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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Table of Contents

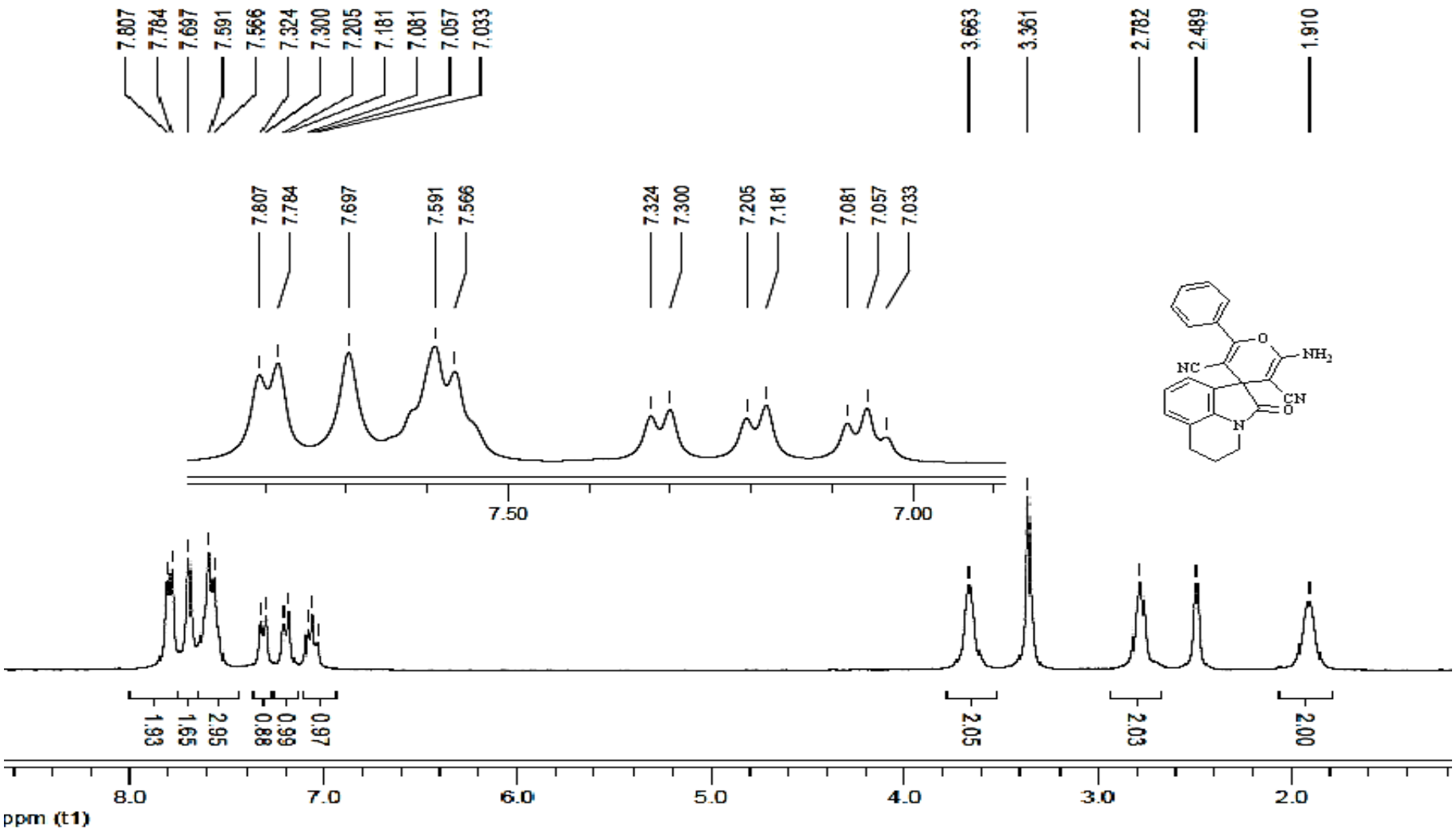

Figure 1 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6a.**

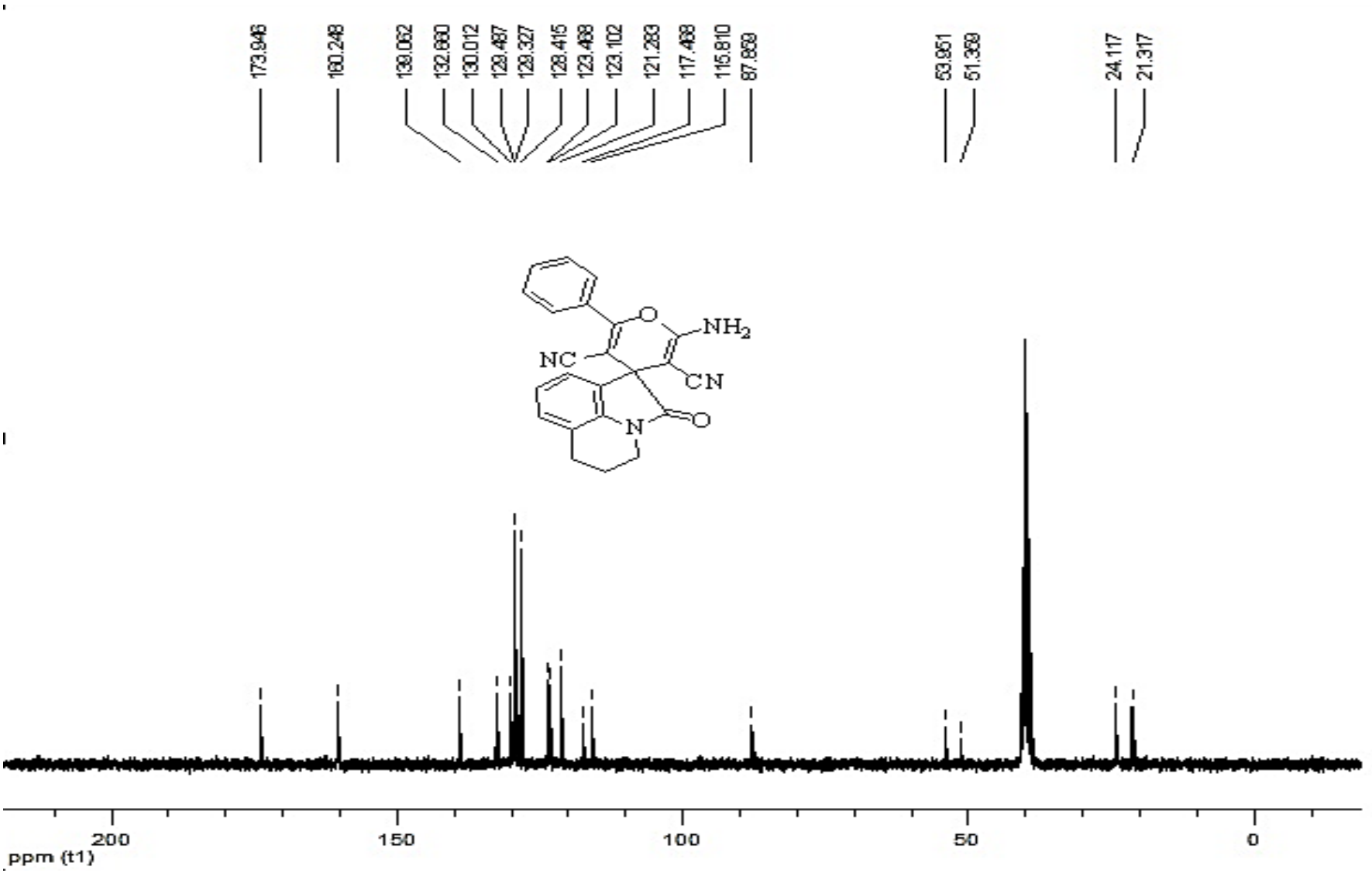

Figure 2 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6a.**

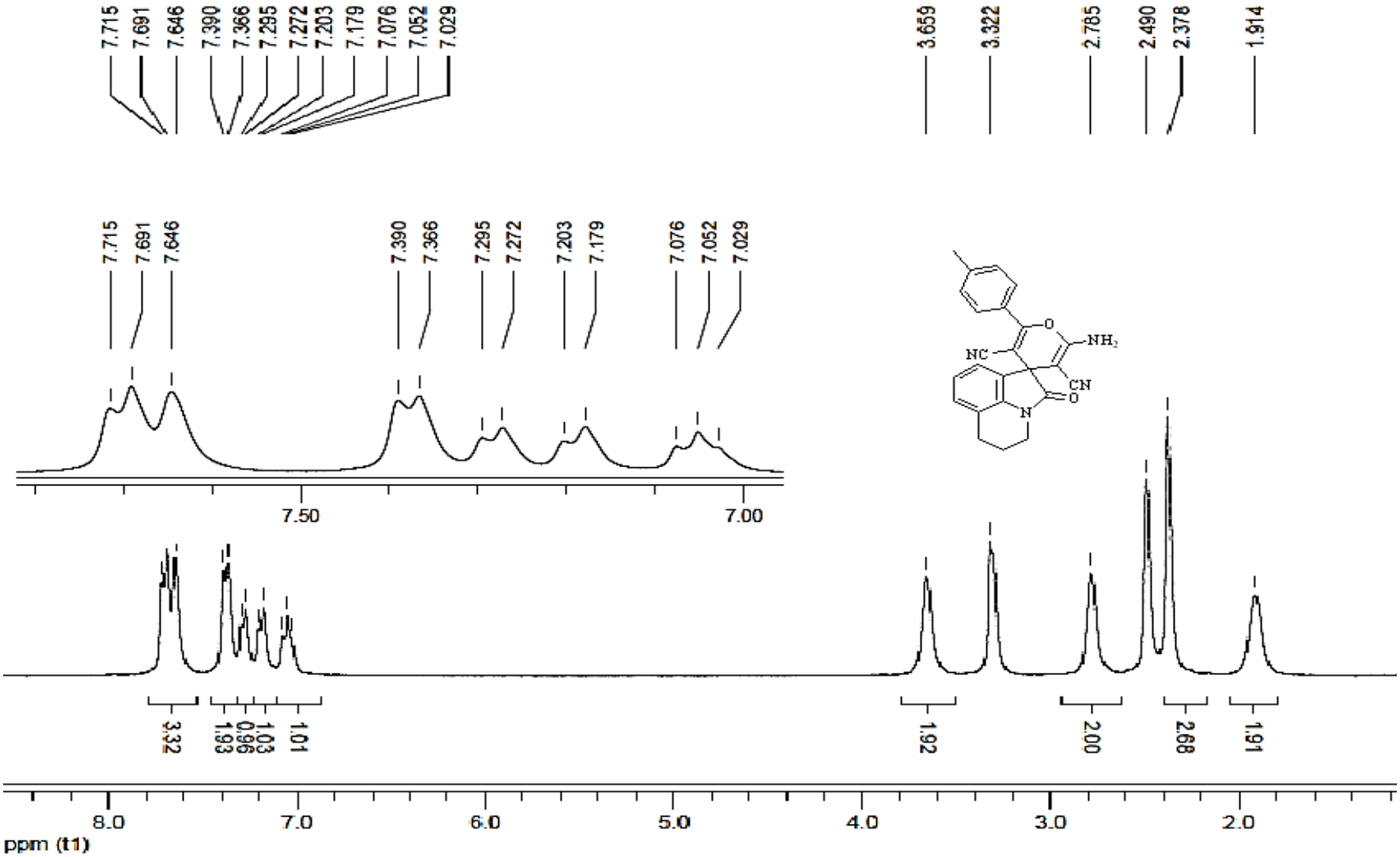

Figure 3 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6b.**

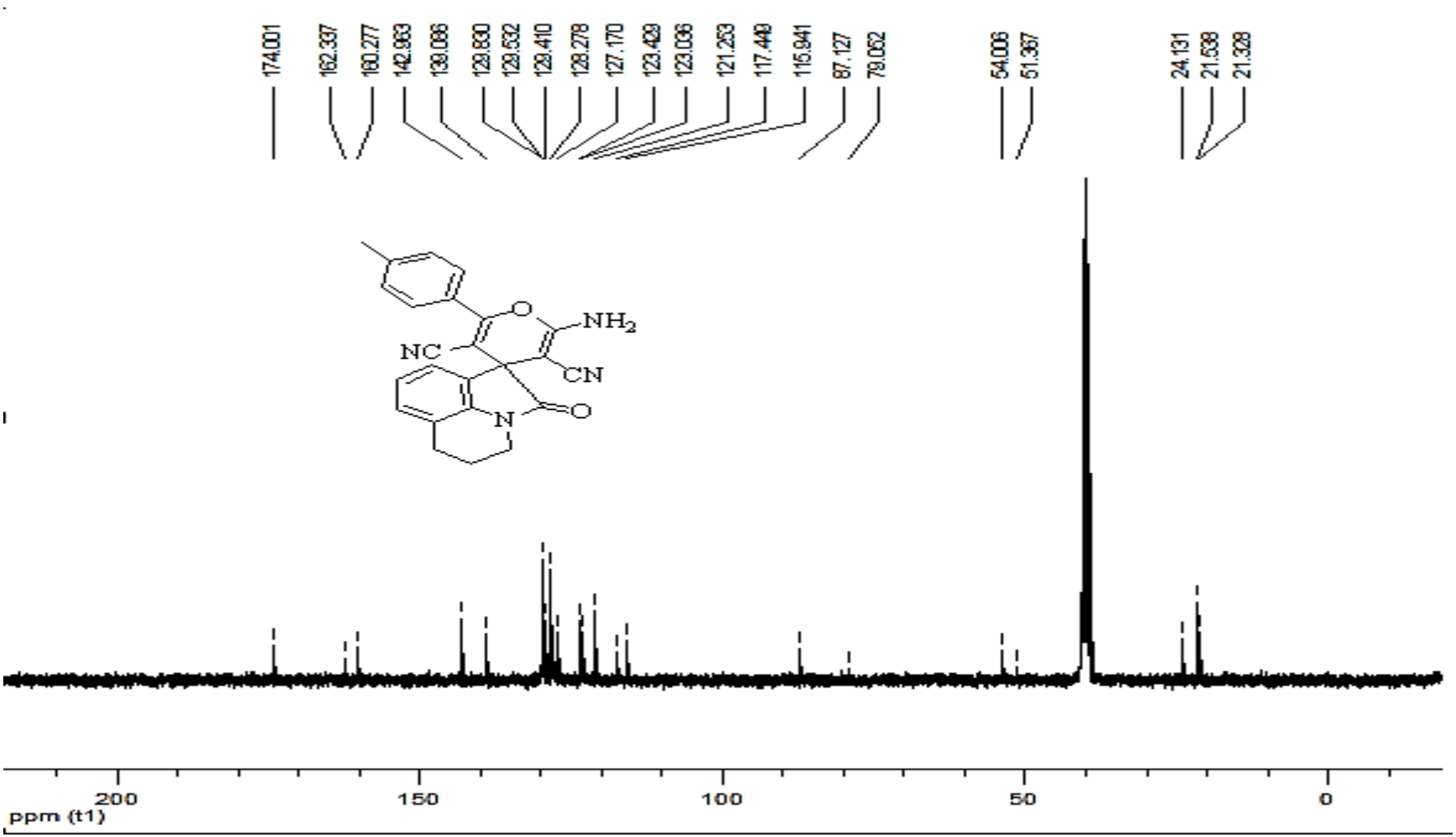

Figure 4 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6b.**

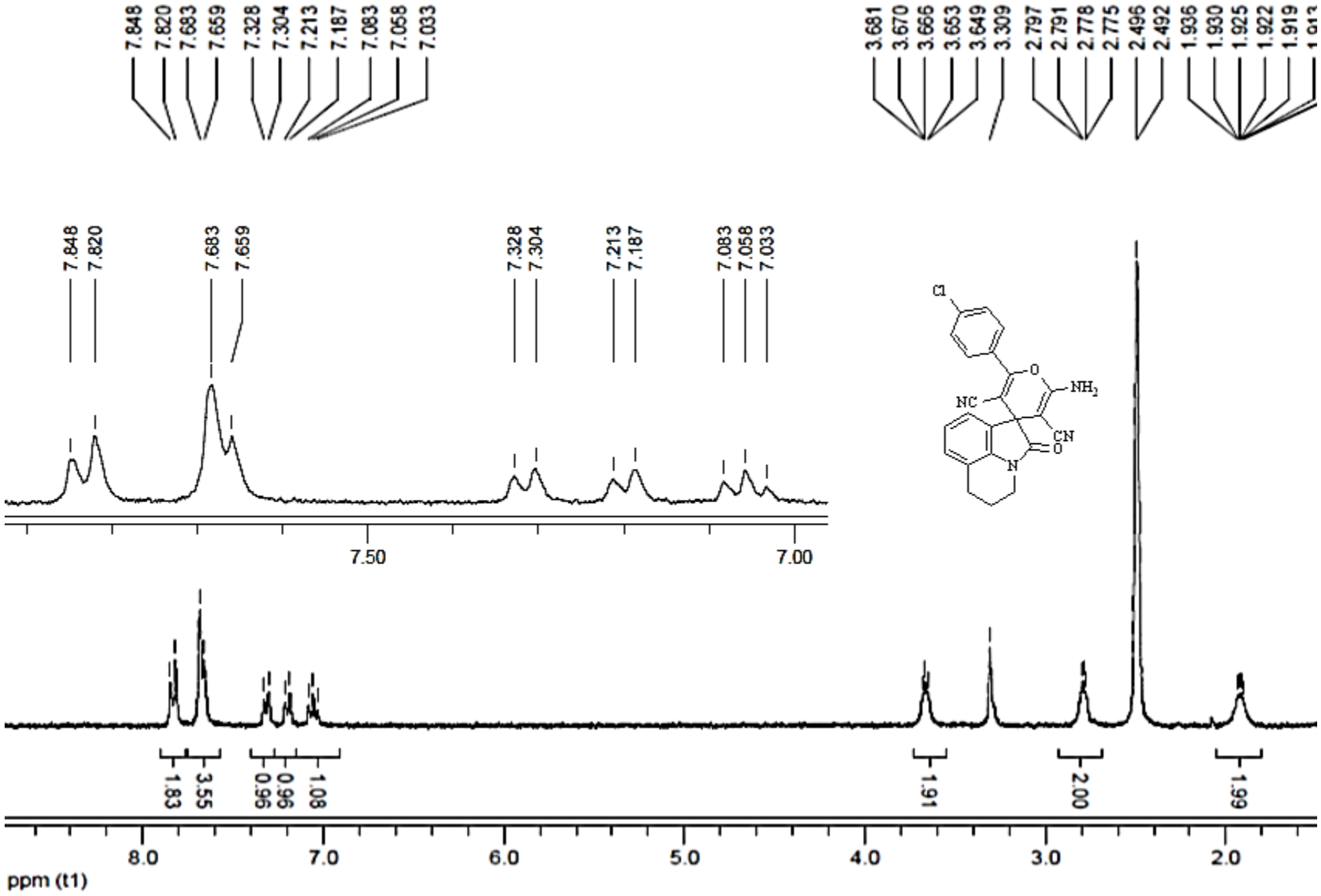

Figure 5 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6c.**

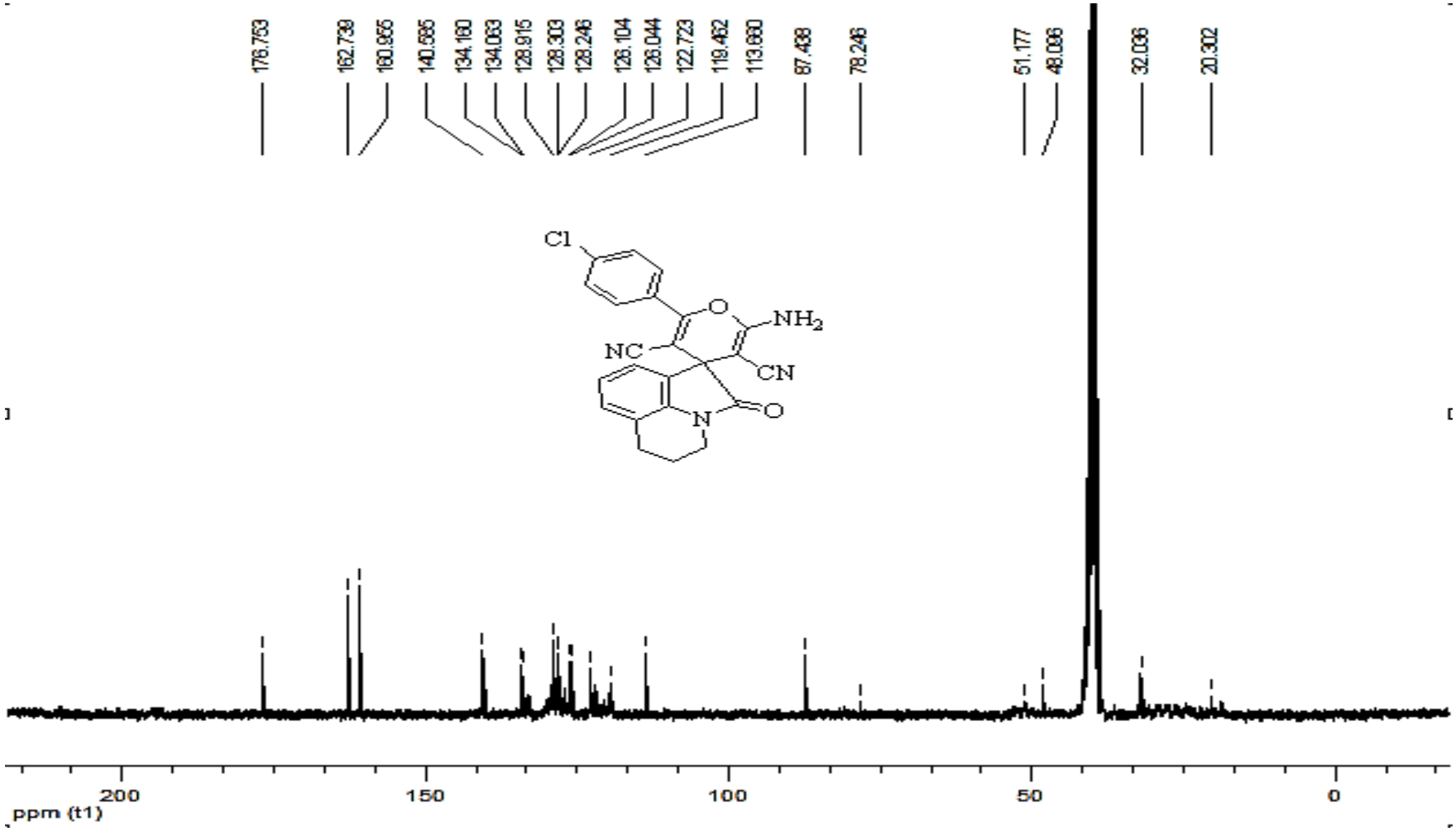

Figure 6 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6c.**

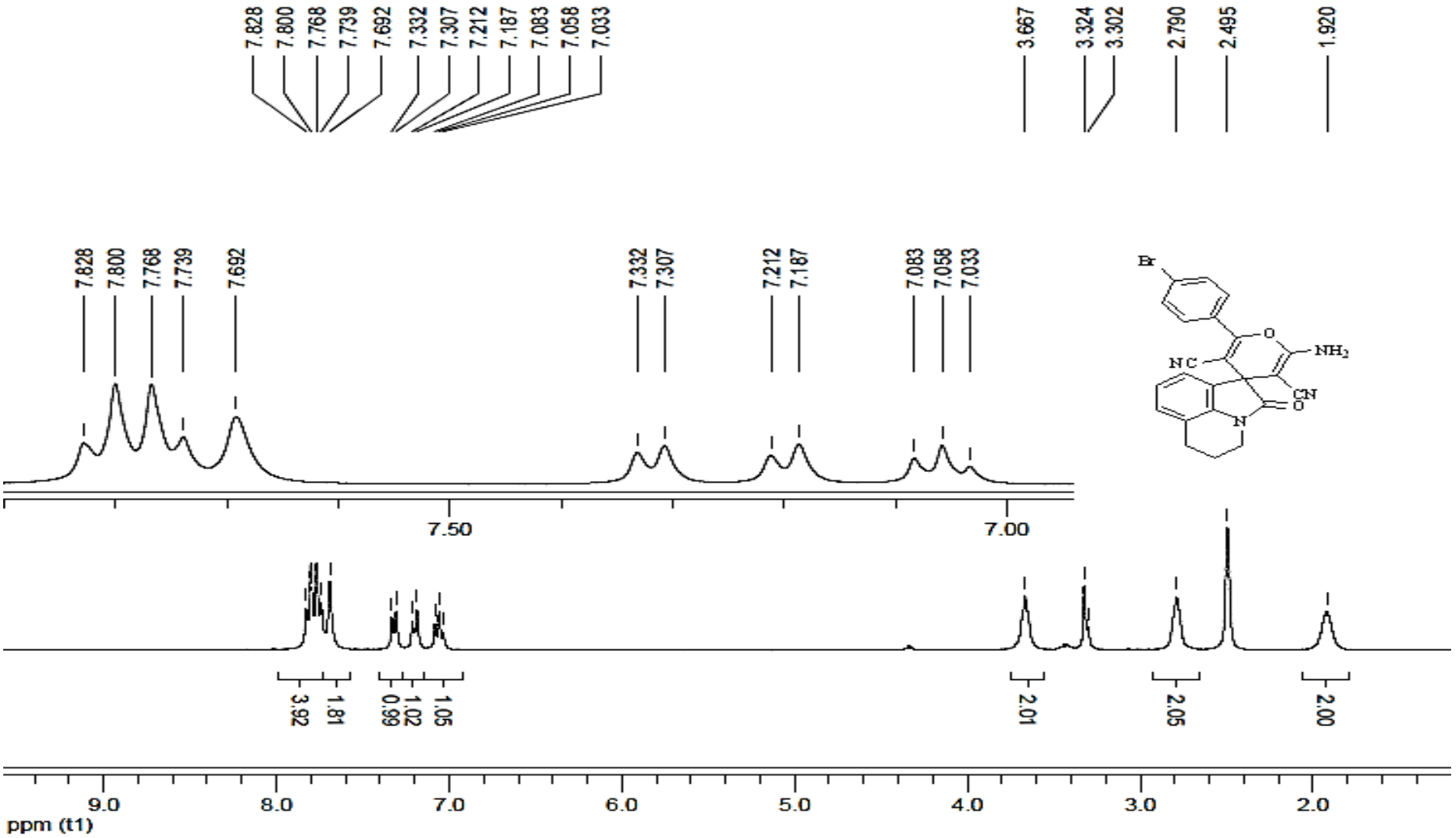

Figure 7 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6d.**

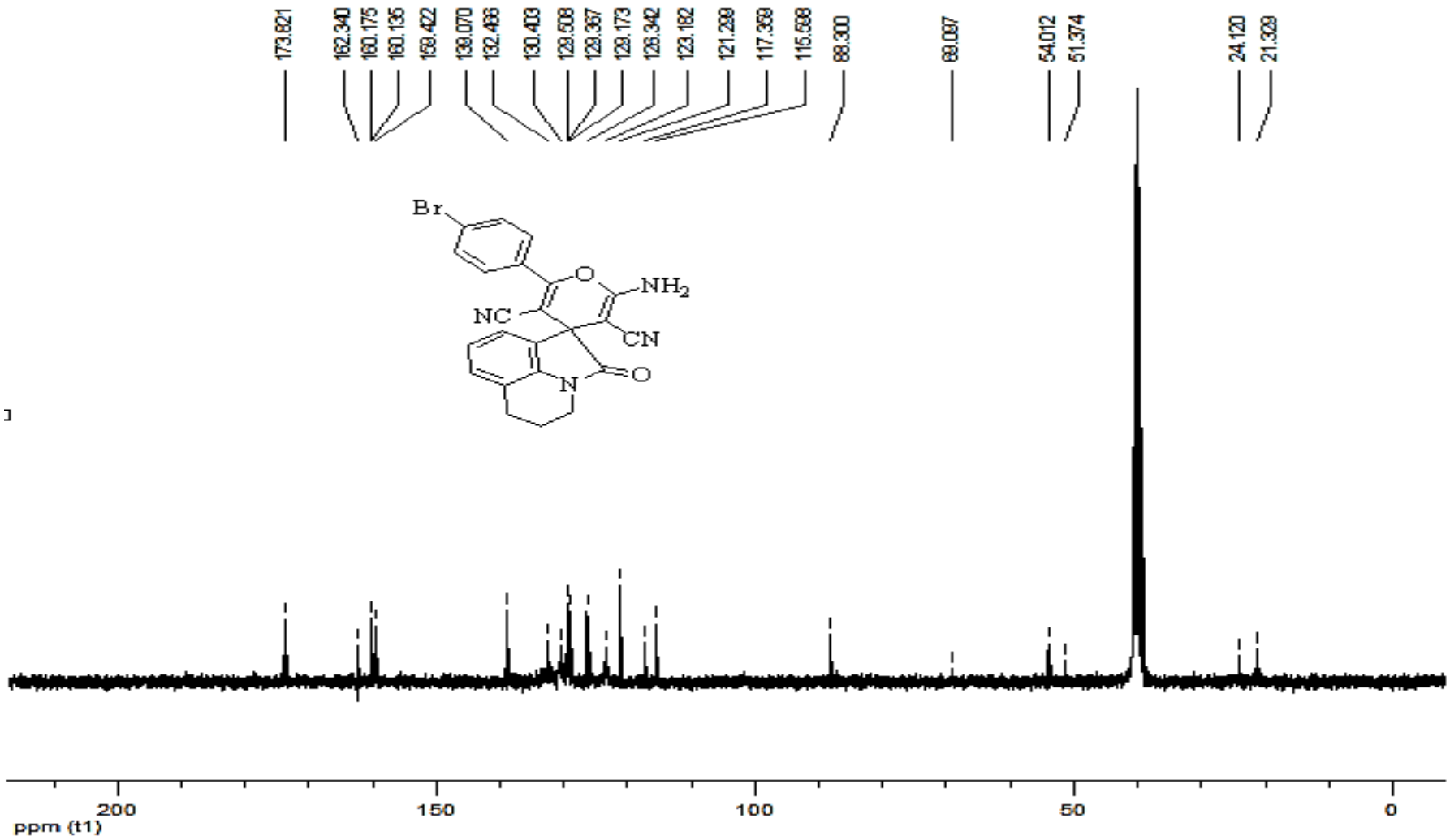

Figure 8 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6d.**

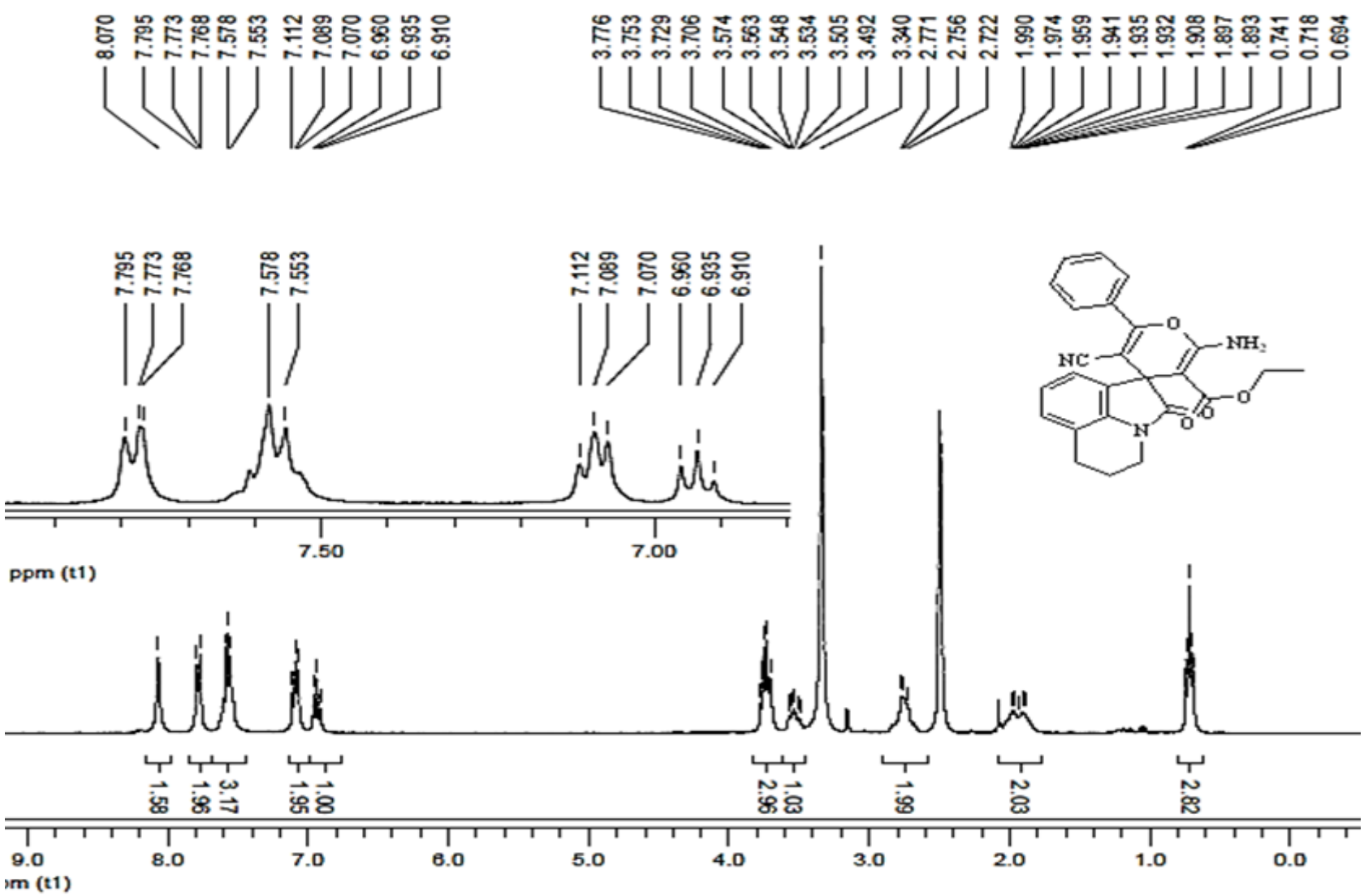

Figure 9 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6f.**

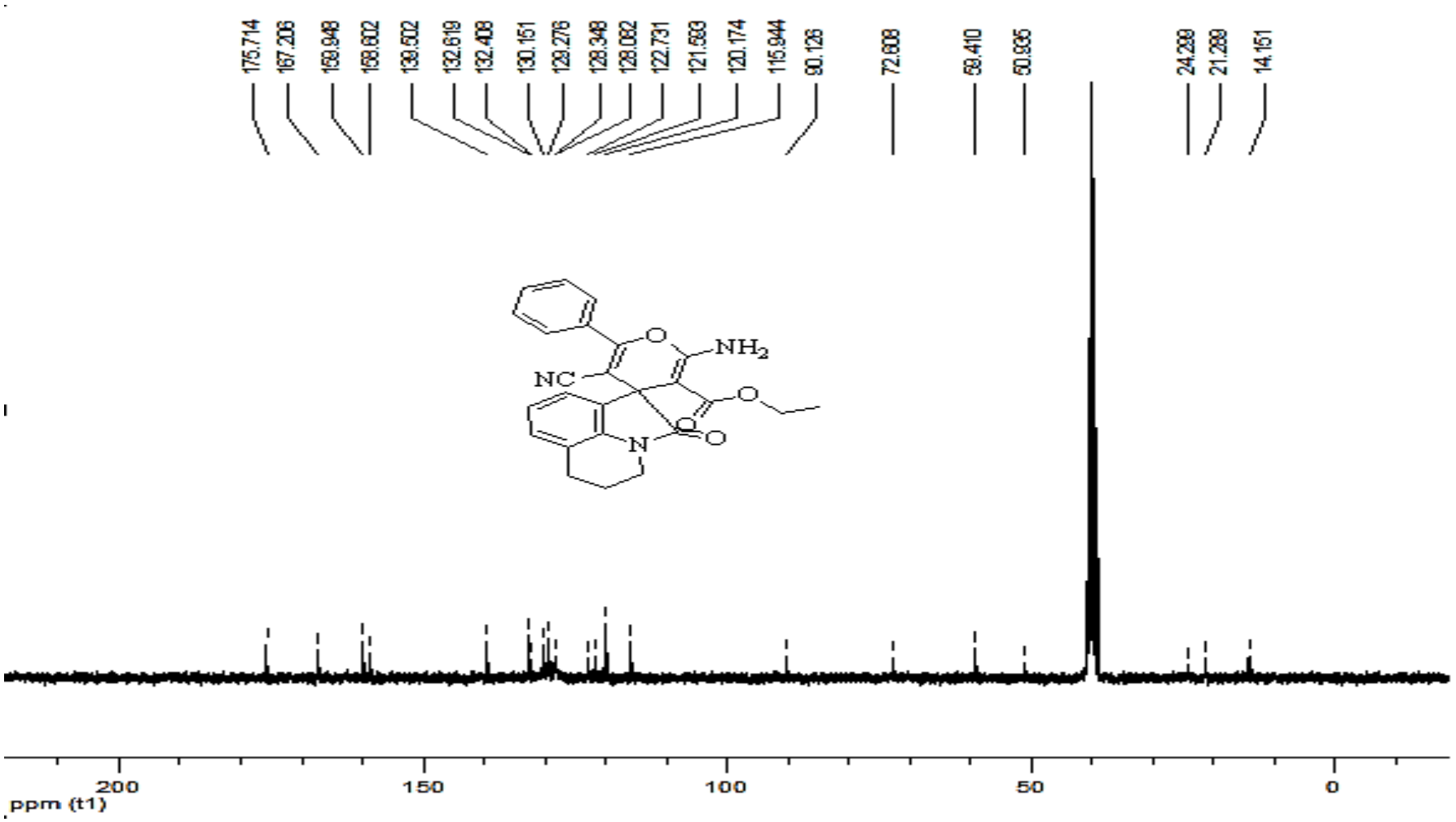

Figure 10 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6f.**

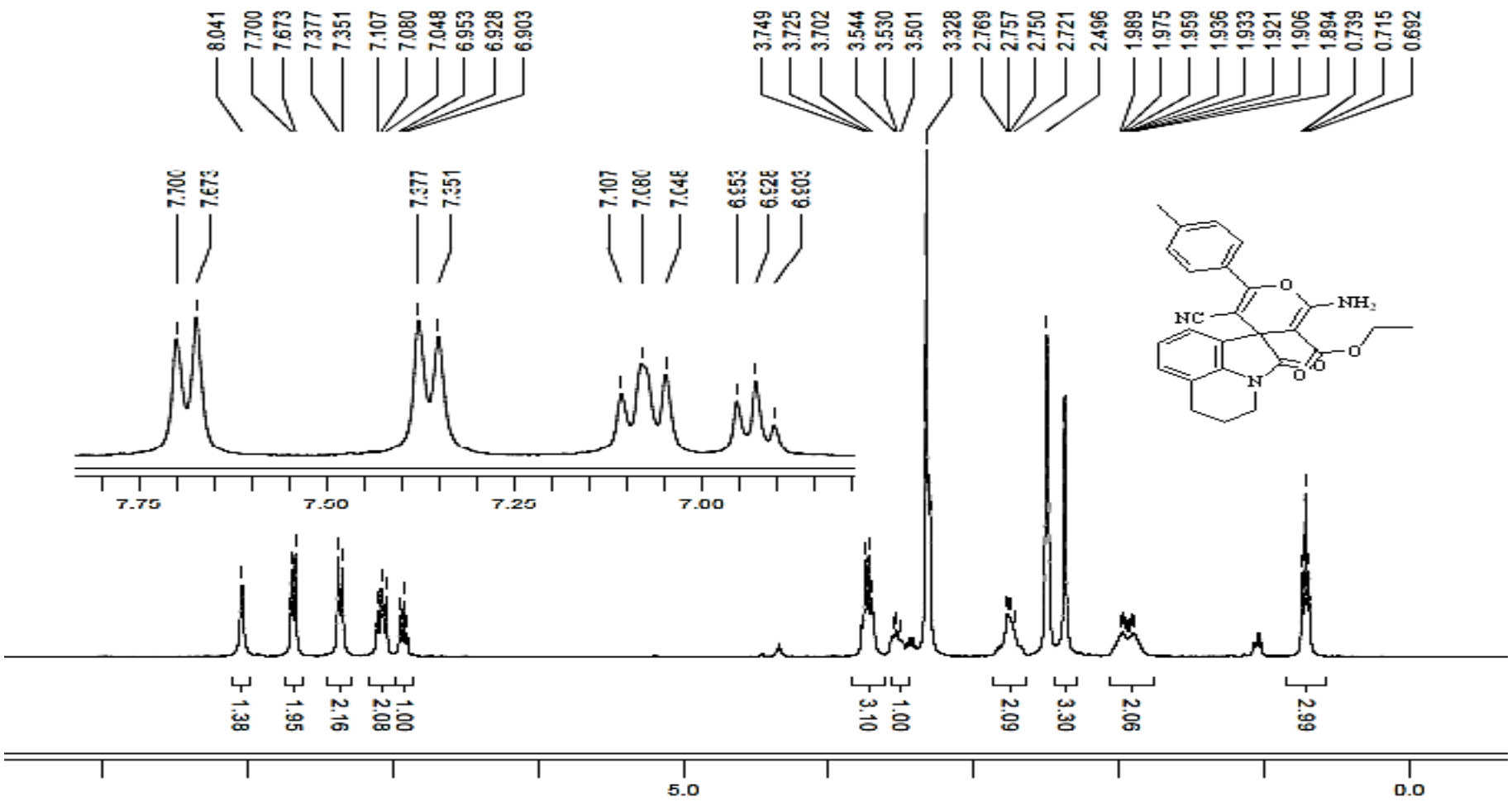

Figure 11 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6g.**

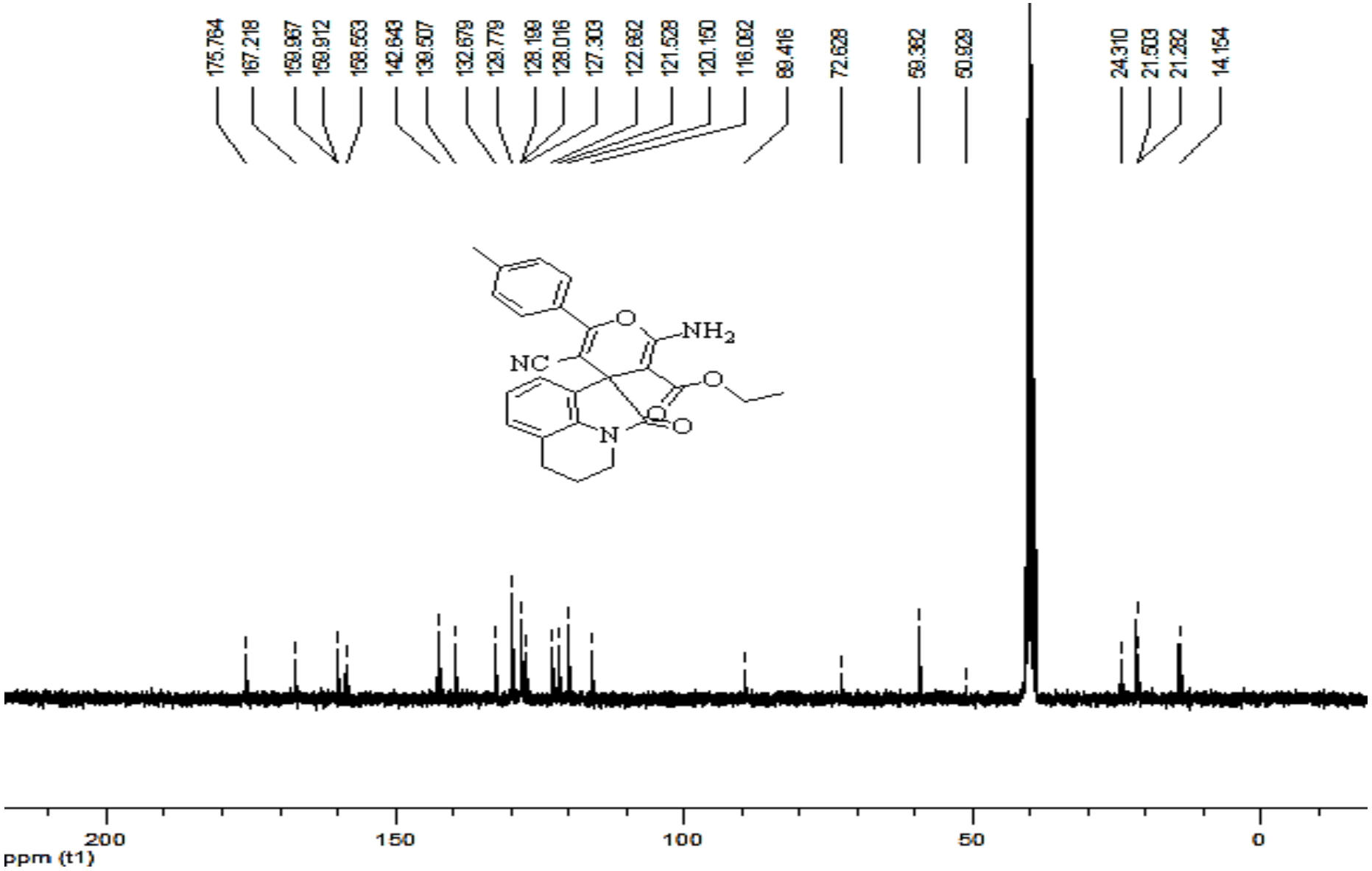

Figure 12 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6g.**

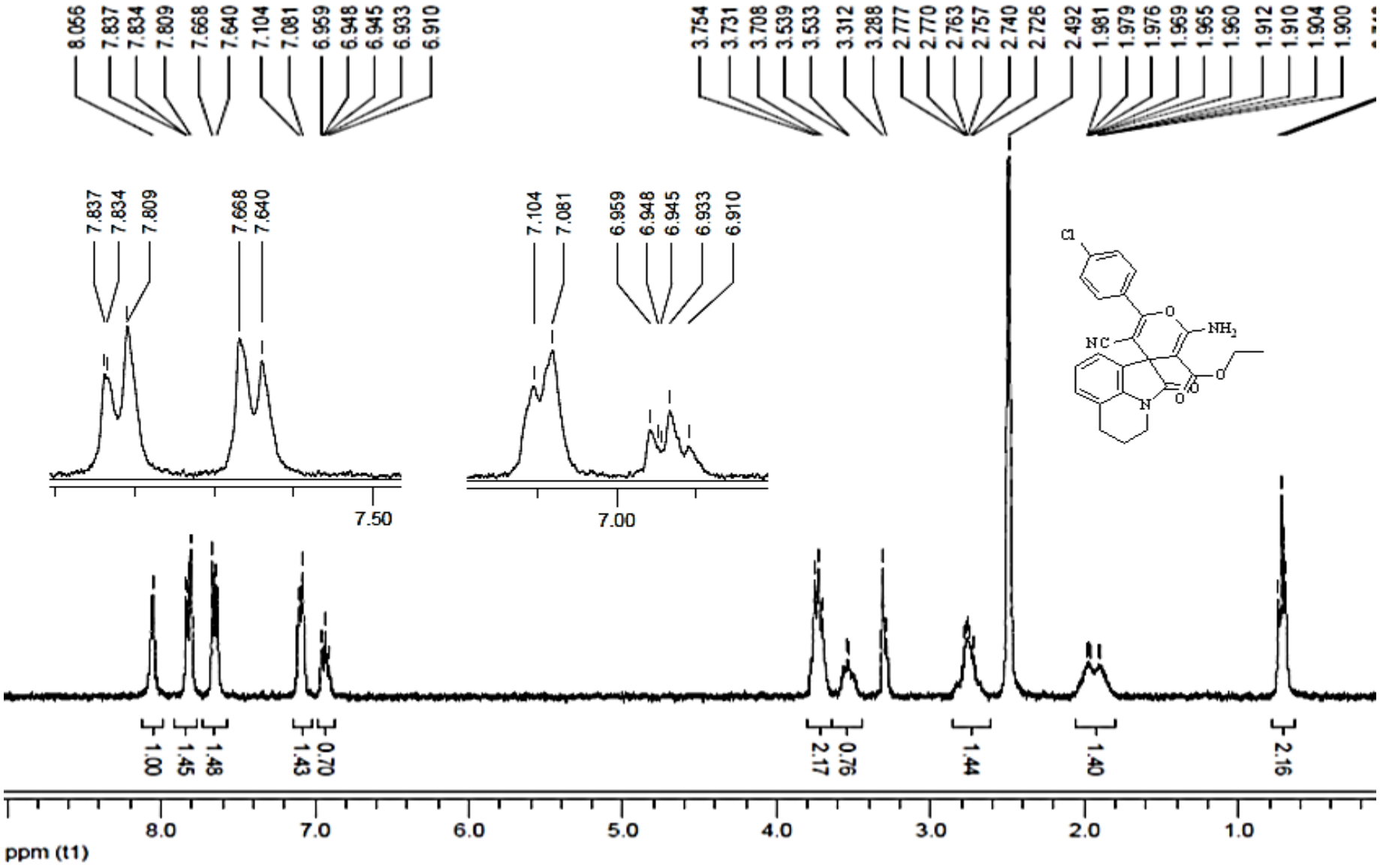

Figure 13 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6h.**

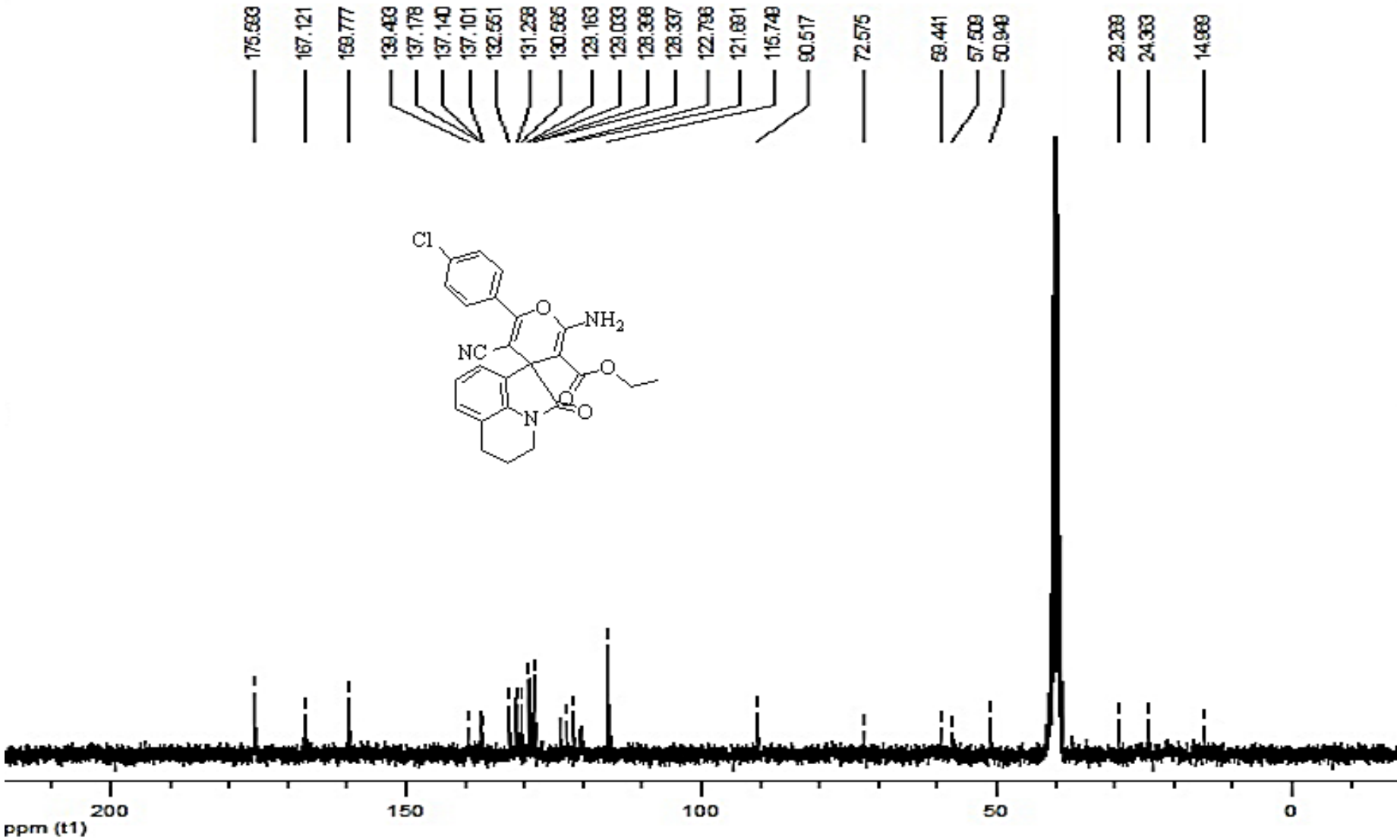

Figure 14 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6h.**

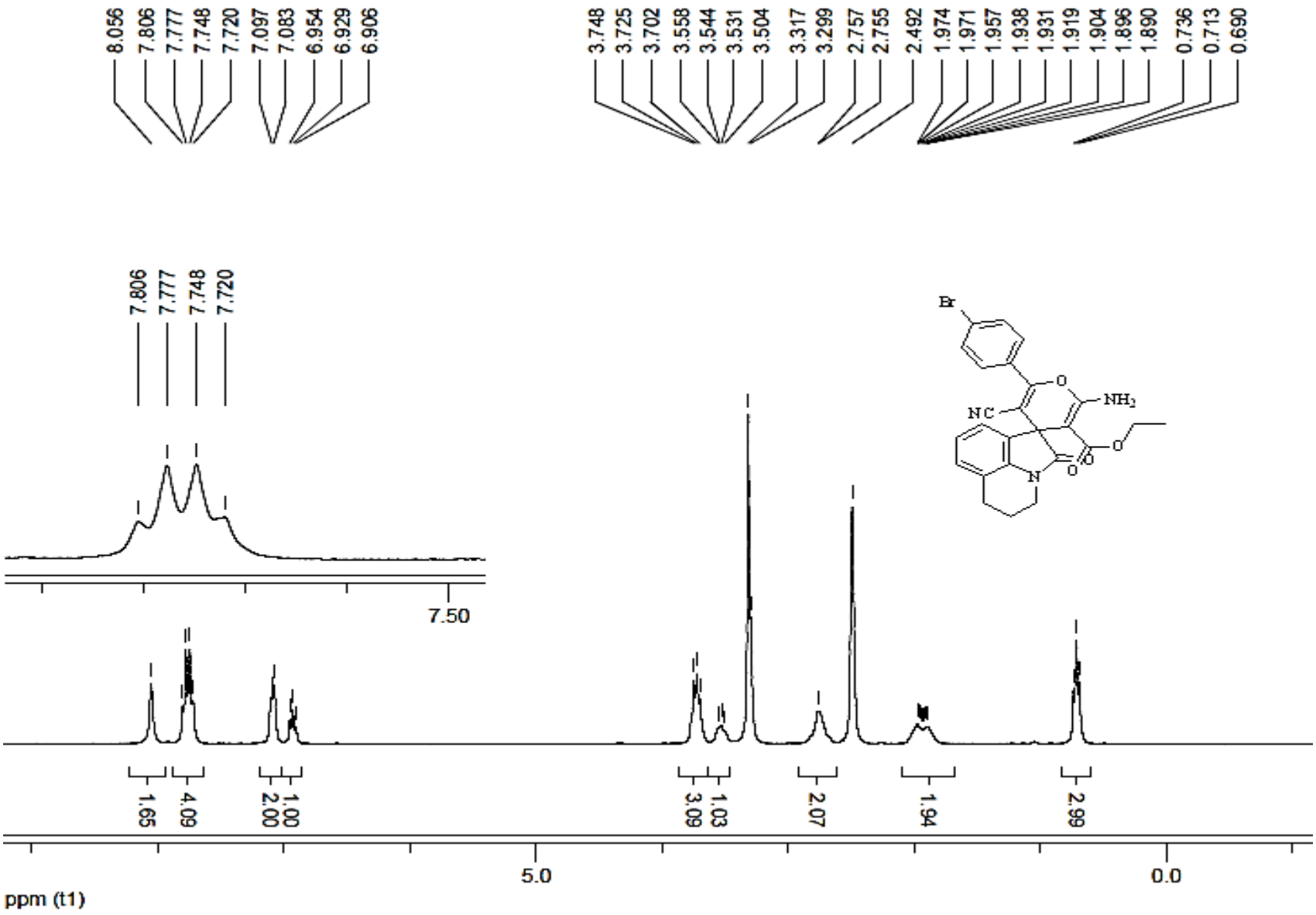

Figure 15 ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **6i.**

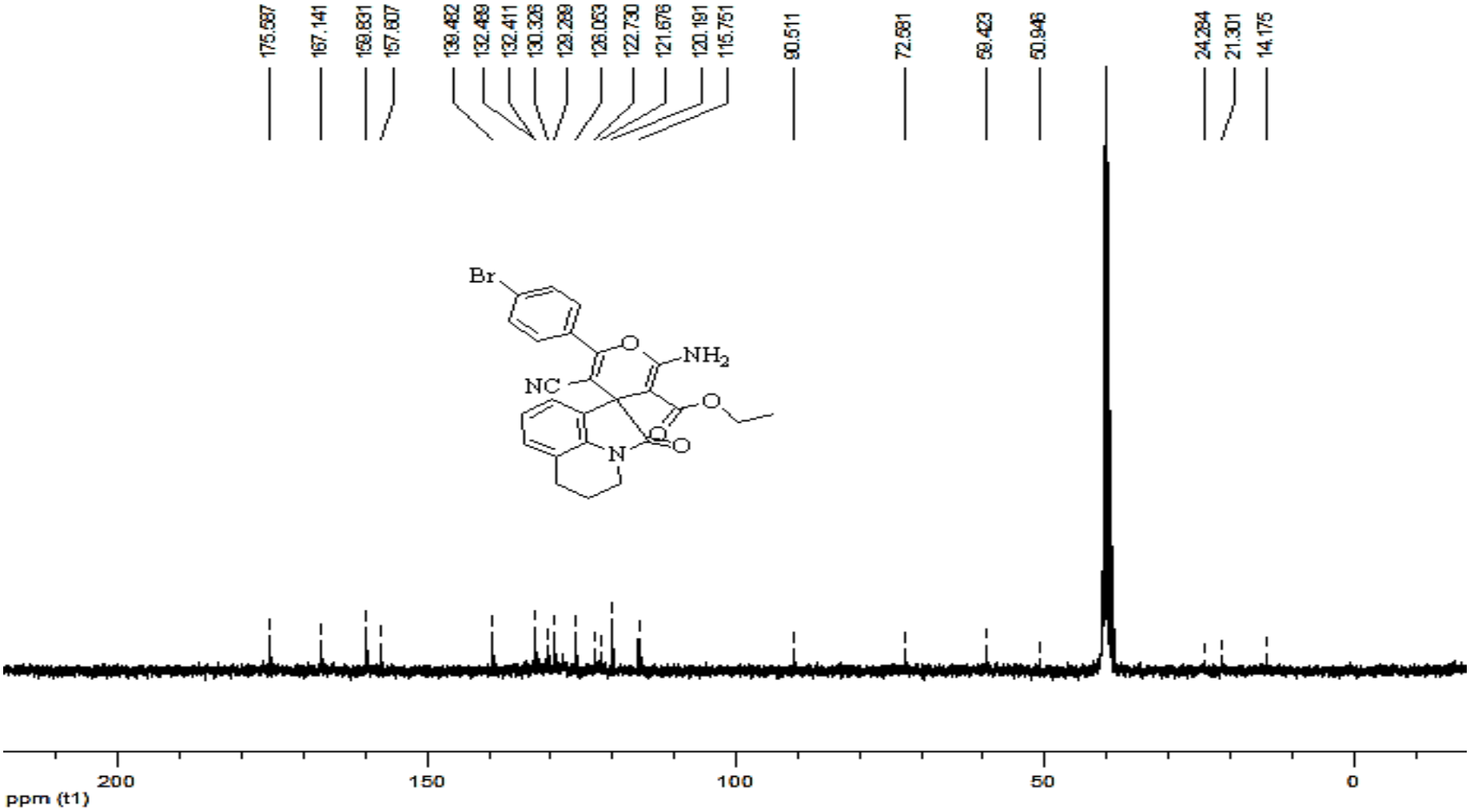

Figure 16 ^{13}C NMR (300 MHz, DMSO-d_6) spectrum of compound **6i.**