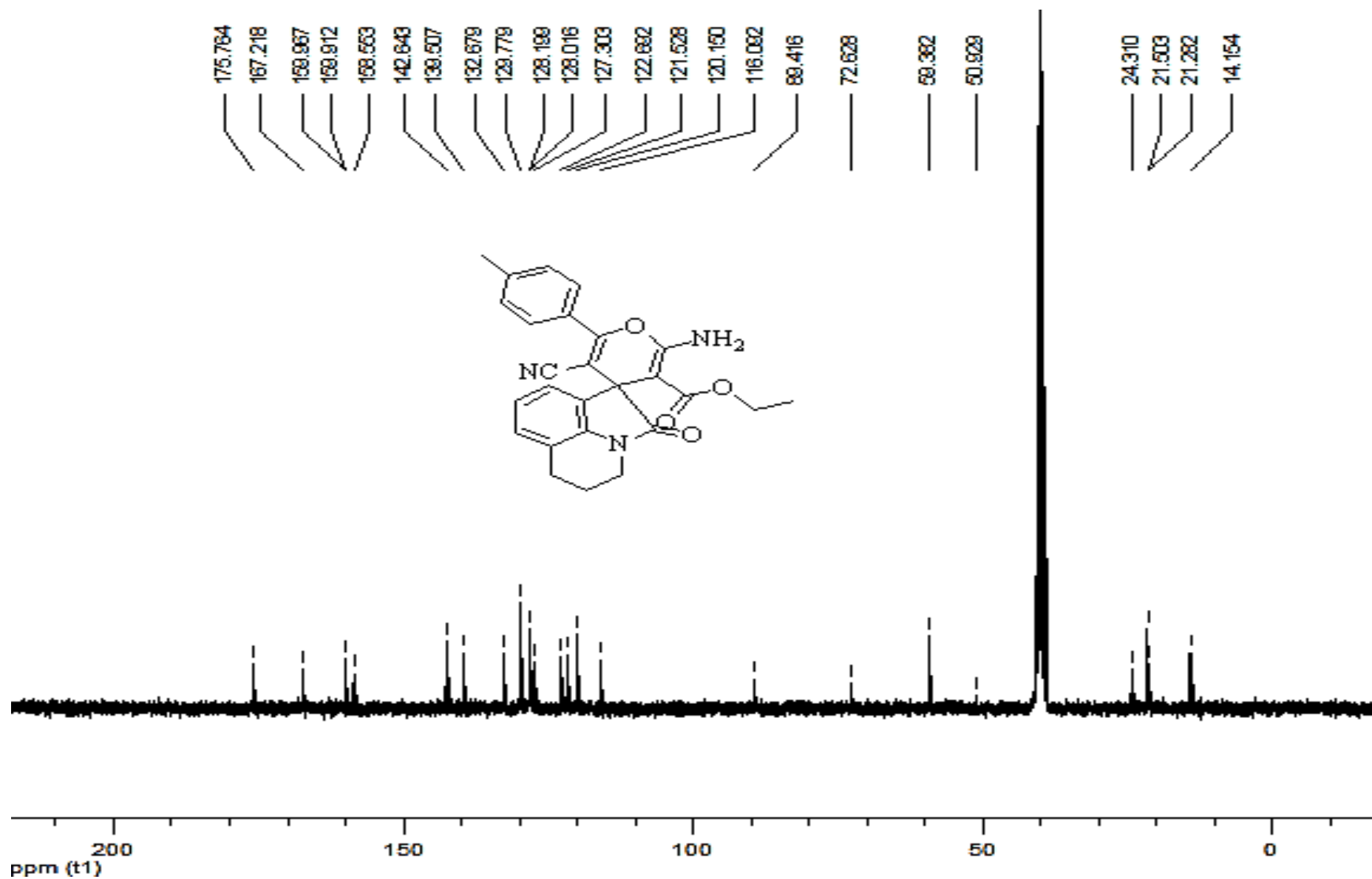


Figure 12 ^{13}C NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound **6g**.

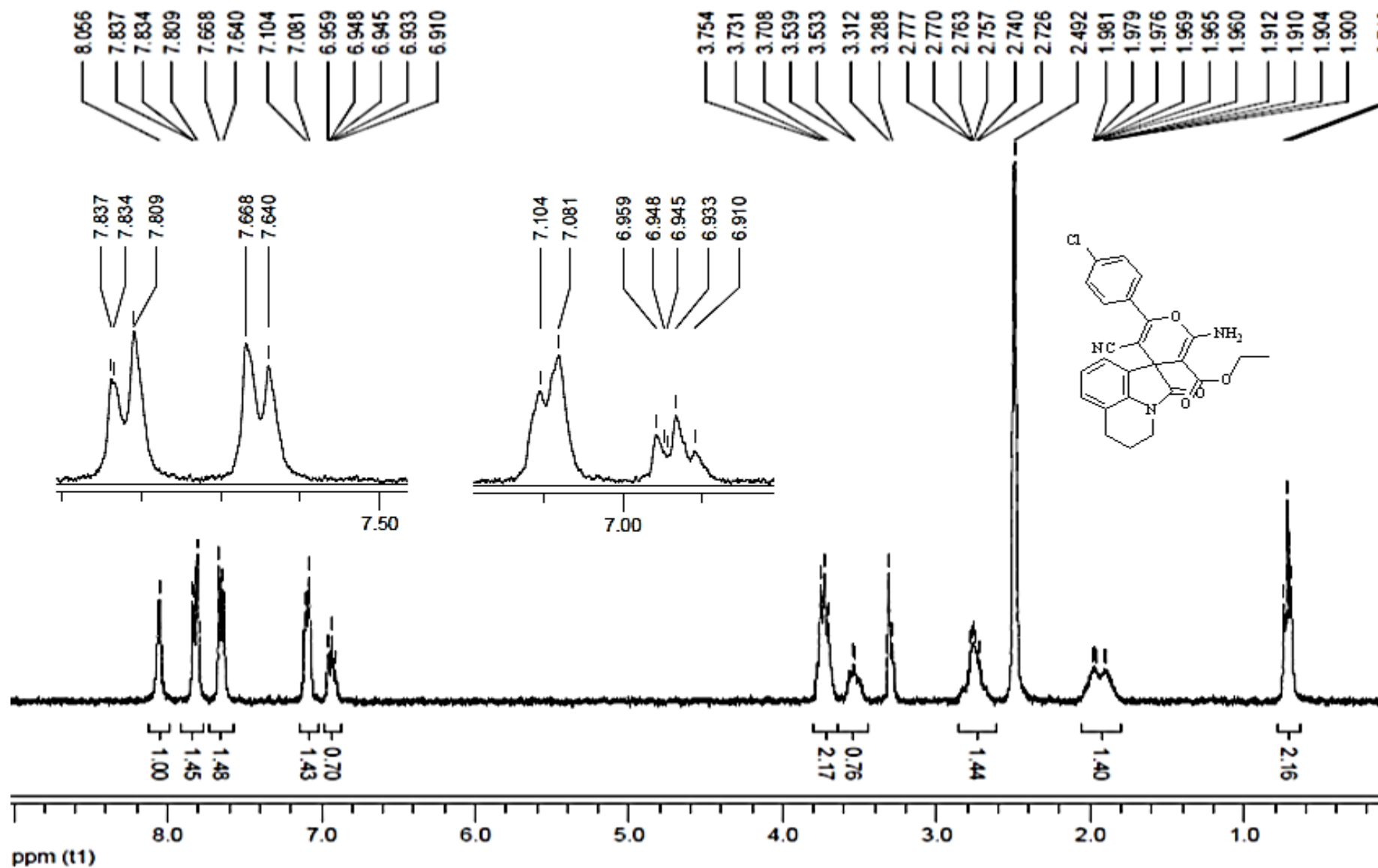


Figure 13 ^1H NMR (300 MHz, $\text{DMSO}-d_6$) spectrum of compound 6h.

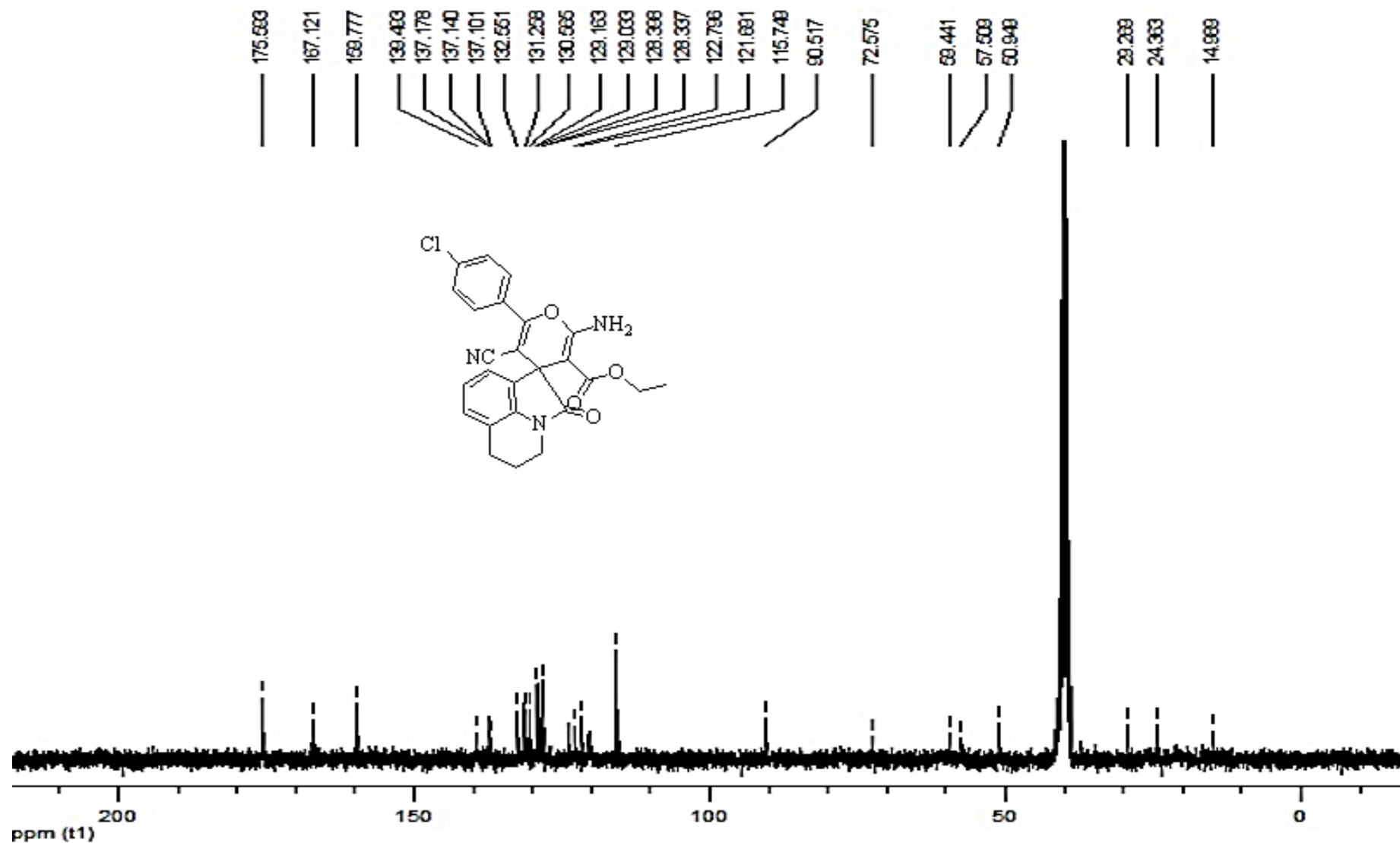


Figure 14 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6h.

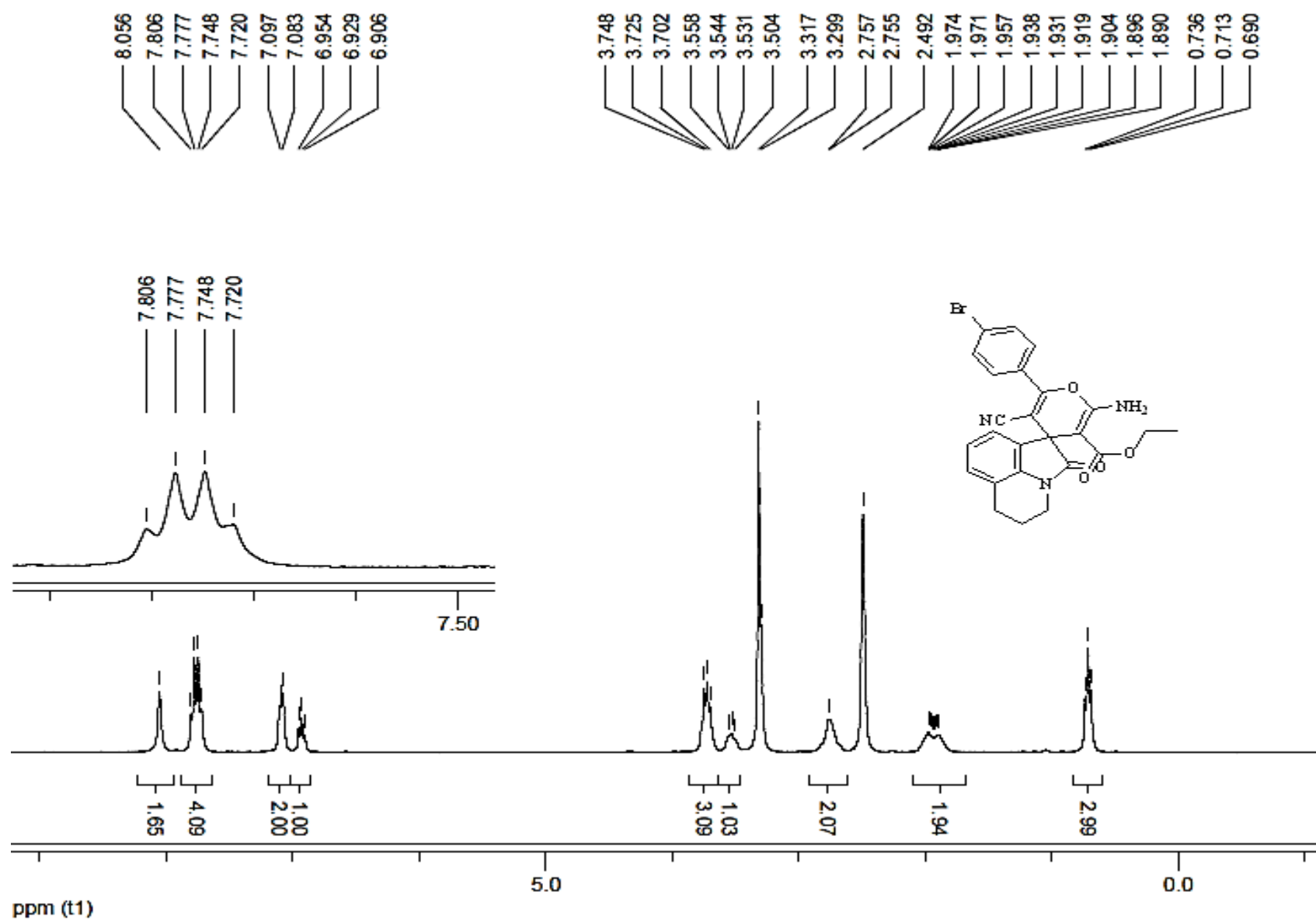


Figure 15 ^1H NMR (300 MHz, $\text{DMSO-}d_6$) spectrum of compound **6i**.

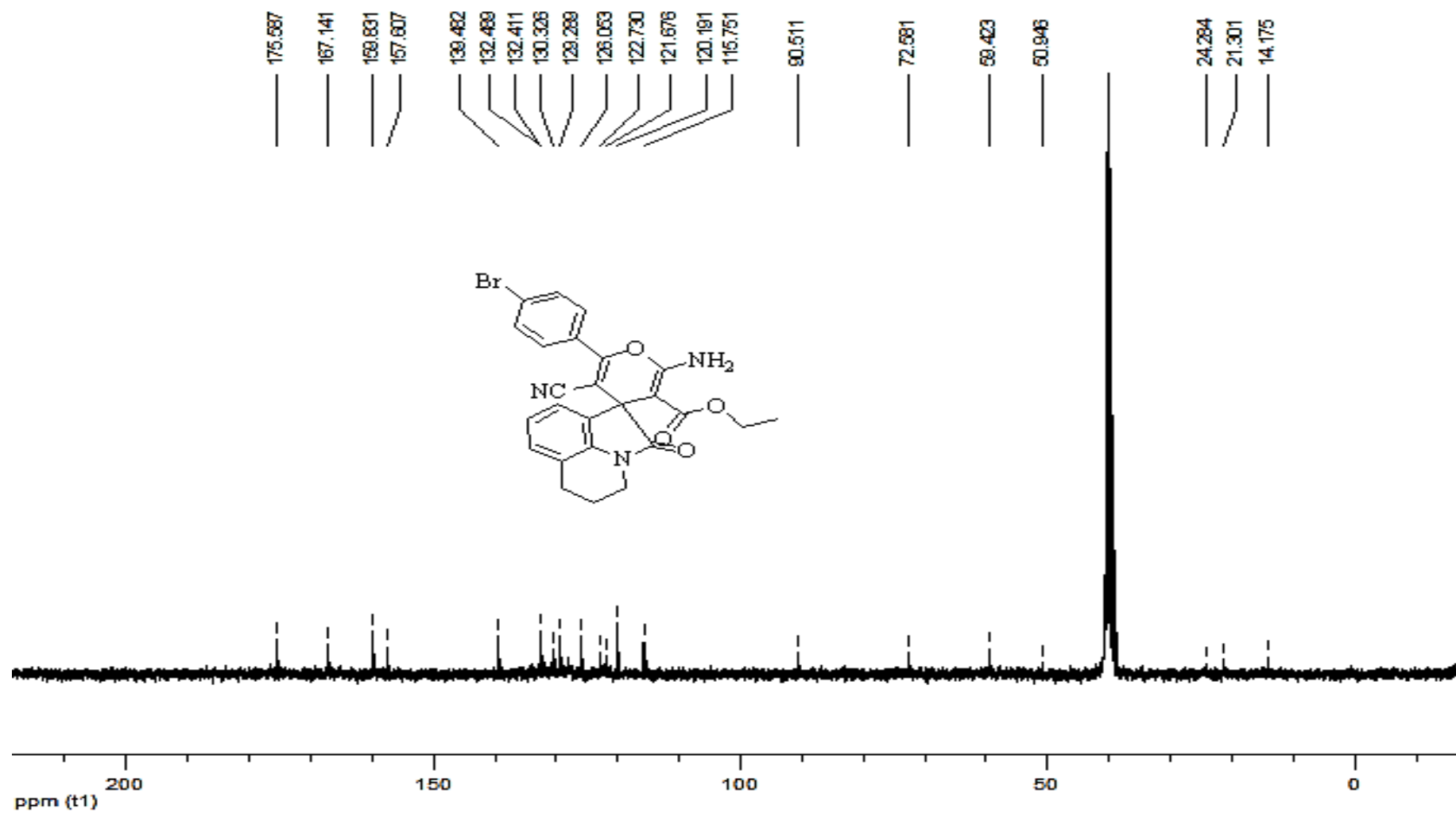


Figure 16 ¹³C NMR (300 MHz, DMSO-*d*₆) spectrum of compound 6i.