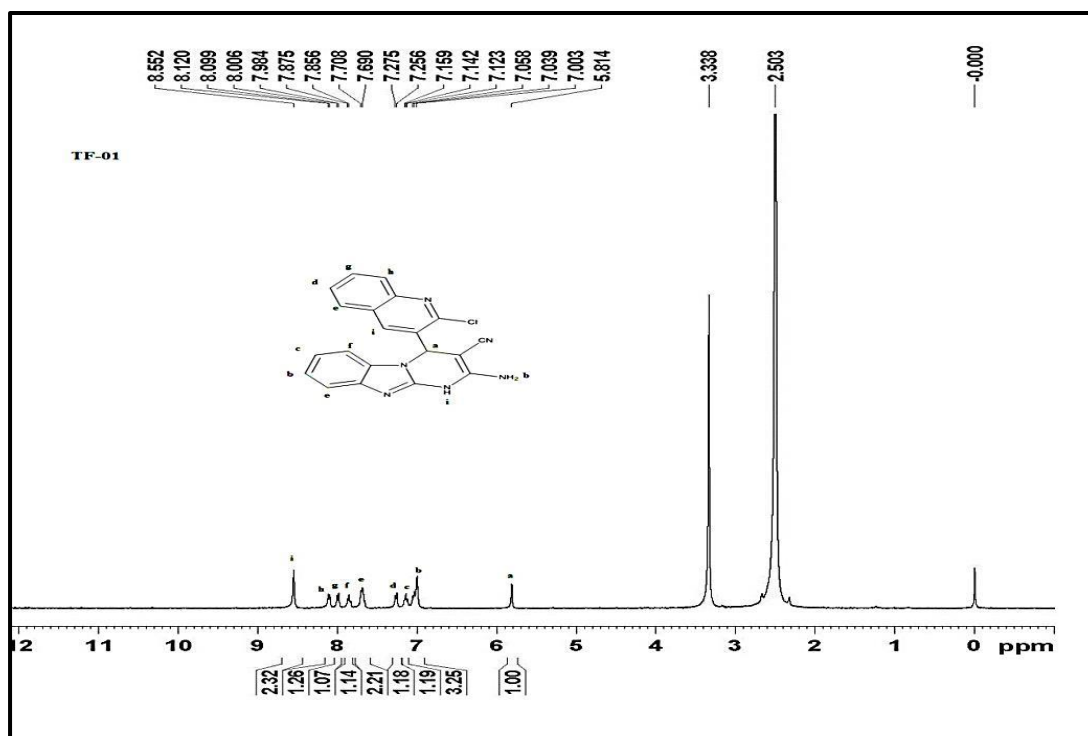


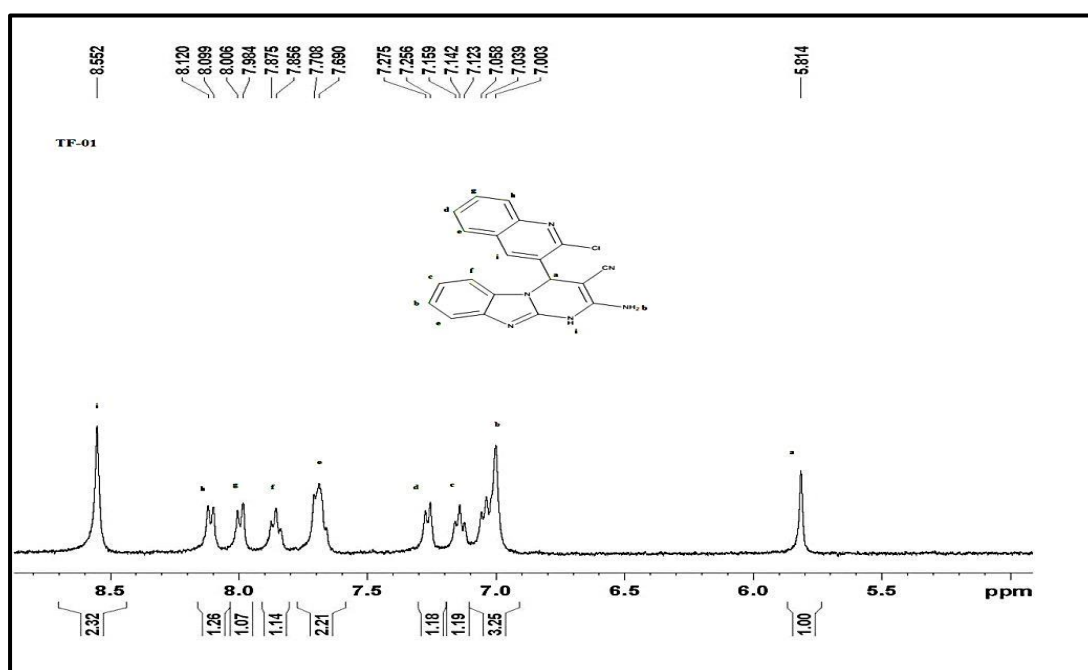
Supporting Information

Rapid, Greener and Ultrasound-Assisted One-Pot Synthesis of Quinoline, Benzimidazole and Pyrimidine Combined Moiety as Potential Antimicrobial Agents

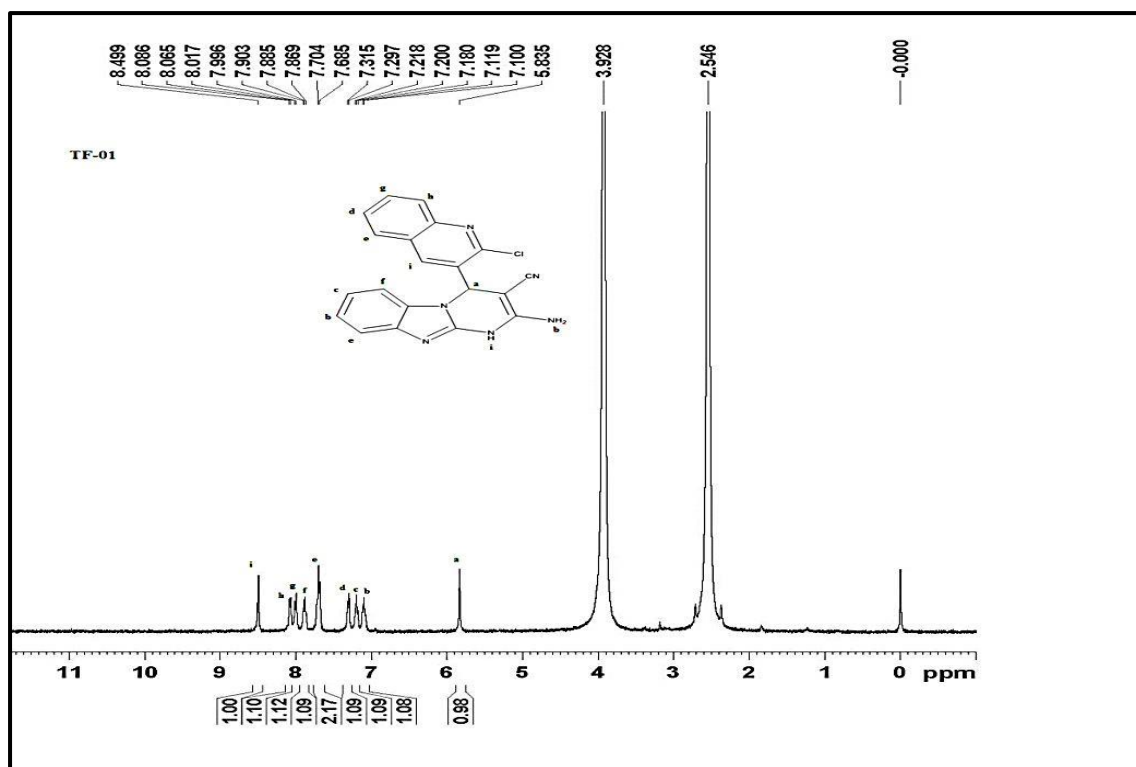
$^1\text{H-NMR}$ of TF-1 in 400 MHz, DMSO-d_6 :



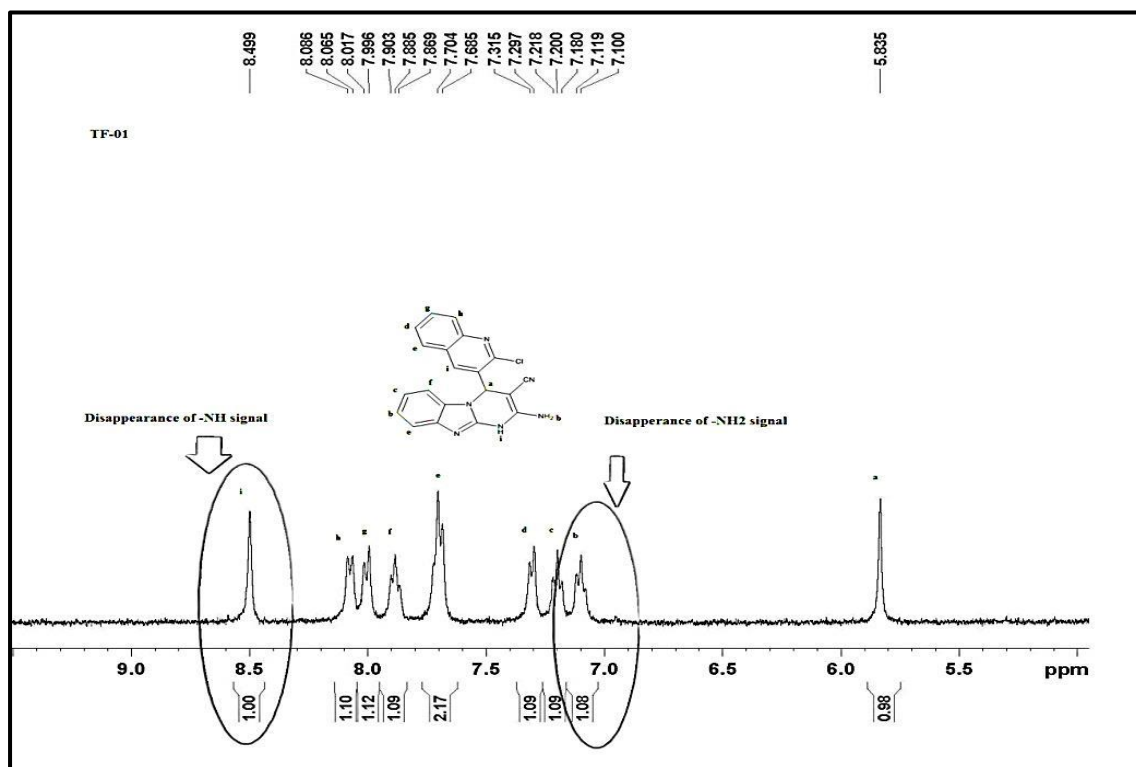
Expanded (Aromatic region) $^1\text{H-NMR}$ of TF-1 in 400 MHz, DMSO-d_6 :



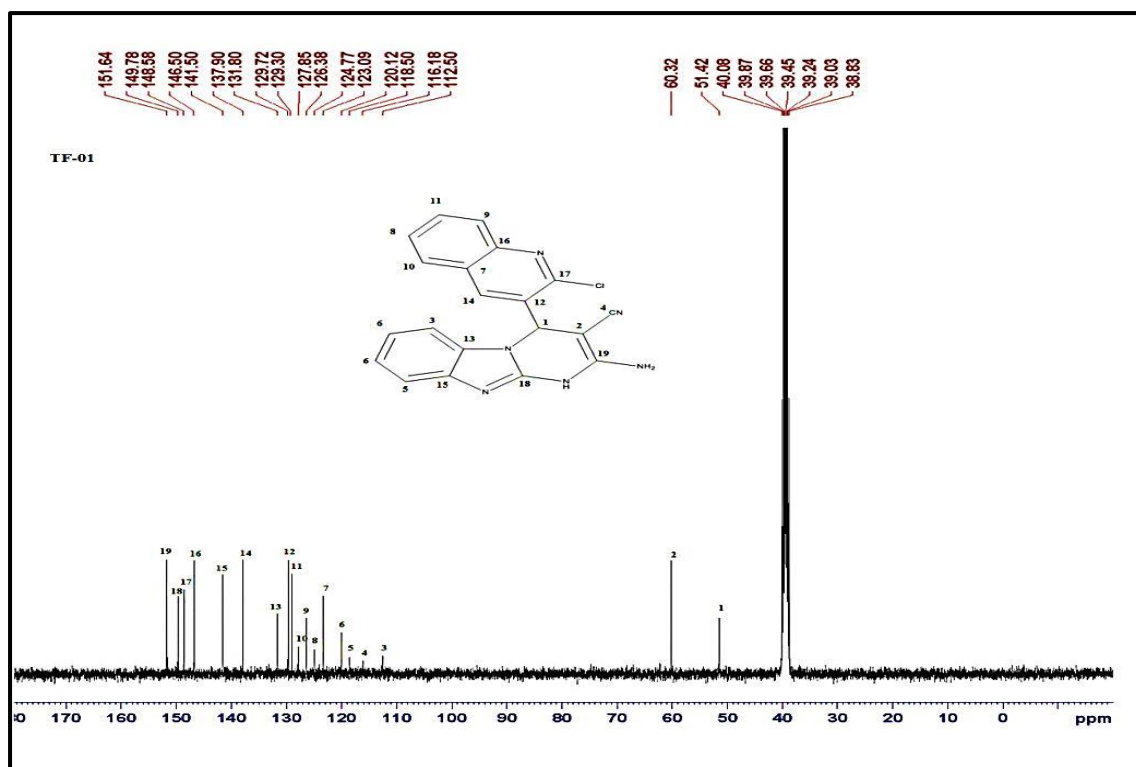
$^1\text{H-NMR}$ of TF-1 in 400 MHz, DMSO- d_6 (D $_2$ O exchange)



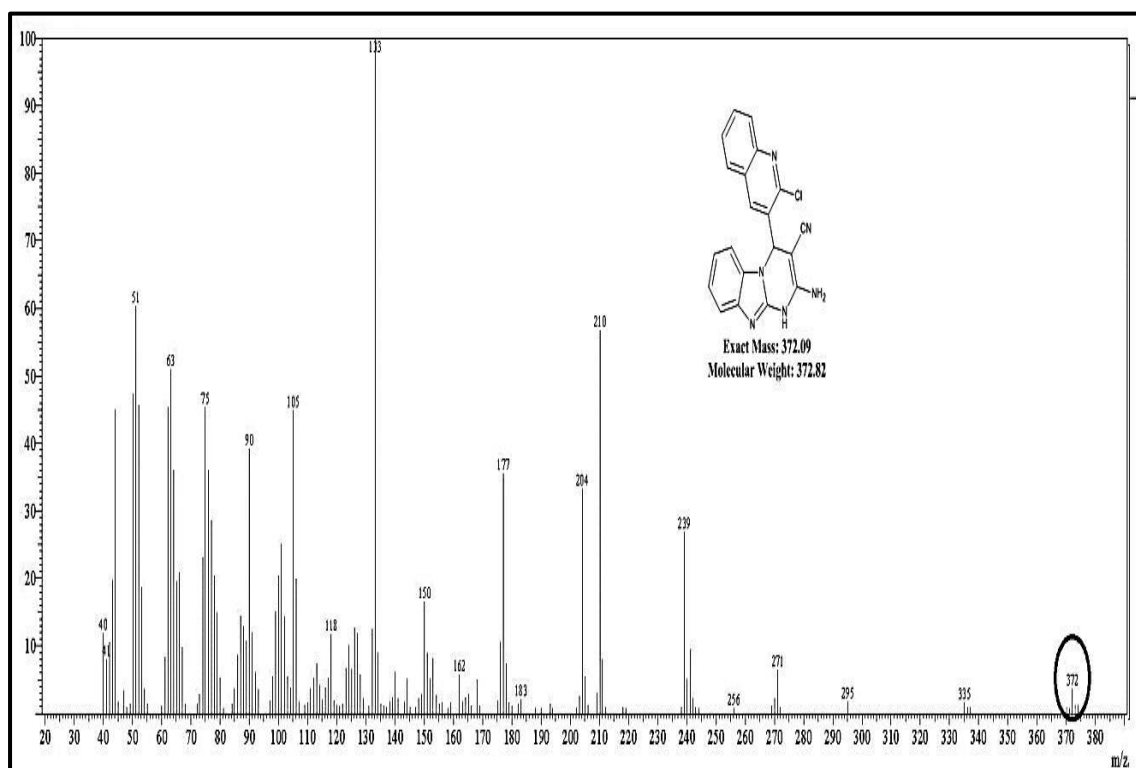
Expanded (Aromatic region) $^1\text{H-NMR}$ of TF-1 in 400 MHz, DMSO- d_6 (D $_2$ O exchange)

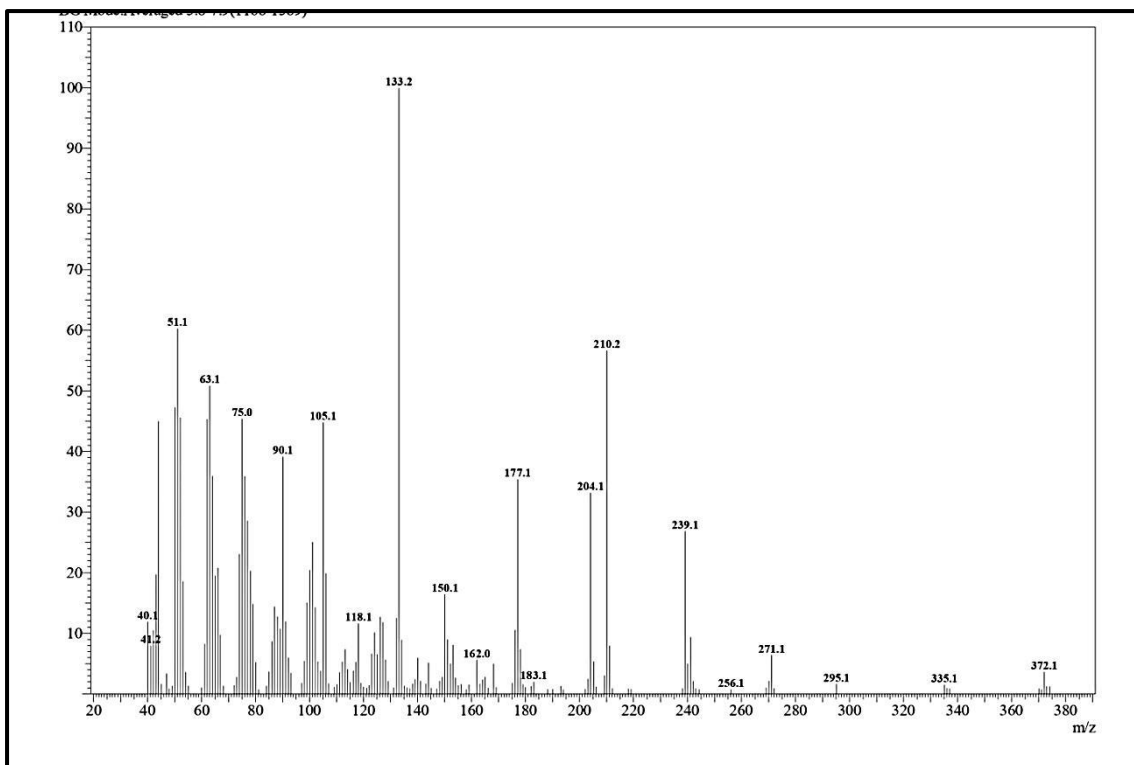


¹³C-NMR of TF-1 in 101 MHz, DMSO-d₆:

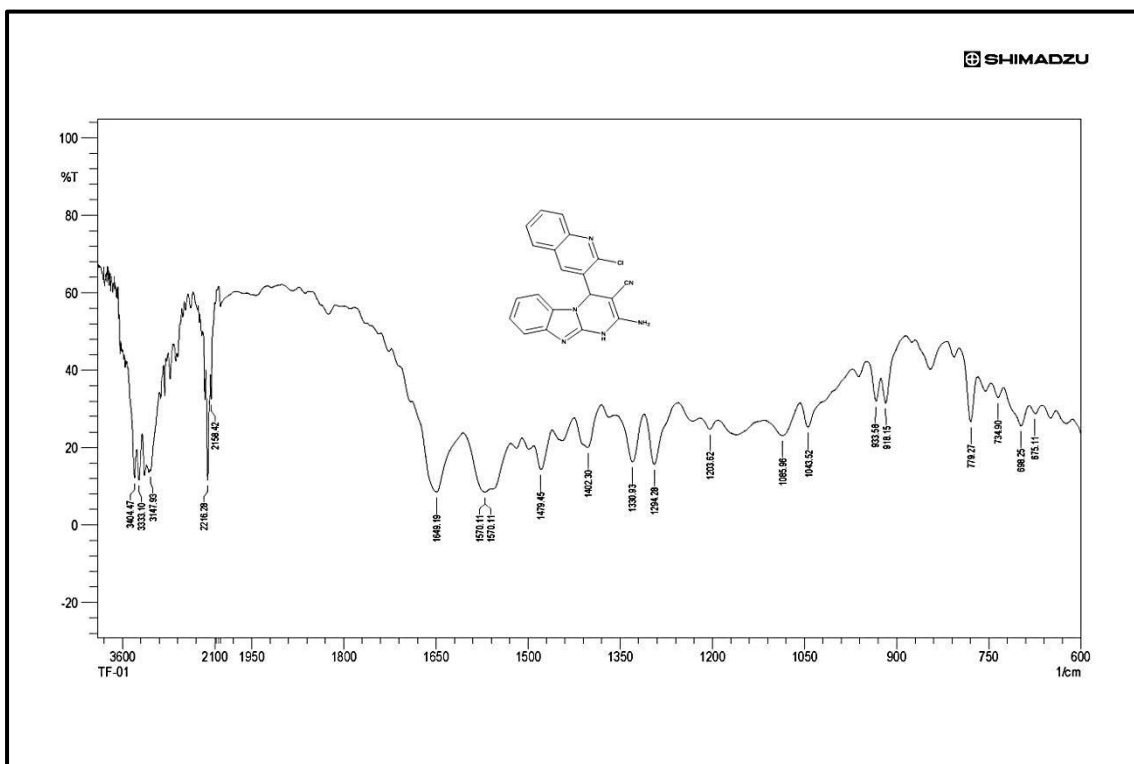


Mass spectrum of compound TF-1:

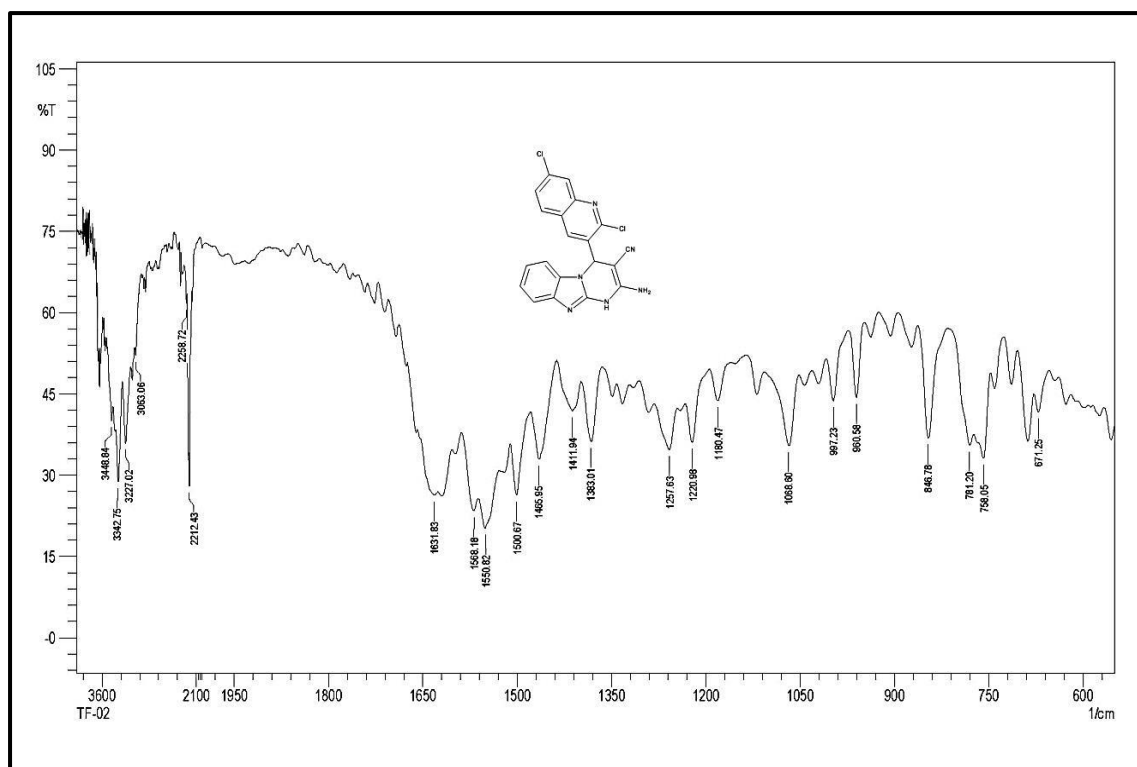




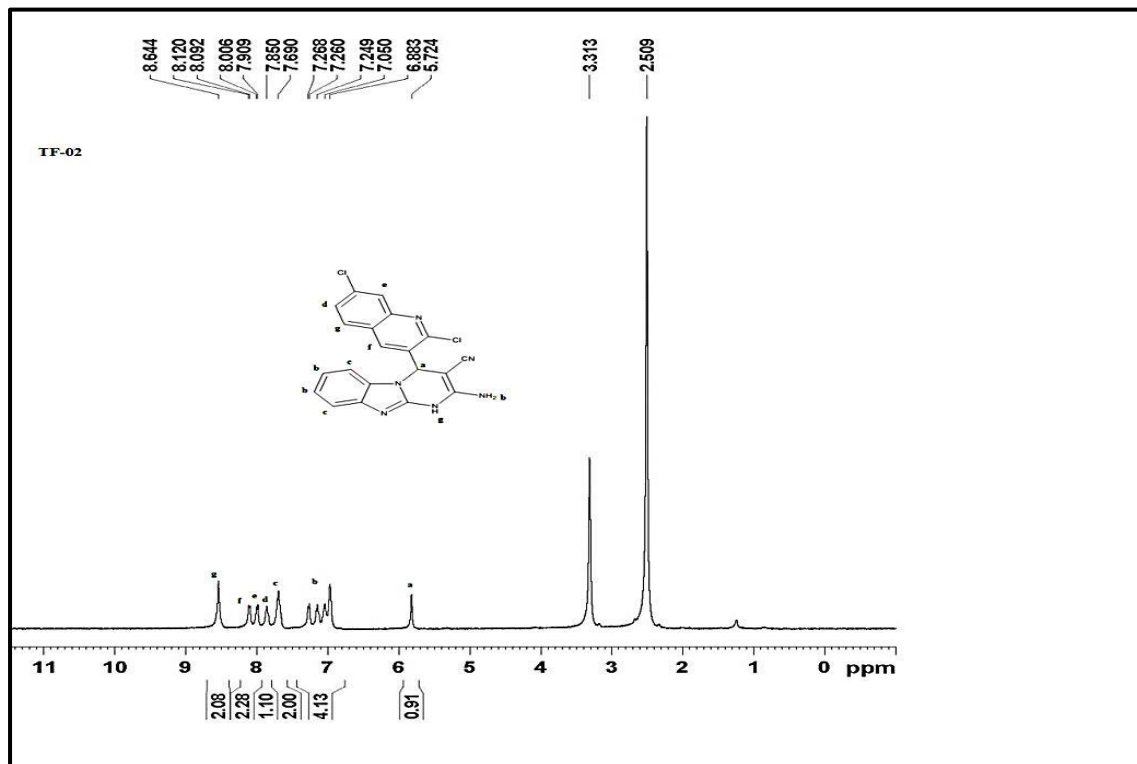
IR spectrum of compound TF-1:



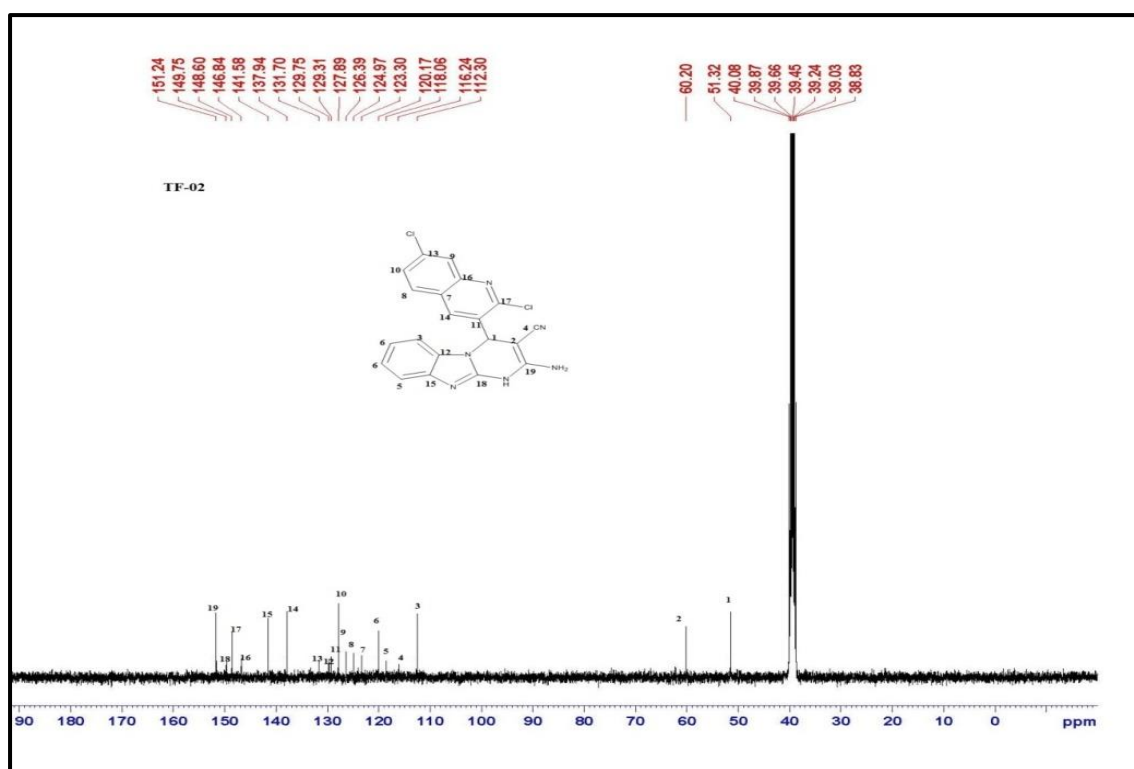
IR spectrum of compound TF-2:



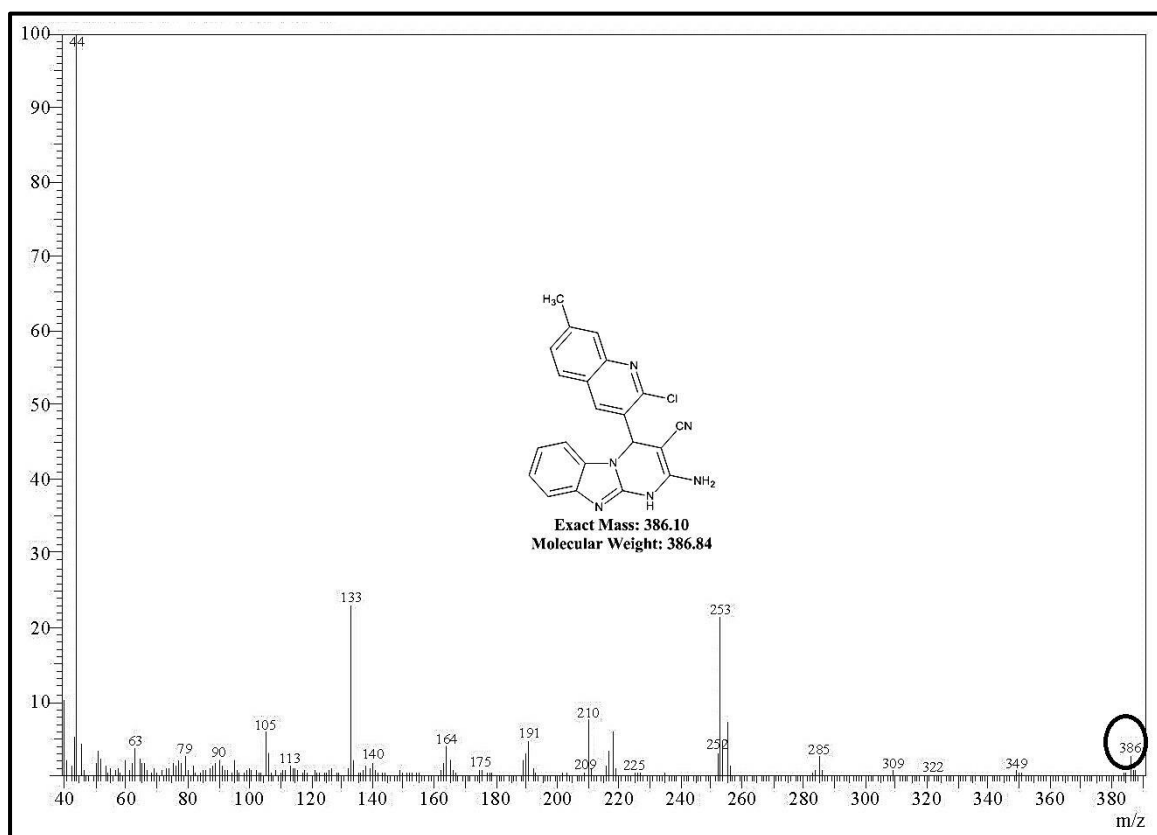
$^1\text{H-NMR}$ of TF-2 in 400 MHz, DMSO-d_6 :

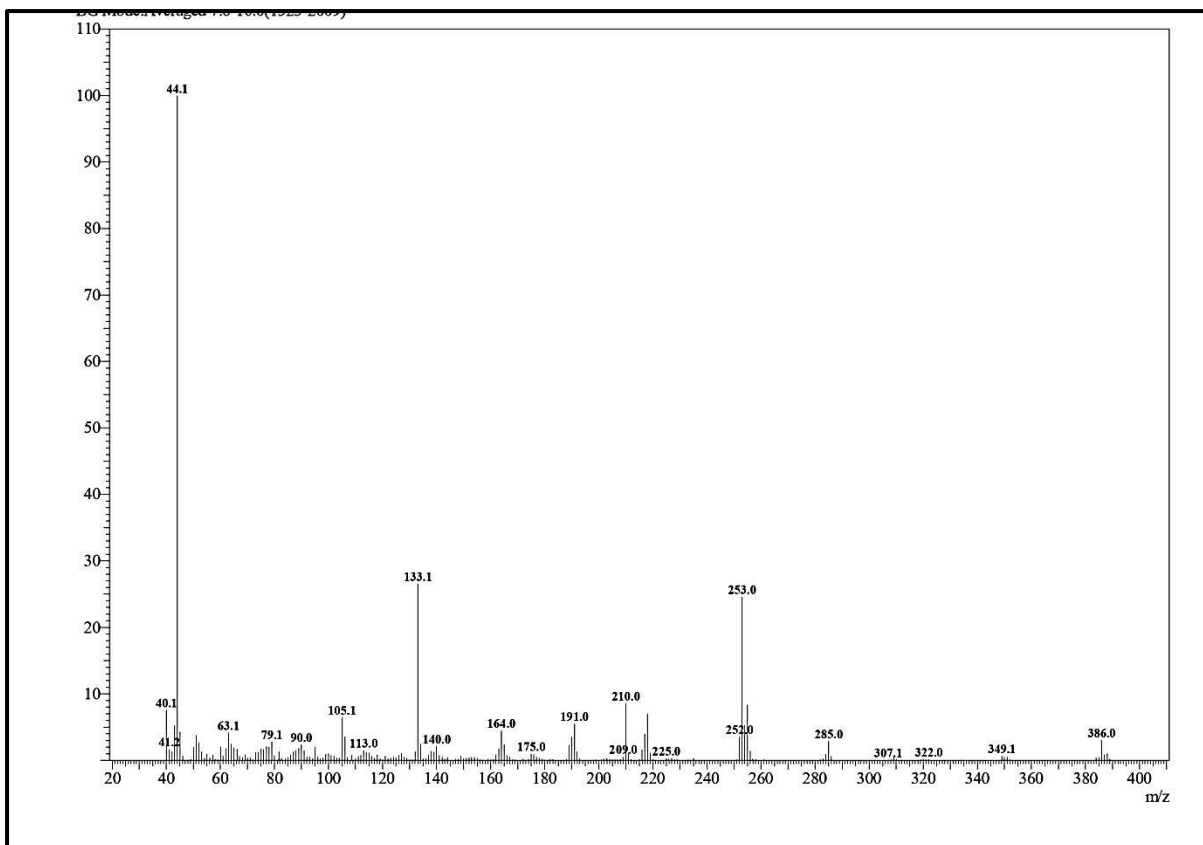


^{13}C -NMR of TF-2 in 101 MHz, DMSO- d_6 :

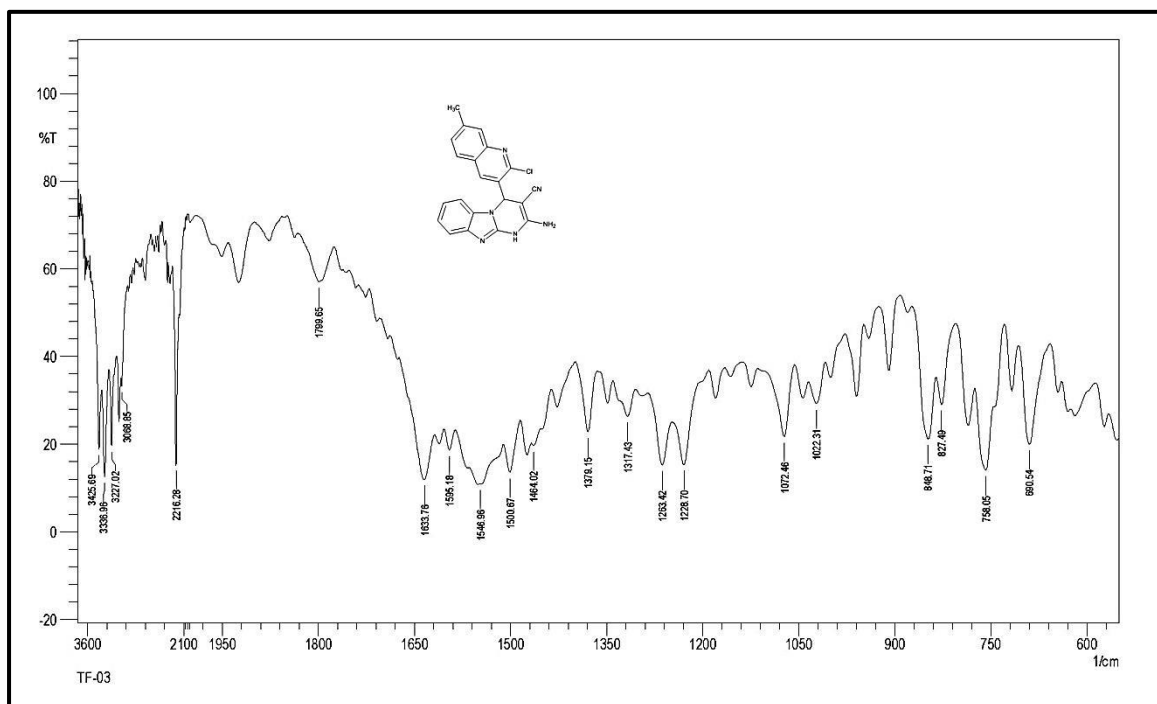


Mass spectrum of compound TF-3:

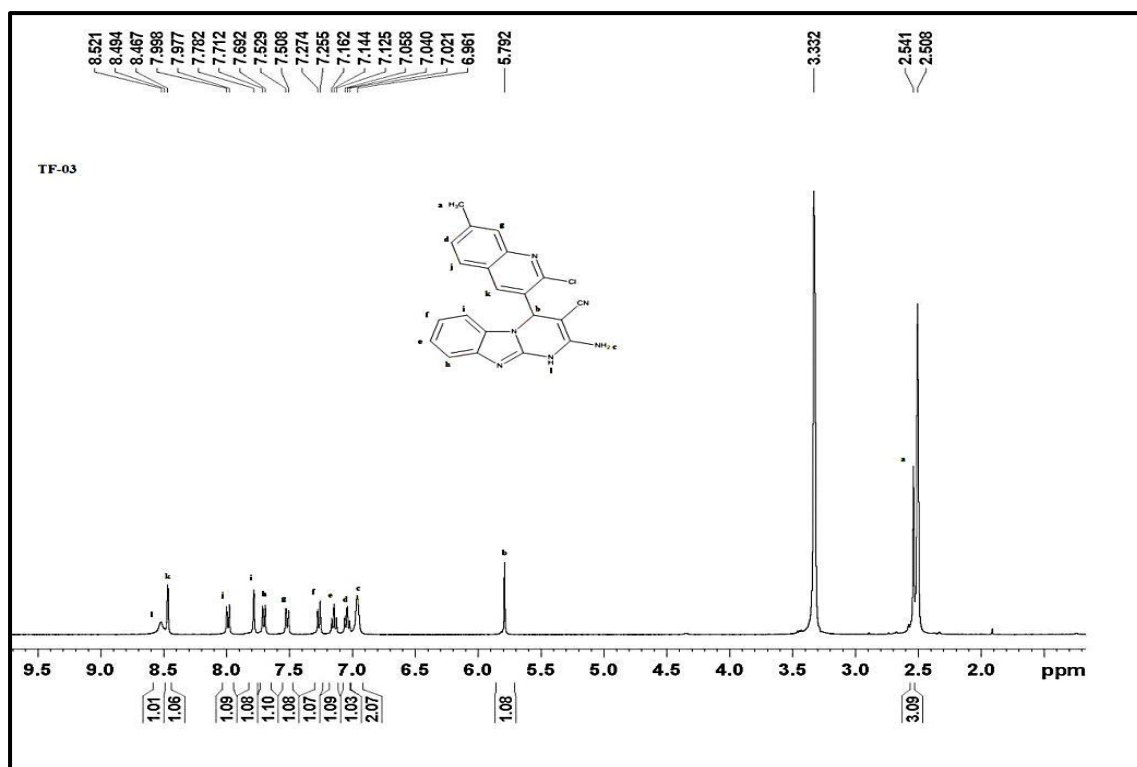




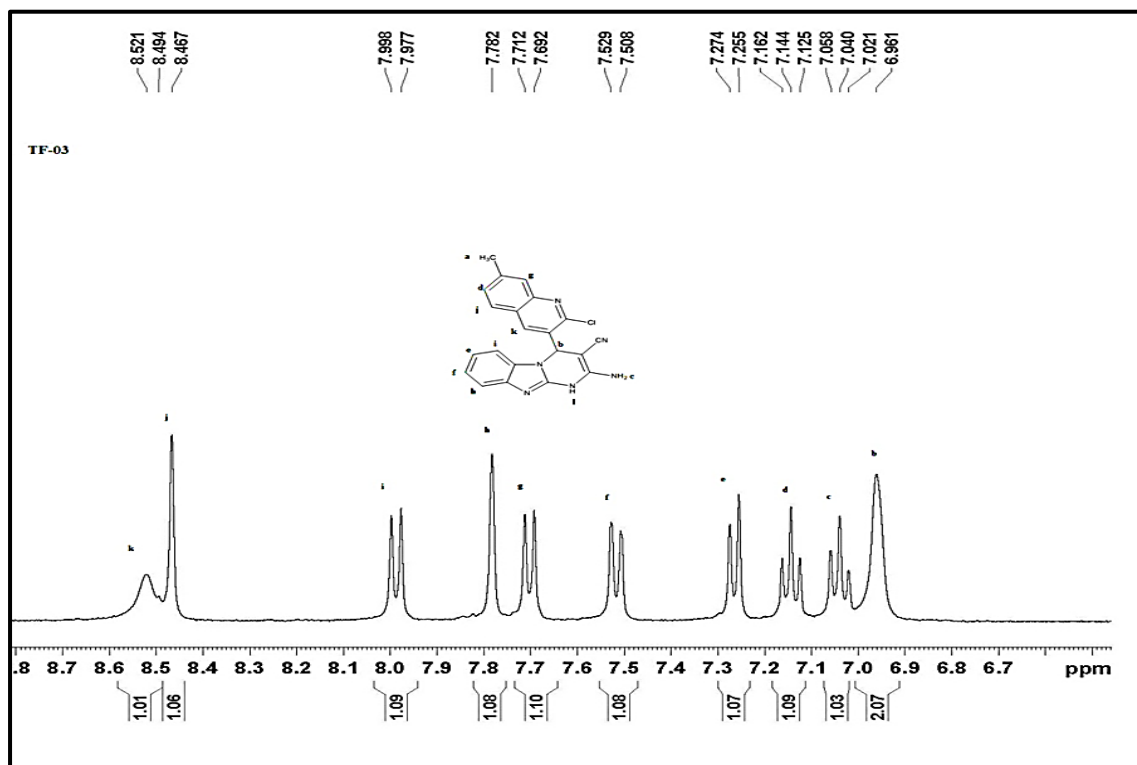
IR spectrum of compound TF-3:



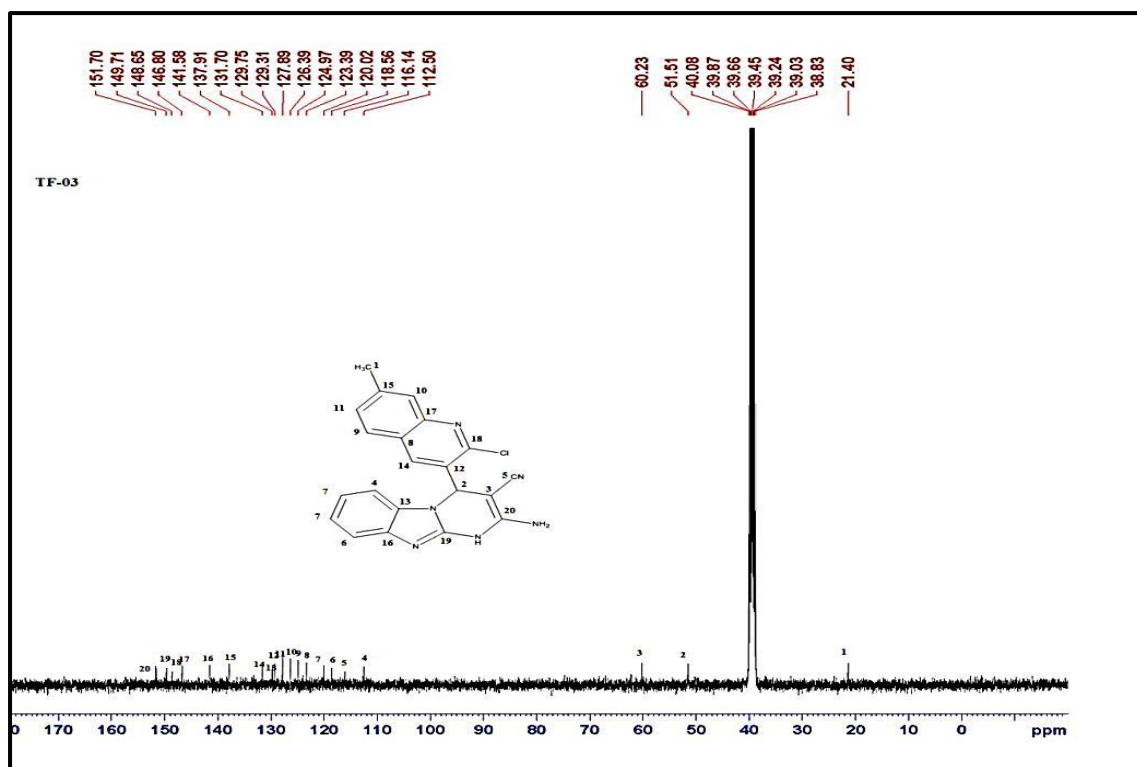
$^1\text{H-NMR}$ of TF-3 in 400 MHz, DMSO-d_6 :



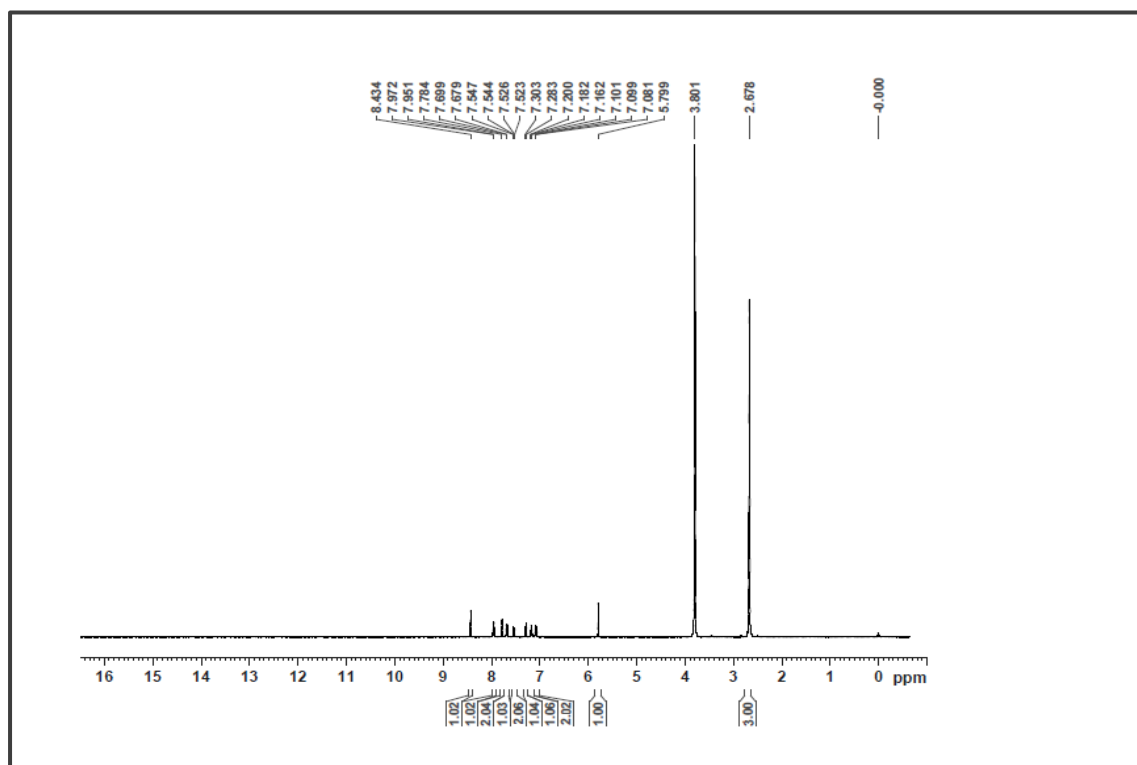
Expanded (Aromatic region) $^1\text{H-NMR}$ of TF-3 in 400 MHz, DMSO-d_6 :



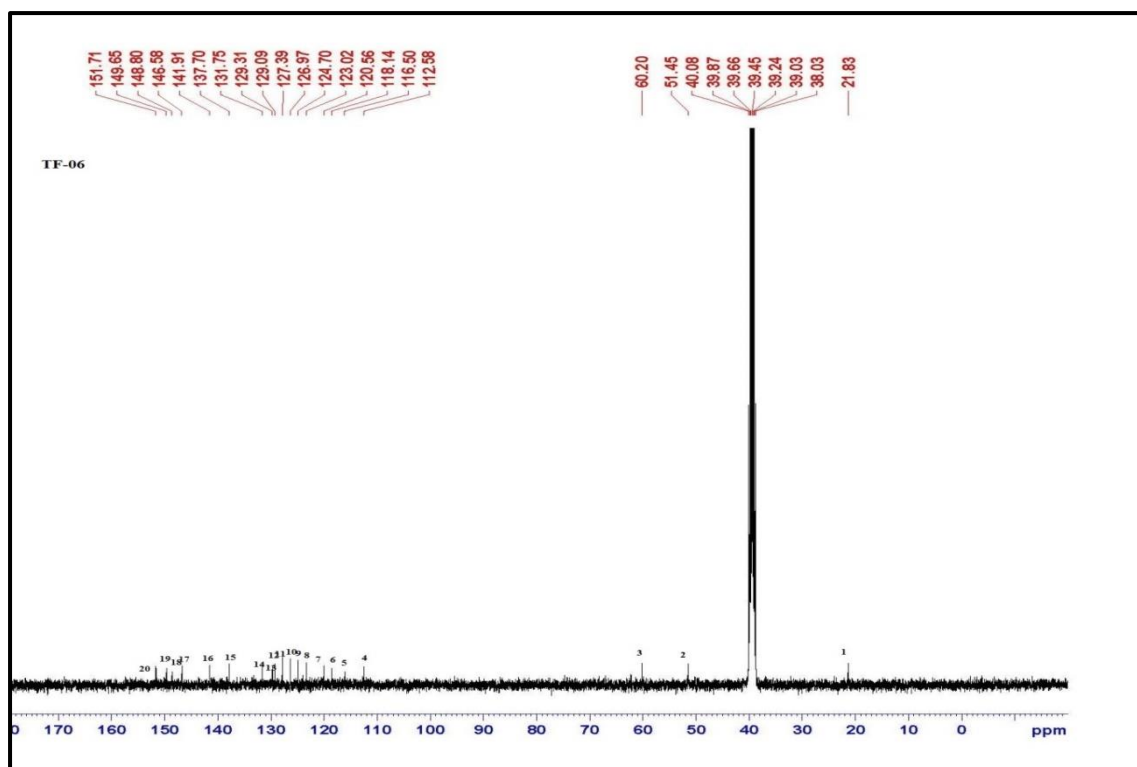
^{13}C -NMR of TF-3 in 101 MHz, DMSO- d_6 :



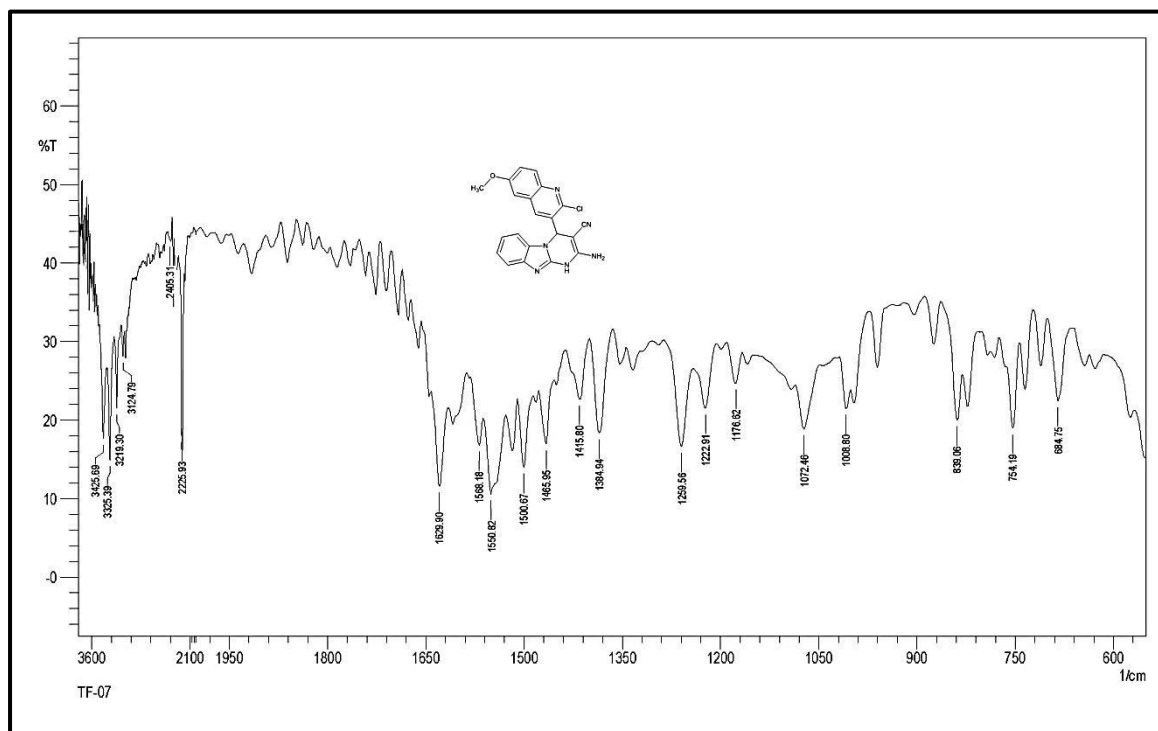
^1H -NMR of TF-6 in 400 MHz, DMSO- d_6 :



¹³C-NMR of TF-6 in 101 MHz, DMSO-d₆:



IR spectrum of compound TF-7:



IR spectrum of compound TF-8:

