

Supporting Information

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A simple, efficient synthesis and molecular docking studies of 2-styrylchromones

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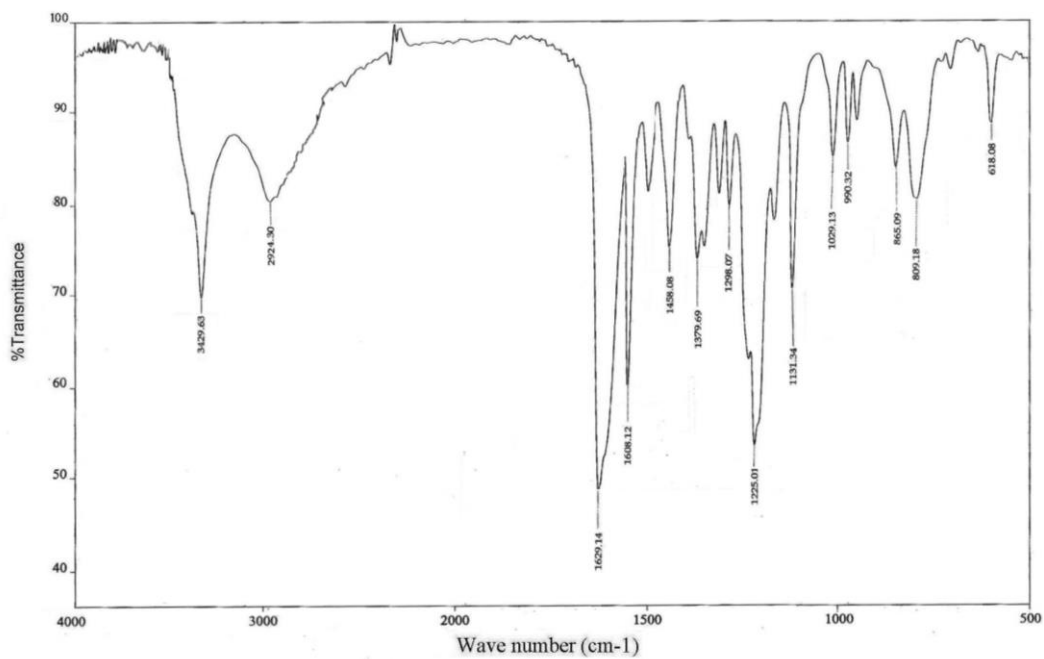


Figure S1: IR Spectrum of 22

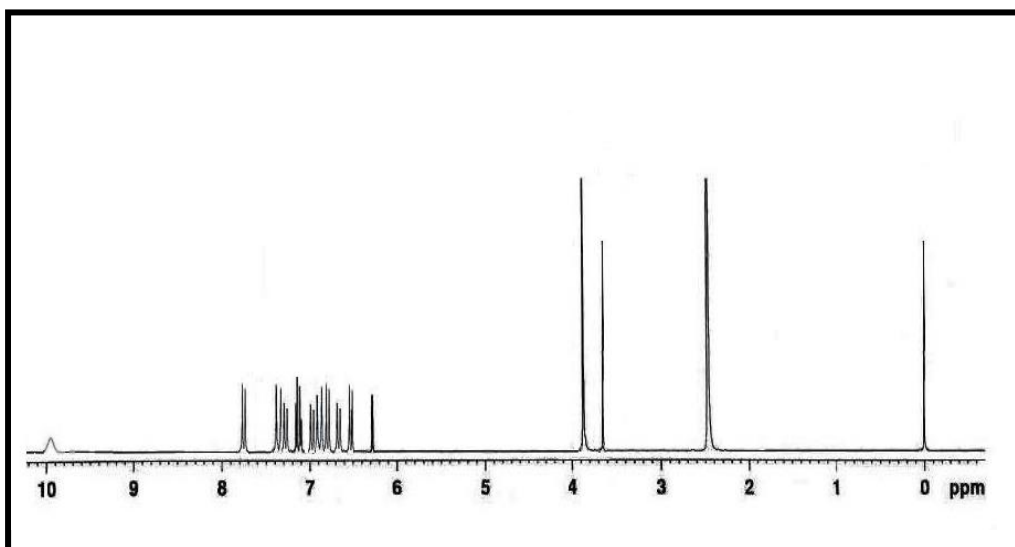


Figure S2: $^1\text{H-NMR}$ (400 MHz, DMSO) Spectrum of 22

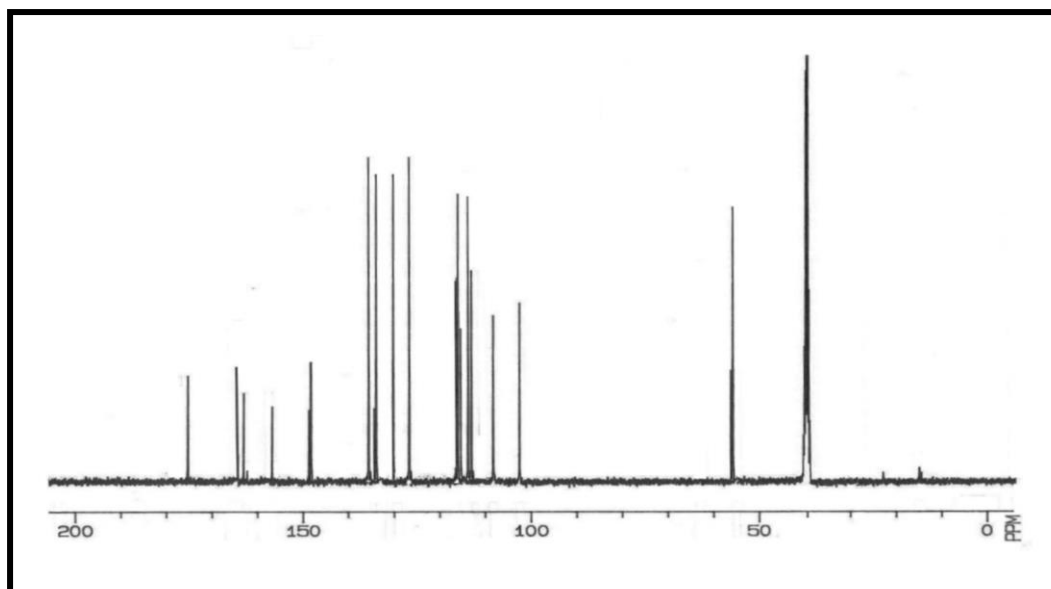


Figure S3: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **22**

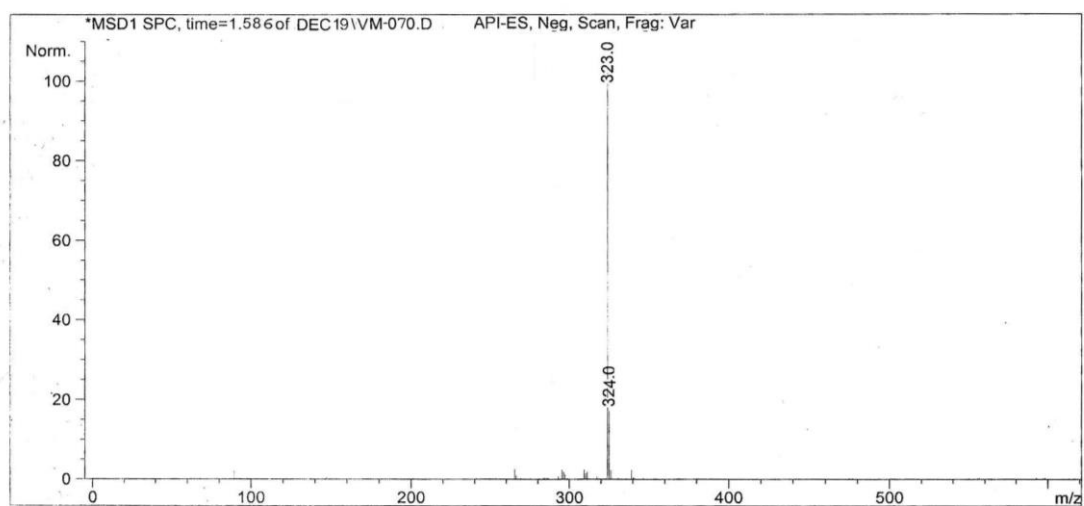


Figure S4: LC Mass Spectrum of **22**

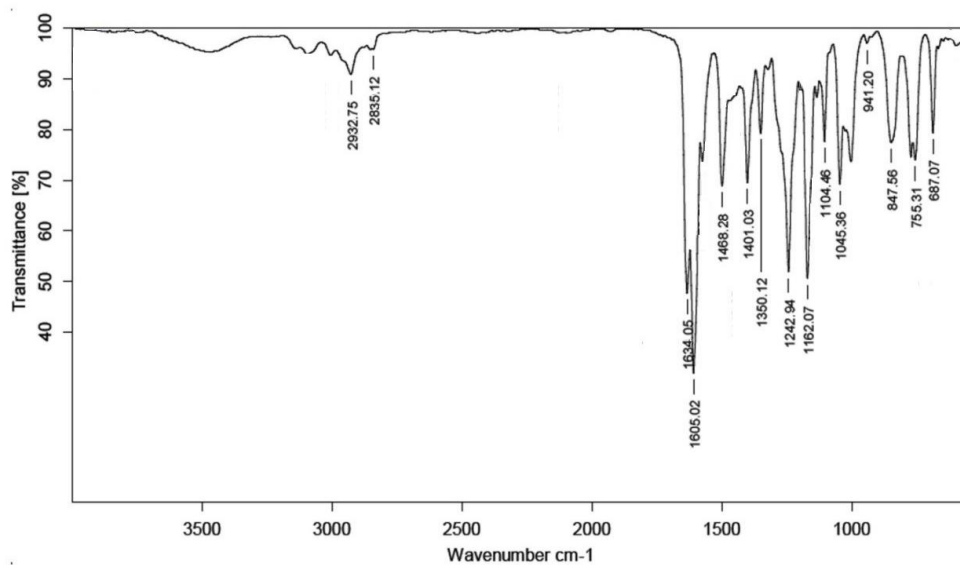


Figure S5: IR Spectrum of **23**

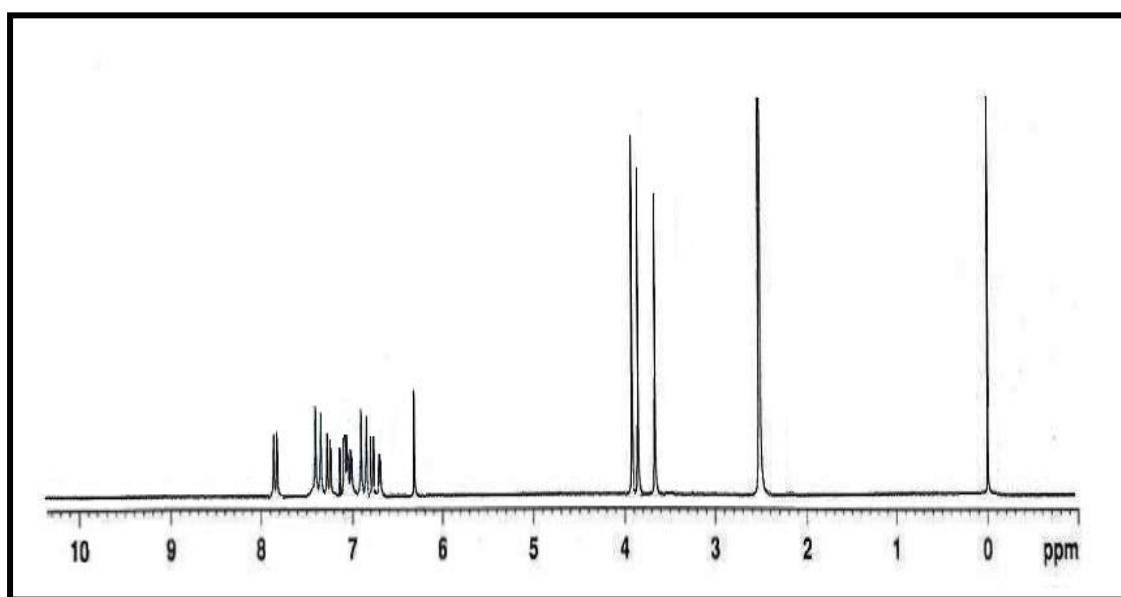


Figure S6: ¹H-NMR (400 MHz, DMSO) Spectrum of **23**

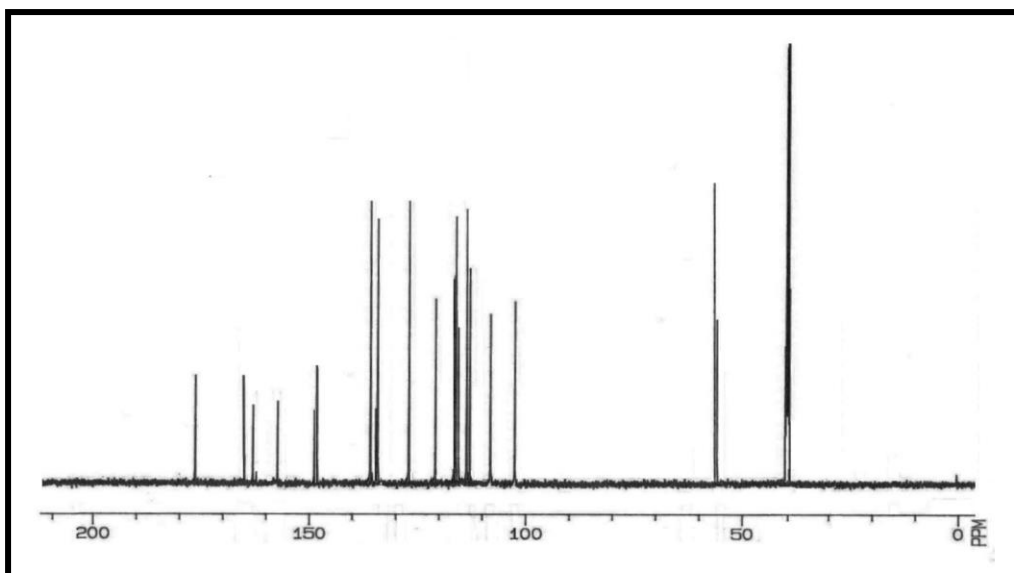


Figure S7: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **23**

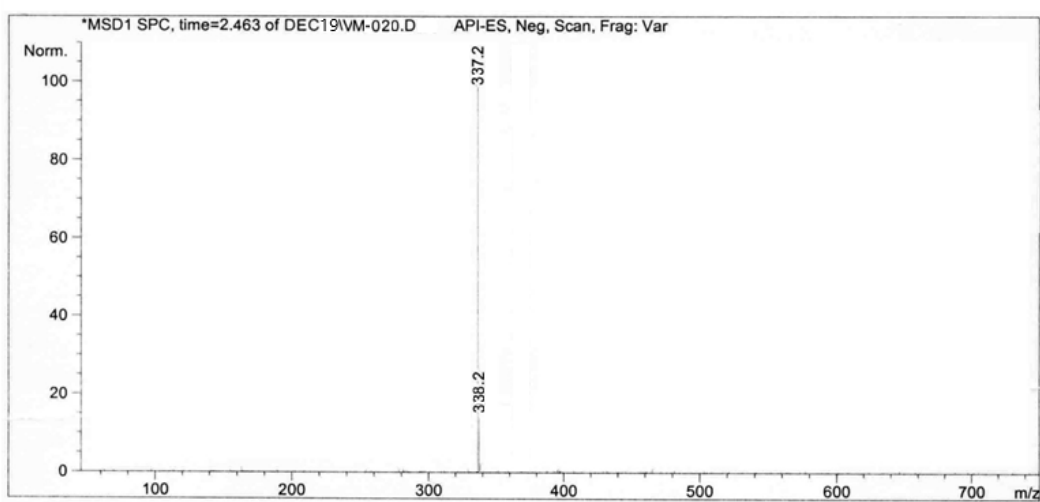


Figure S8: LC Mass Spectrum of **23**

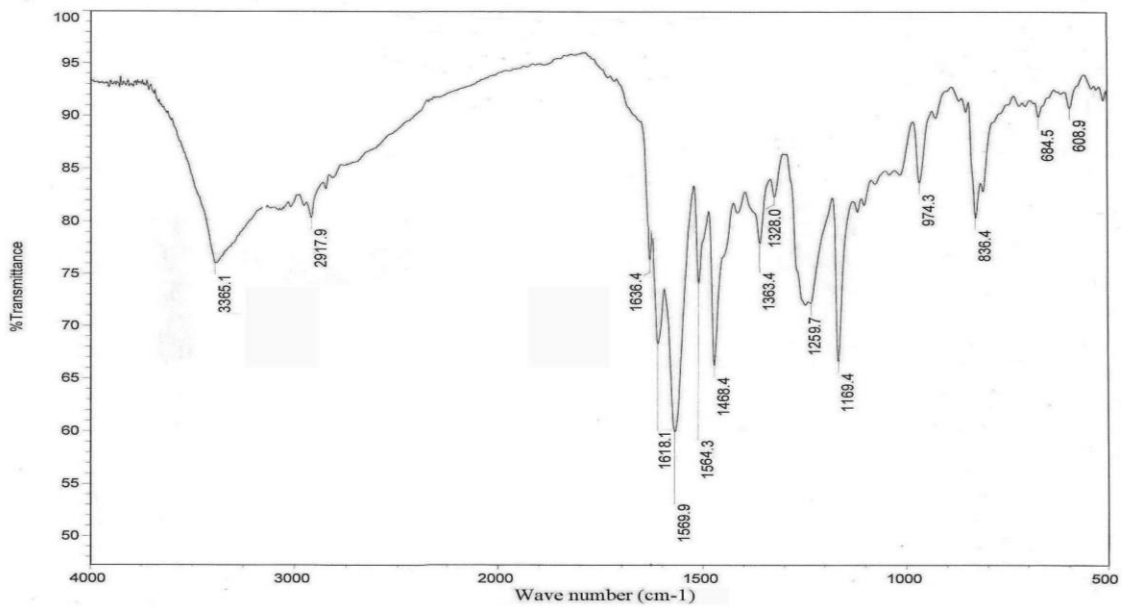


Figure S9: IR Spectrum of **24**

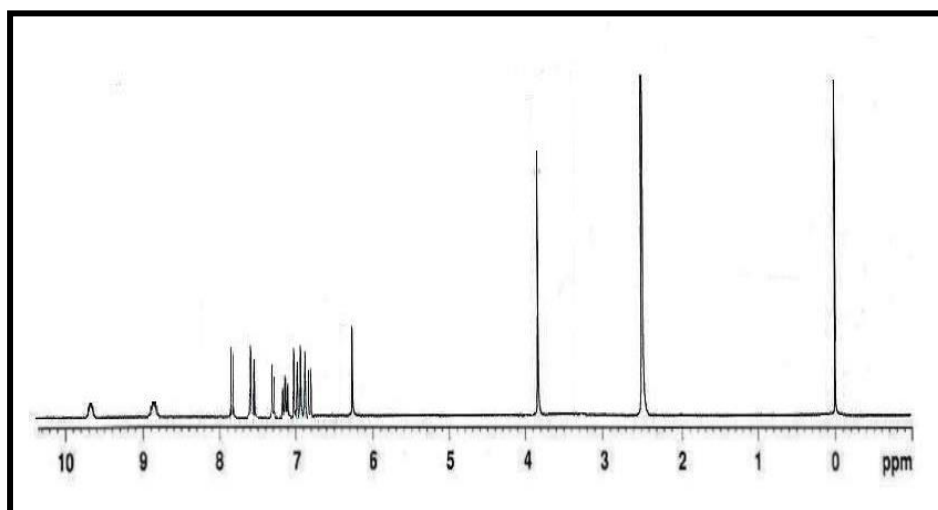


Figure S10: ¹H-NMR (400 MHz, DMSO) Spectrum of **24**

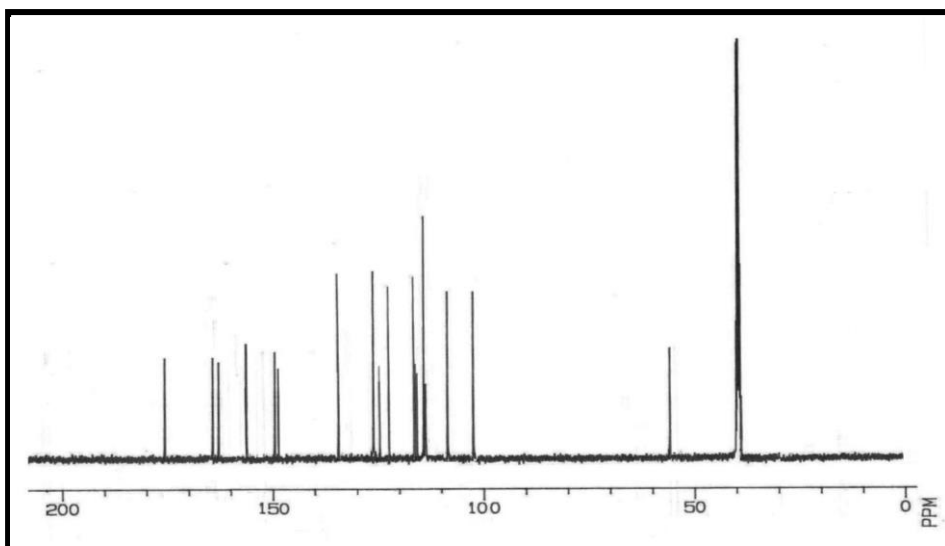


Figure S11: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **24**

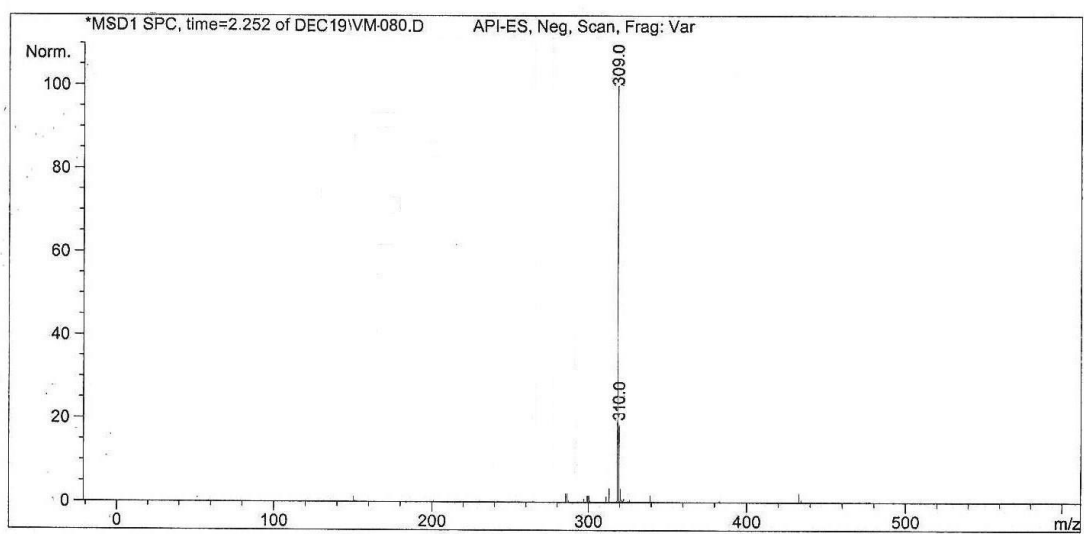


Figure S12: LC Mass Spectrum of **24**

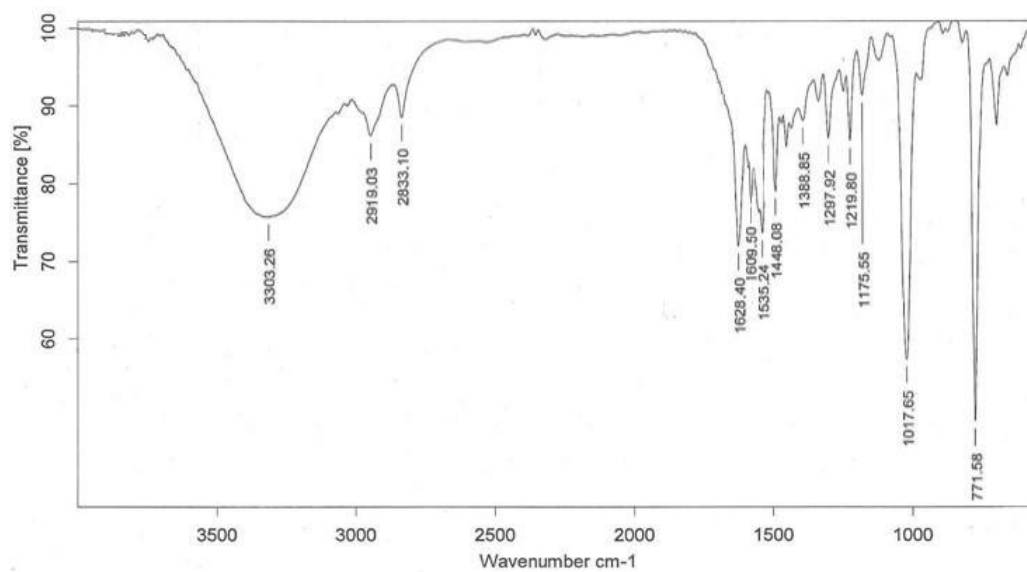


Figure S13: IR Spectrum of **25**

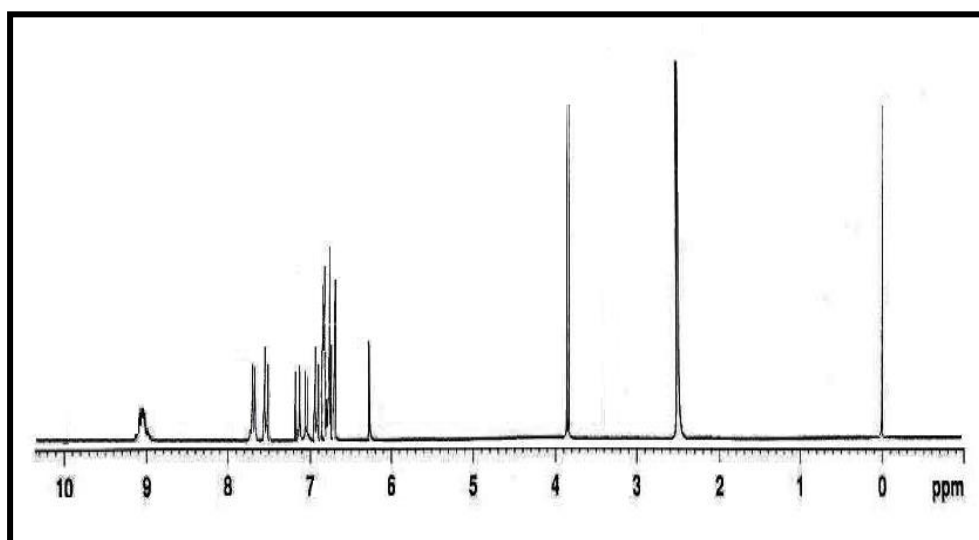


Figure S14: ¹H-NMR (400 MHz, DMSO) Spectrum of **25**

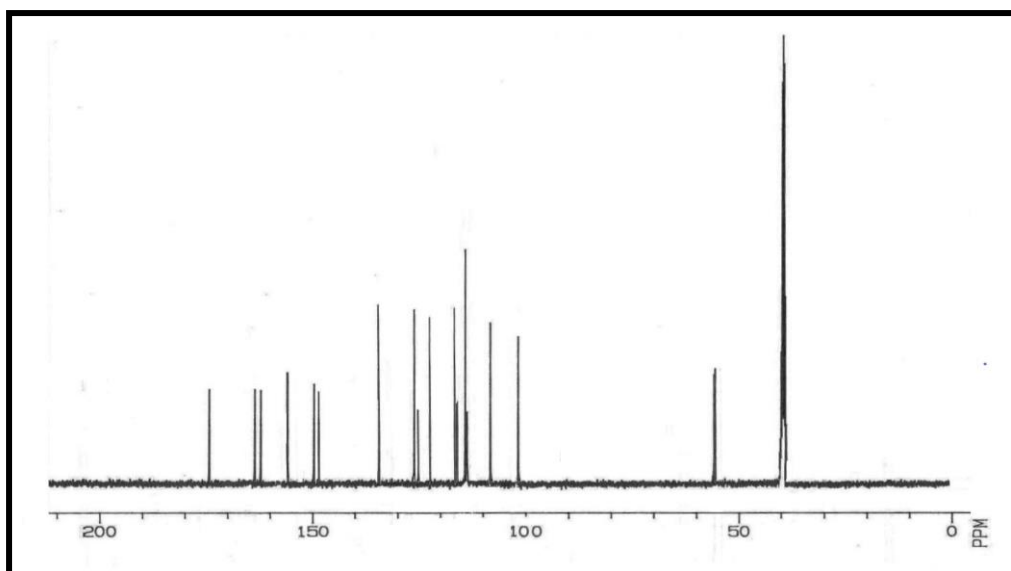


Figure S15: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **25**

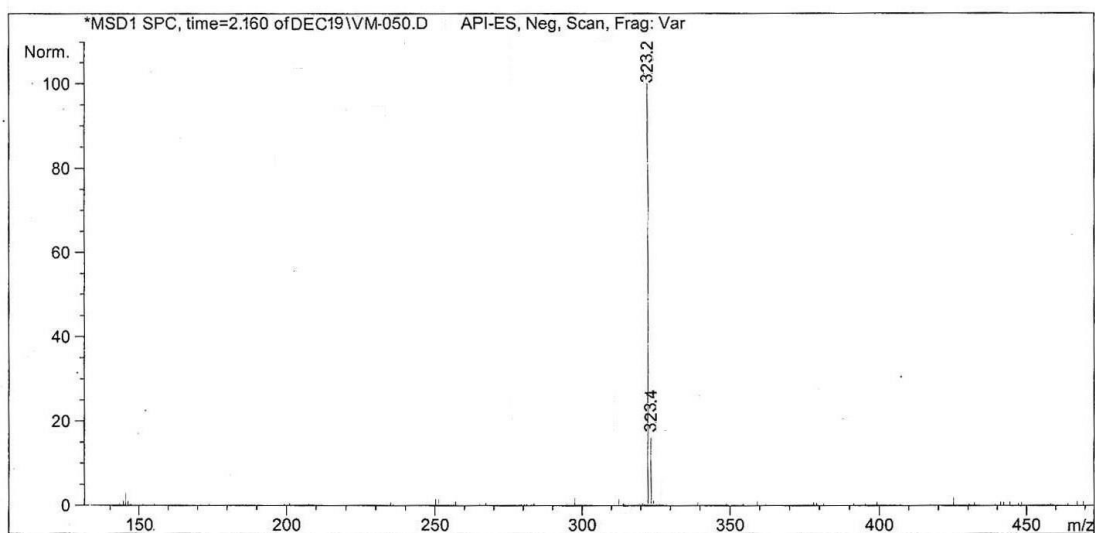


Figure S16: LC Mass Spectrum of **25**

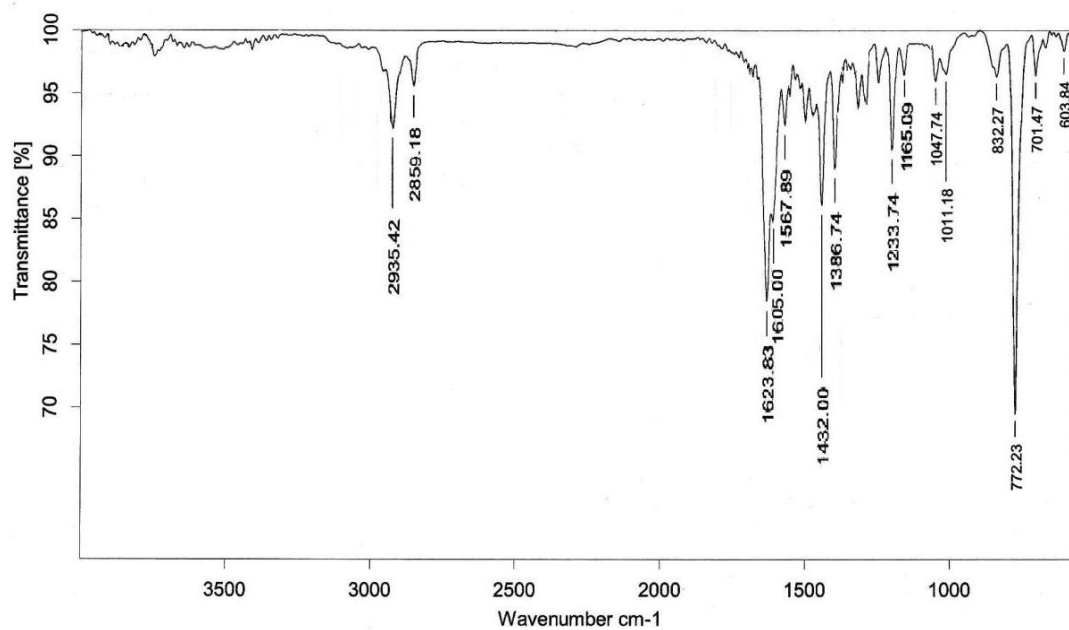


Figure S17: IR Spectrum of 29

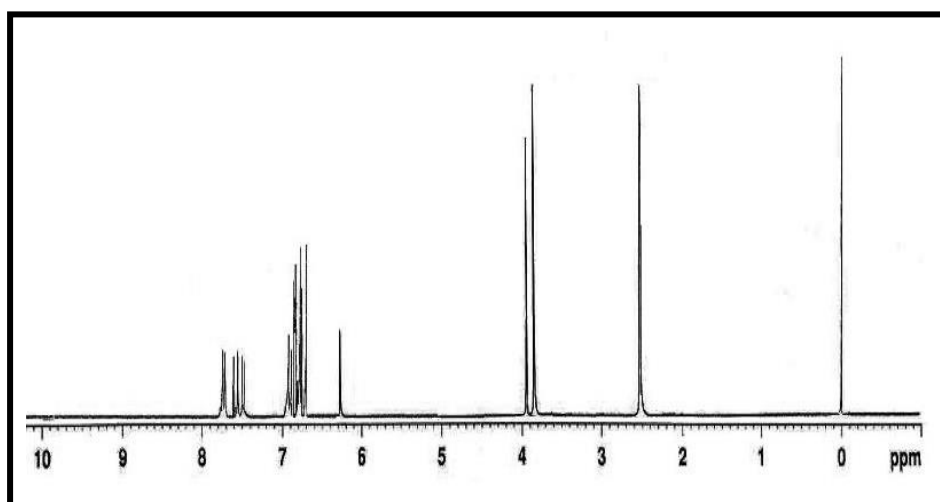


Figure S18: $^1\text{H-NMR}$ (400 MHz, DMSO) Spectrum of 29

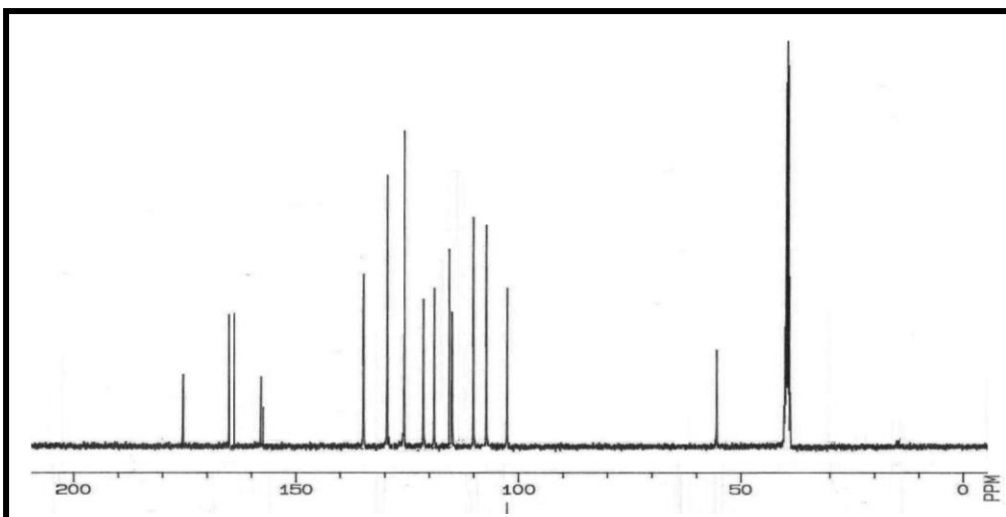


Figure S19: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **29**

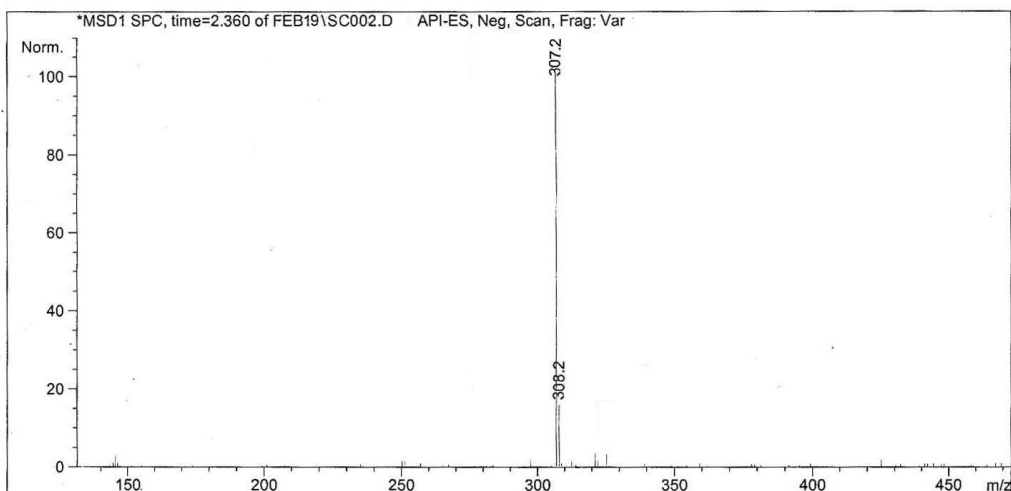


Figure S20: LC Mass Spectrum of **29**

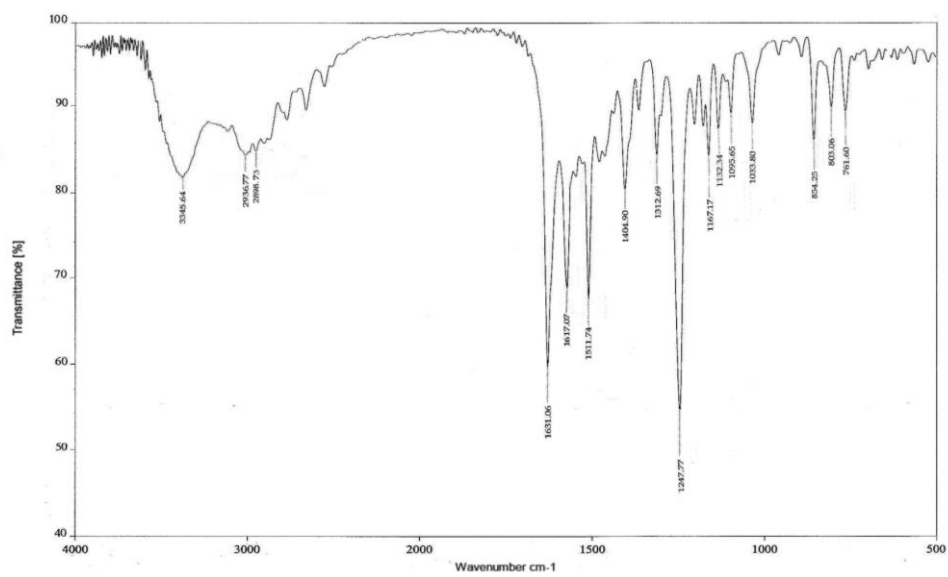


Figure S21: IR Spectrum of **30**

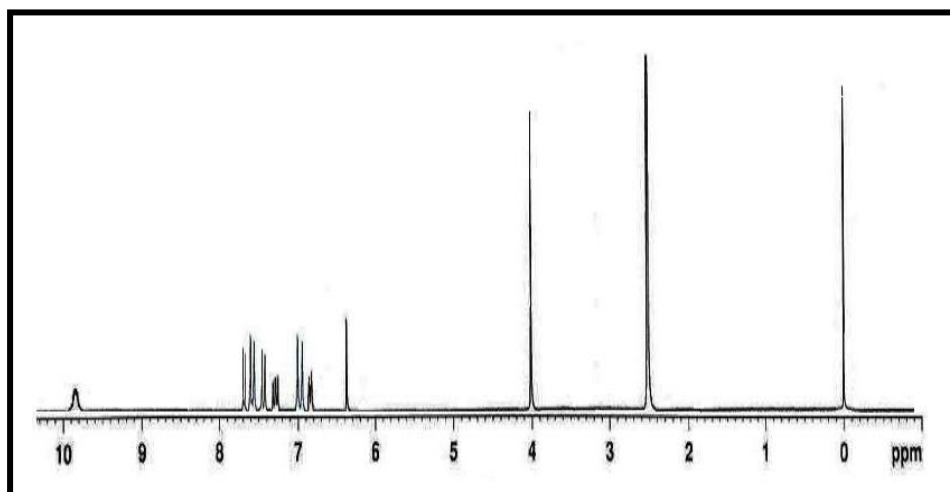


Figure S22: ¹H-NMR (400 MHz, DMSO) Spectrum of **30**

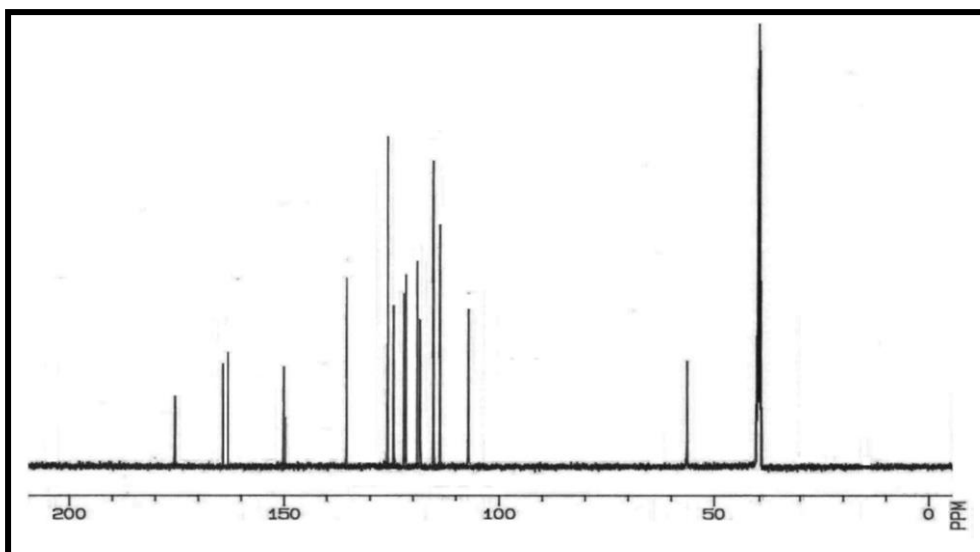


Figure S23: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **30**

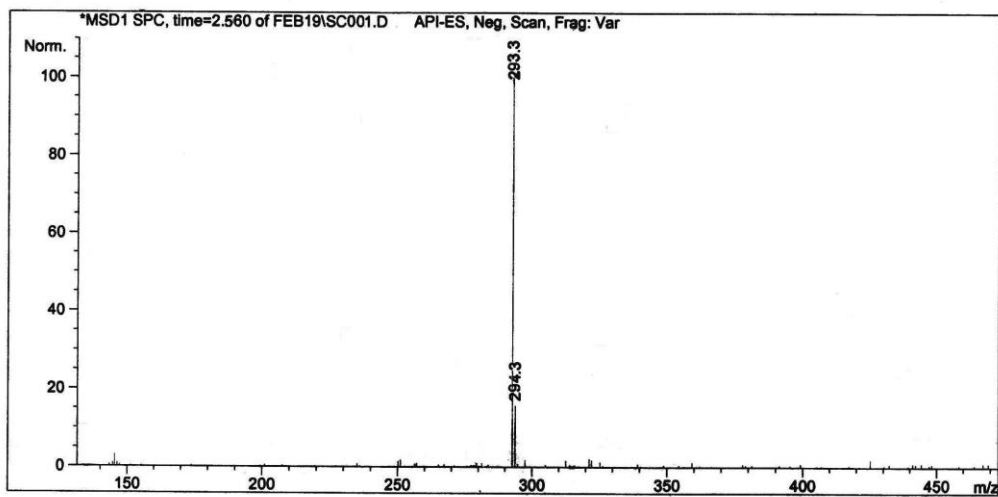


Figure S24: LC Mass Spectrum of **30**

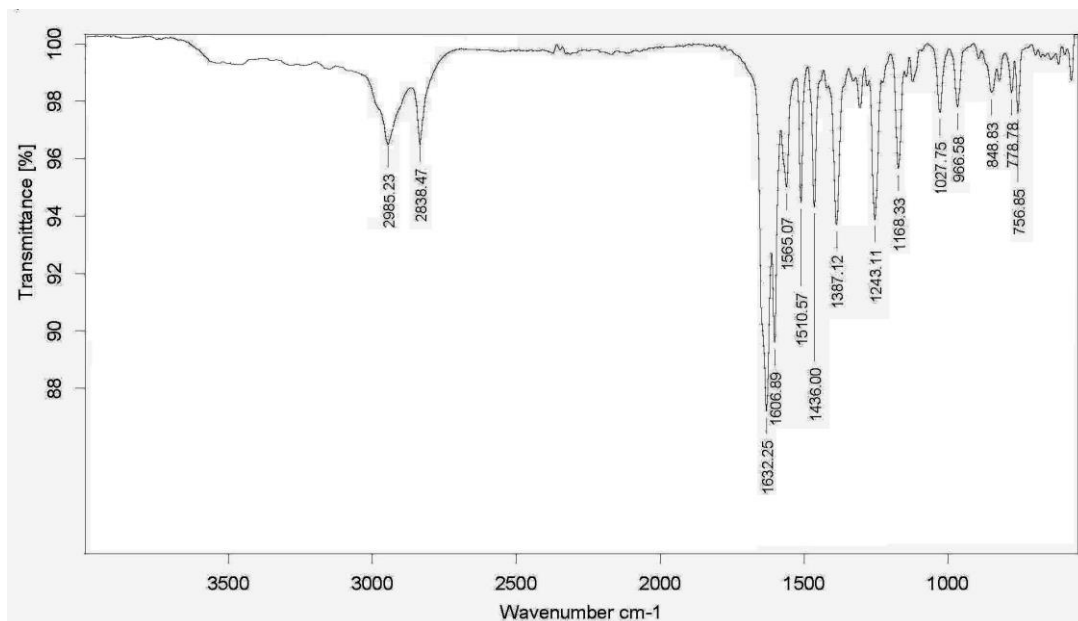


Figure S25: IR Spectrum of **31**

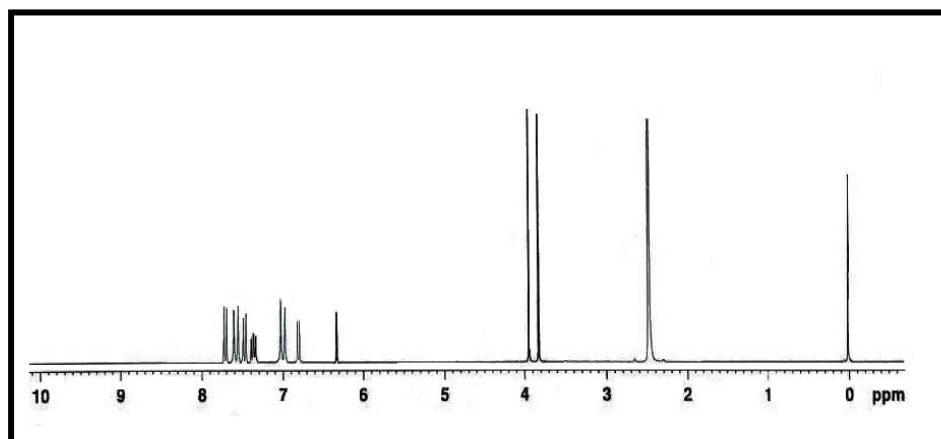


Figure S26: ¹H-NMR (400 MHz, DMSO) Spectrum of **31**

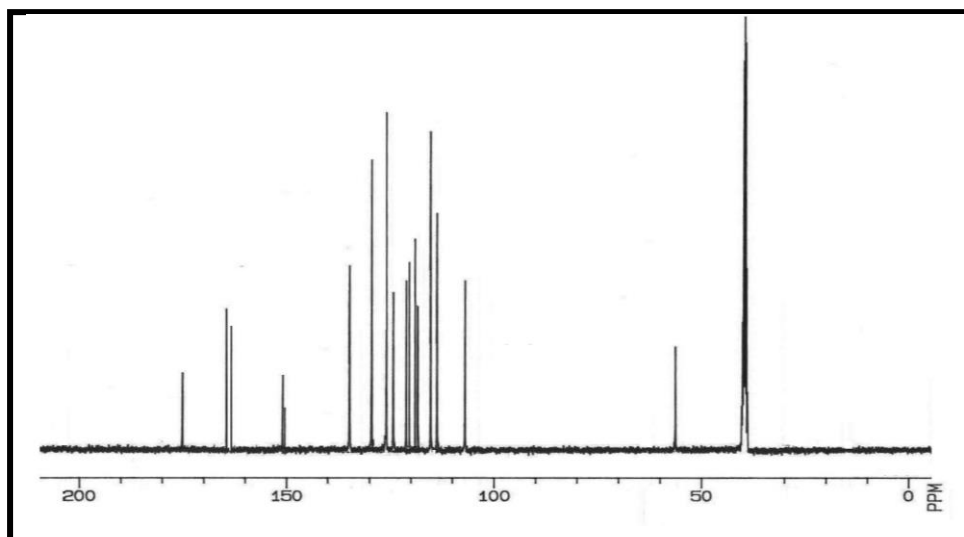


Figure S27: ^{13}C -NMR (100 MHz, DMSO) Spectrum of **31**

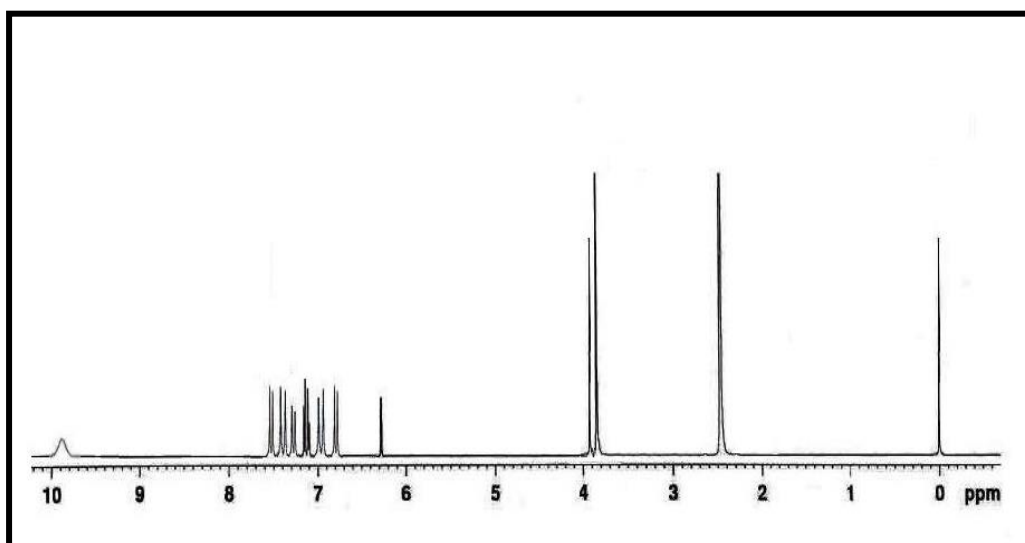


Figure S28: ^1H -NMR (400 MHz, DMSO) Spectrum of **20**

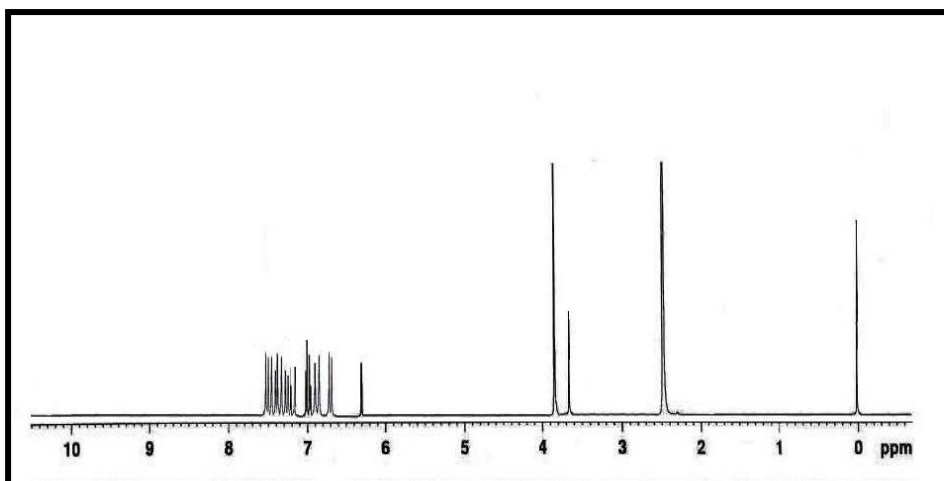


Figure S29: $^1\text{H-NMR}$ (400 MHz, DMSO) Spectrum of **21**

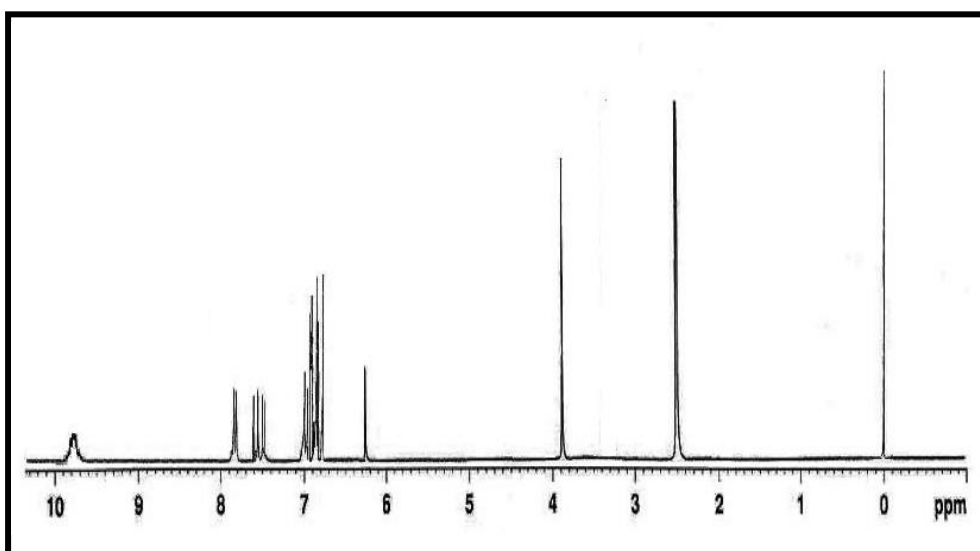


Figure S30: $^1\text{H-NMR}$ (400 MHz, DMSO) Spectrum of **28**