

Novel symmetrical mononuclear zinc complex: synthesis, crystal structure, Hirshfeld surface analysis, DFT calculations, and application for supercapacitor electrode.

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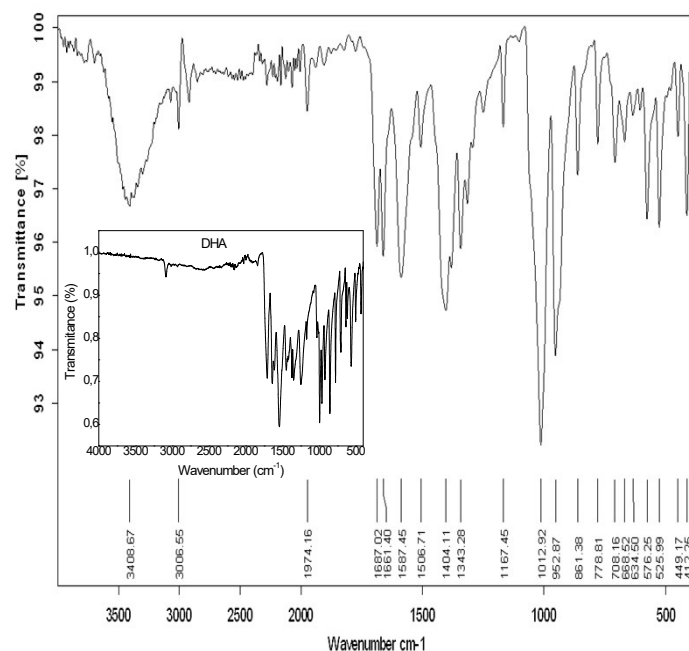


Fig S1. ATR spectra of Zn(DHA)₂(DMSO)₂ complex and DHA.

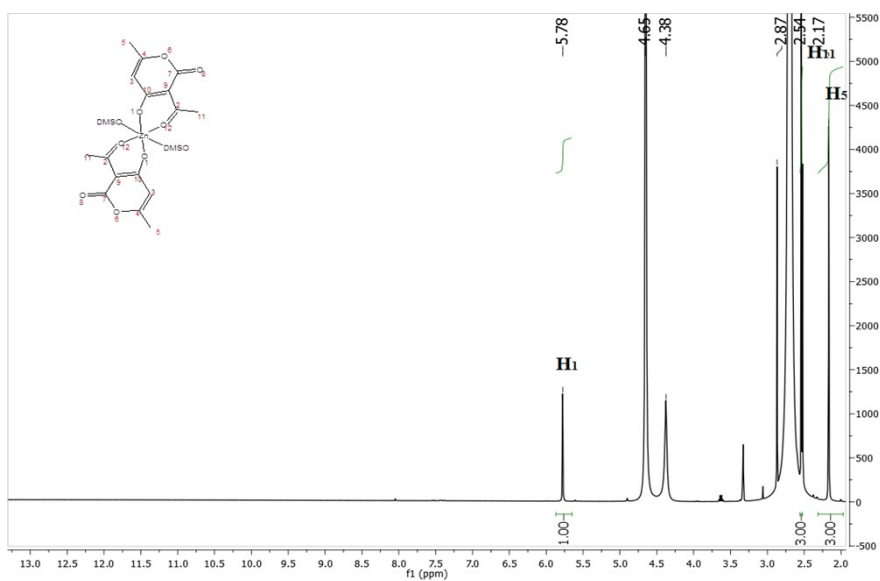


Fig S2. ^1H NMR spectrum of $\text{Zn}(\text{DHA})_2(\text{DMSO})_2$ complex.

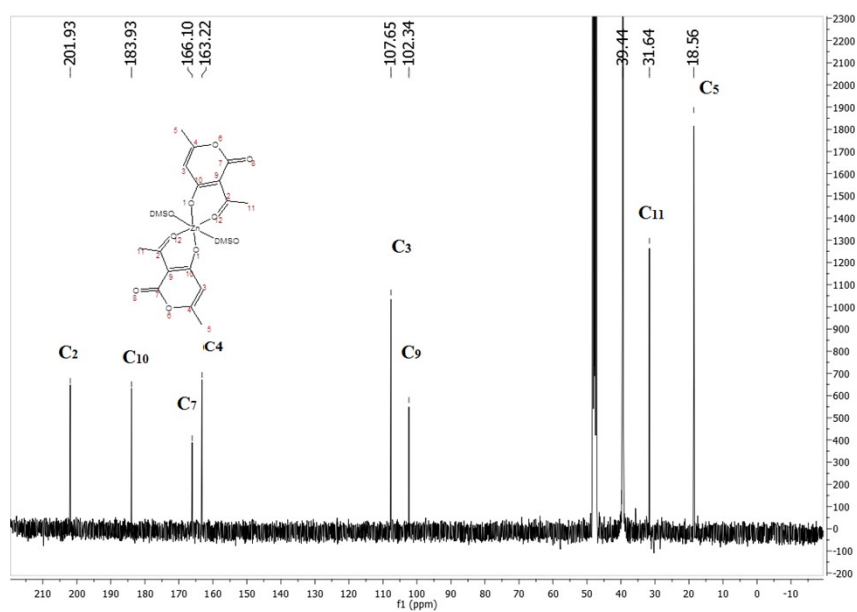


Fig S3. ^{13}C NMR spectrum of $\text{Zn}(\text{DHA})_2(\text{DMSO})_2$ complex.

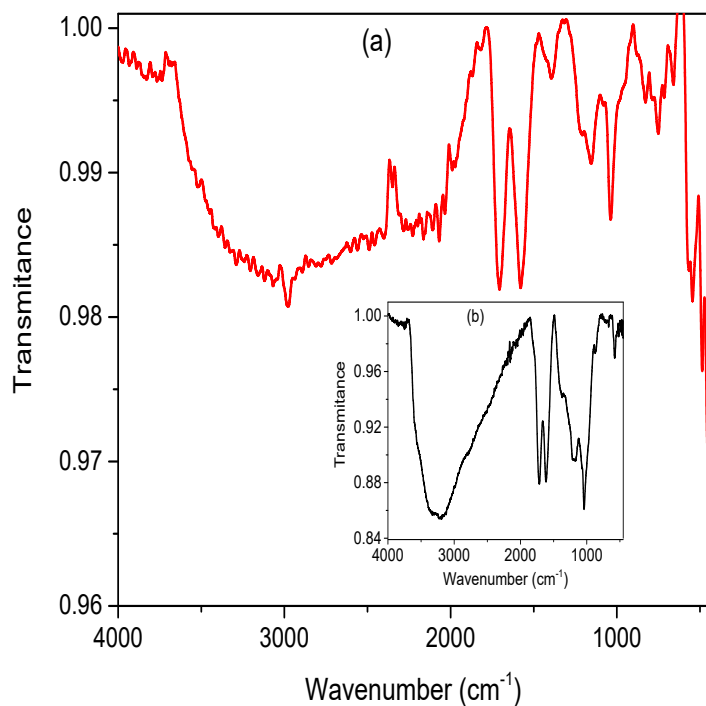


Fig S4. ATR spectra of (a) $\text{Zn(DHA)}_2(\text{DMSO})_2/\text{GO}$ and (b) GO material.

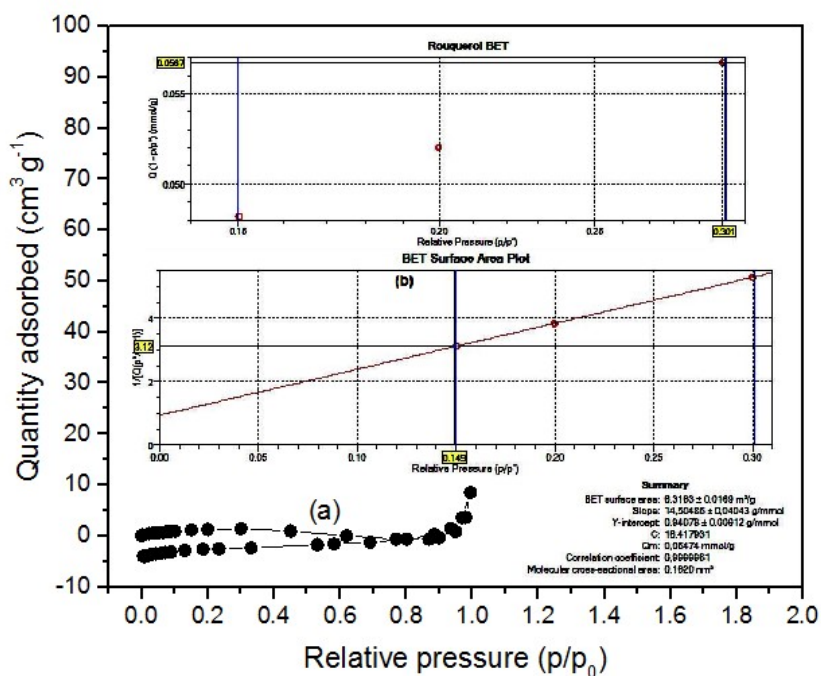


Fig S5. BET analysis of $\text{Zn(DHA)}_2(\text{DMSO})_2/\text{GO}$ material: (a) Nitrogen sorption isotherms and (b) BET surface area Plot.