Supporting Information for

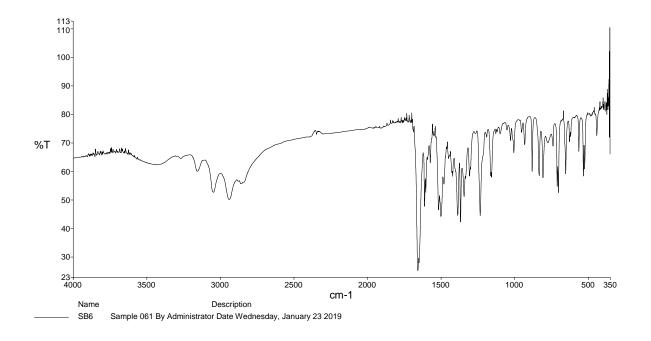
(*E*)-*N*'-(4-Fluorobenzylidene)-5-methyl-2-(pyridin-3-yl)thiazole-4-carbohydrazide

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 $Figure \ S1.\ FTIR\ Spectrum\ of\ (\textit{E})-\textit{N'}-(4-fluor obenzylidene)-5-methyl-2-(pyridin-3-yl) thiazole-4-carbohydrazide$

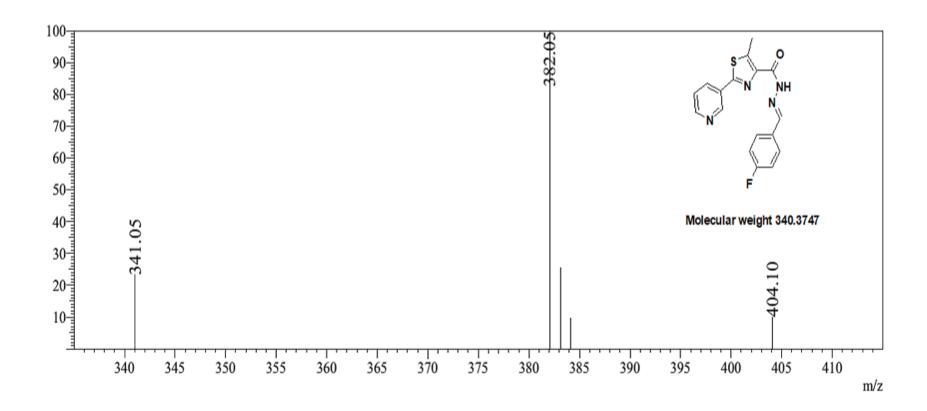


Figure S2. Mass Spectrum of (*E*)-*N*'-(4-fluorobenzylidene)-5-methyl-2-(pyridin-3-yl)thiazole-4-carbohydrazide

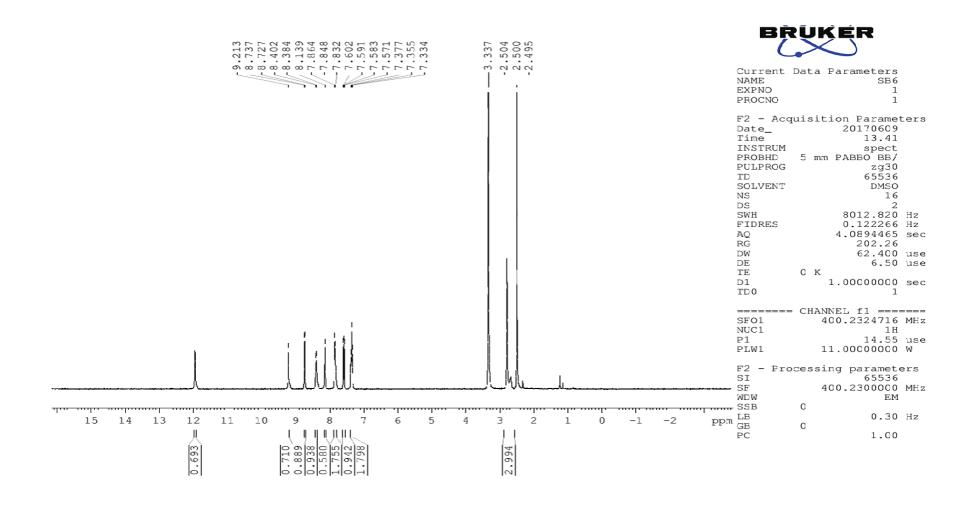
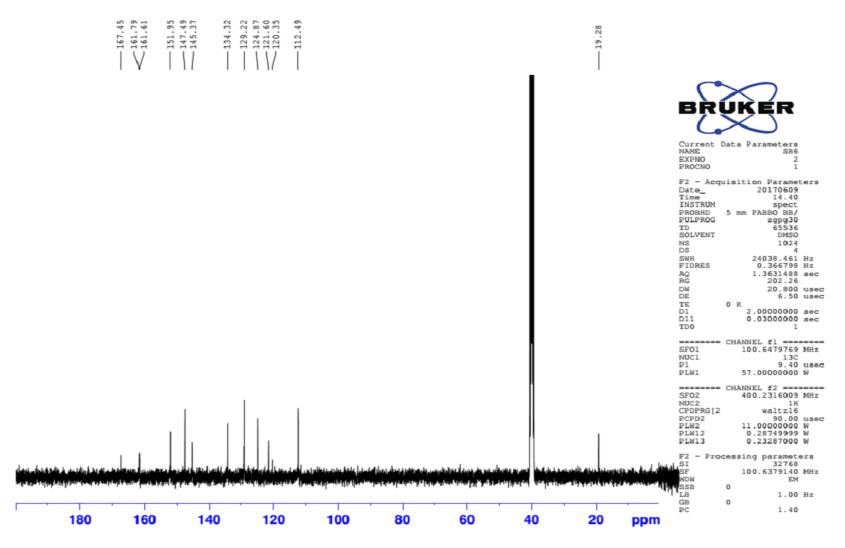


Figure S3. ¹H-NMR Spectrum of (*E*)-*N*'-(4-fluorobenzylidene)-5-methyl-2-(pyridin-3-yl)thiazole-4-carbohydrazide



 $Figure S4. \ ^{13}C-NMR \ Spectrum \ of \ (E)-N'-(4-fluor obenzylidene)-5-methyl-2-(pyridin-3-yl) thiazole-4-carbohydrazidene) (E)-N'-(4-fluor obenzylidene) (E)-N'-(4-fluor$

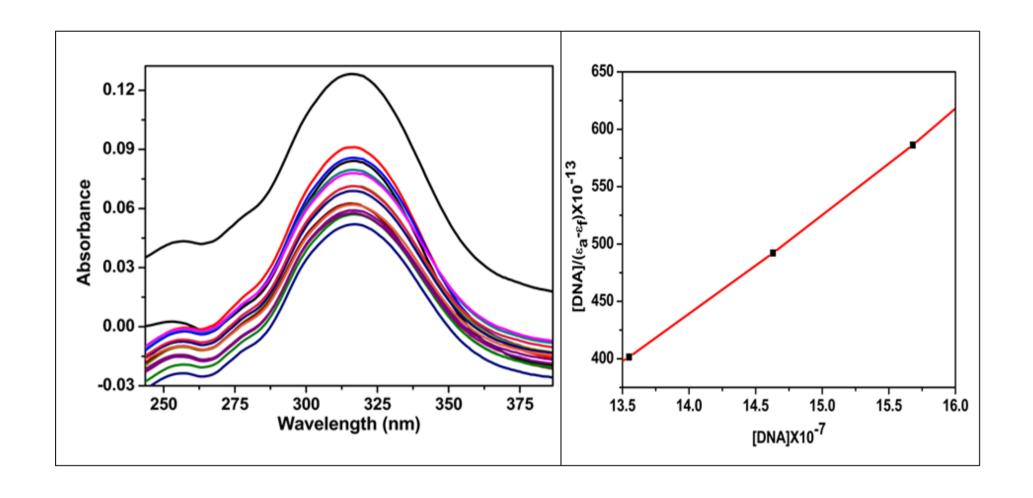


Figure S5: Absorption spectra of compound 2 in the absence [Top curve in each] and presence [subsequent curve] of increasing concentration of CT-DNA.