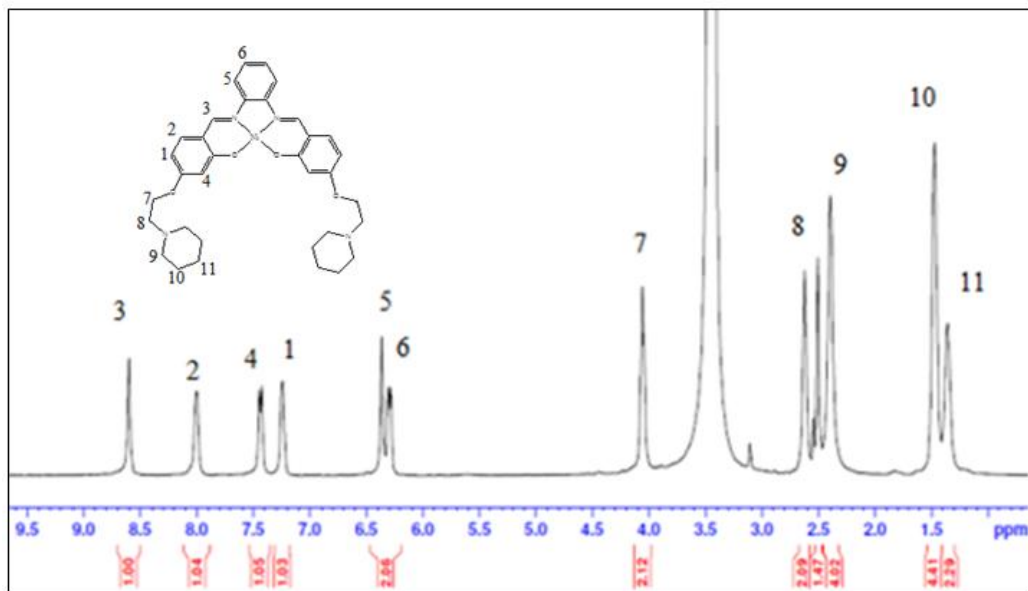


Supplementary Material

a)



b)

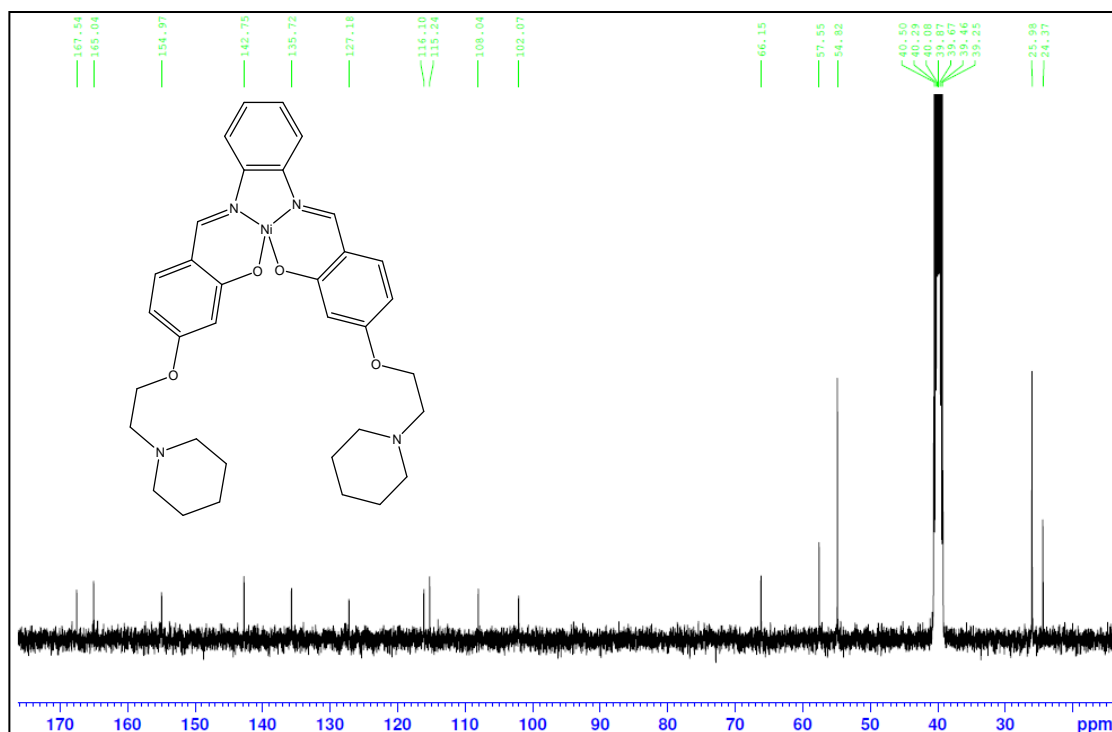


Figure S1. ¹H NMR spectrum (a) and ¹³C NMR spectrum (b) of the ethyl piperidine substituted nickel(II) salen complex in DMSO-*d*₆.

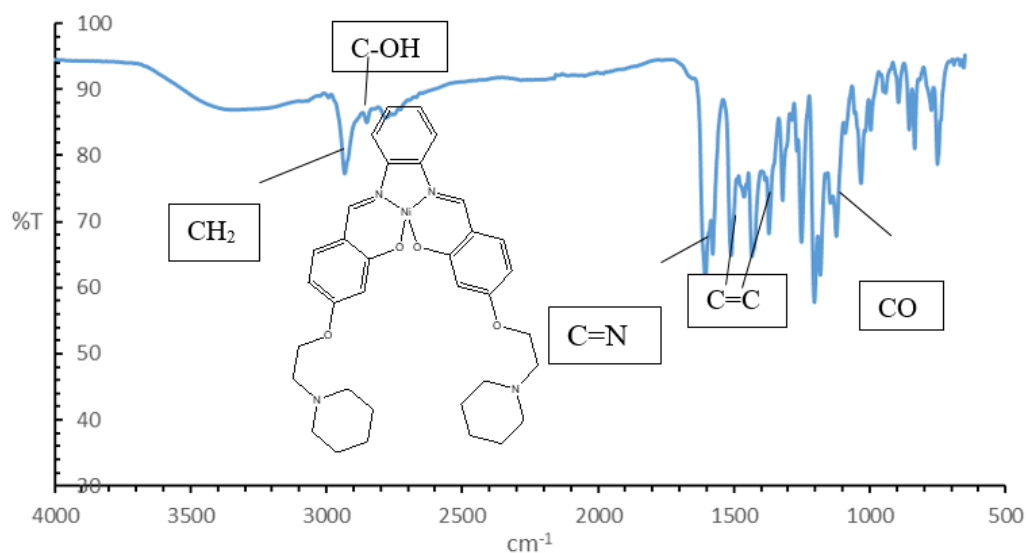


Figure S2. Infra-red spectrum of the as-synthesized nickel(II) salphen complex with piperidine side chain.

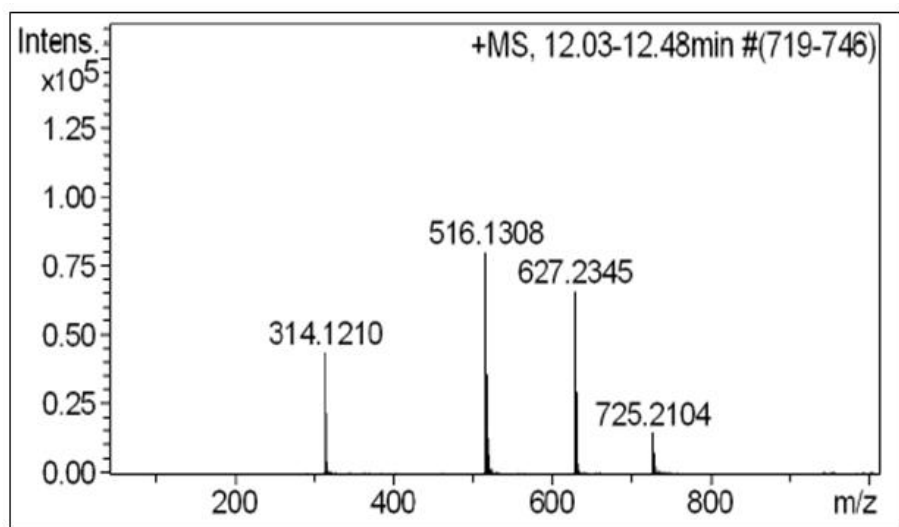


Figure S3. Mass spectrum for the nickel(II) salphen complex with piperidine side chain.

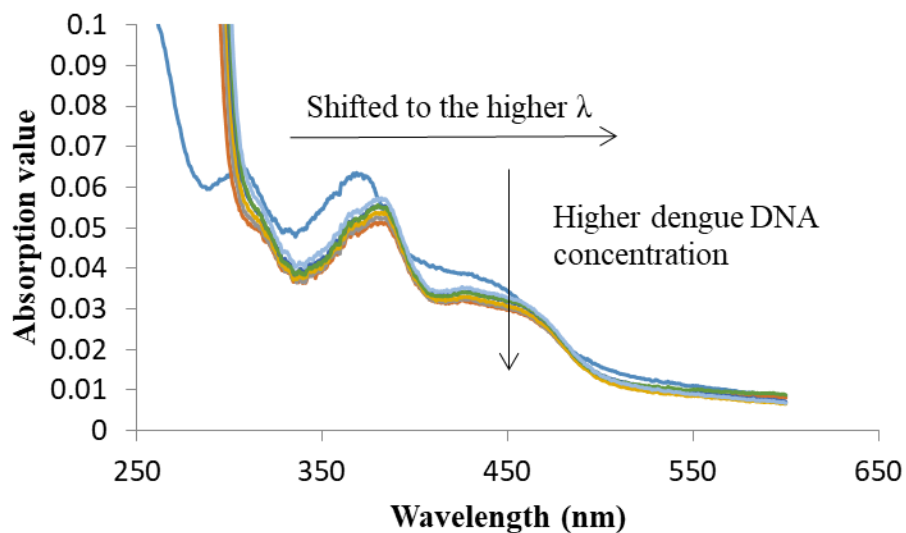


Figure S4. UV-Vis spectra for the titration of ethyl piperidine substituted nickel(II) salphen (30 μM) complex binding to dsDNA using cDNA concentration from $6 \times 10^{-6} \text{ M}$ – $1.8 \times 10^{-5} \text{ M}$.

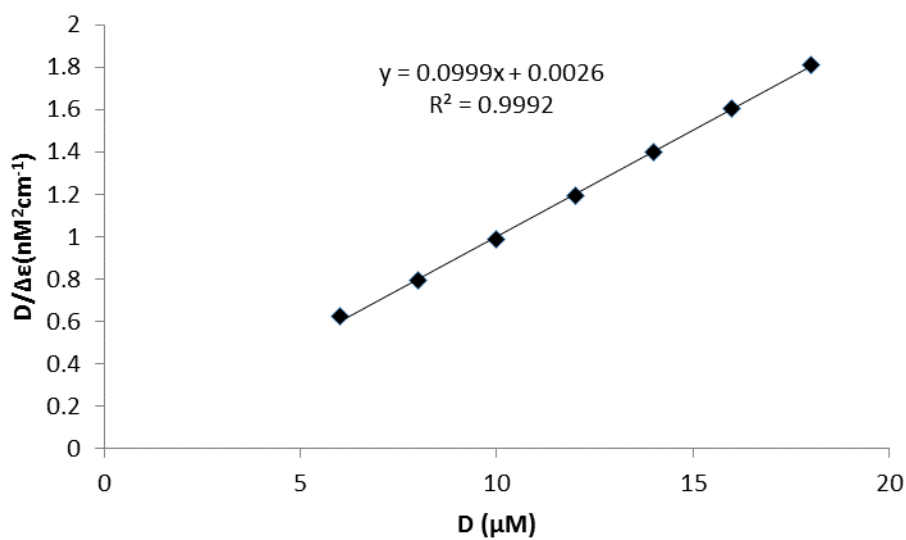


Figure S5. The Scatchard plot linear binding.