

Supporting information file

Chemical CO₂ fixation by a heterogenised Zn(II)-hydrazone complex

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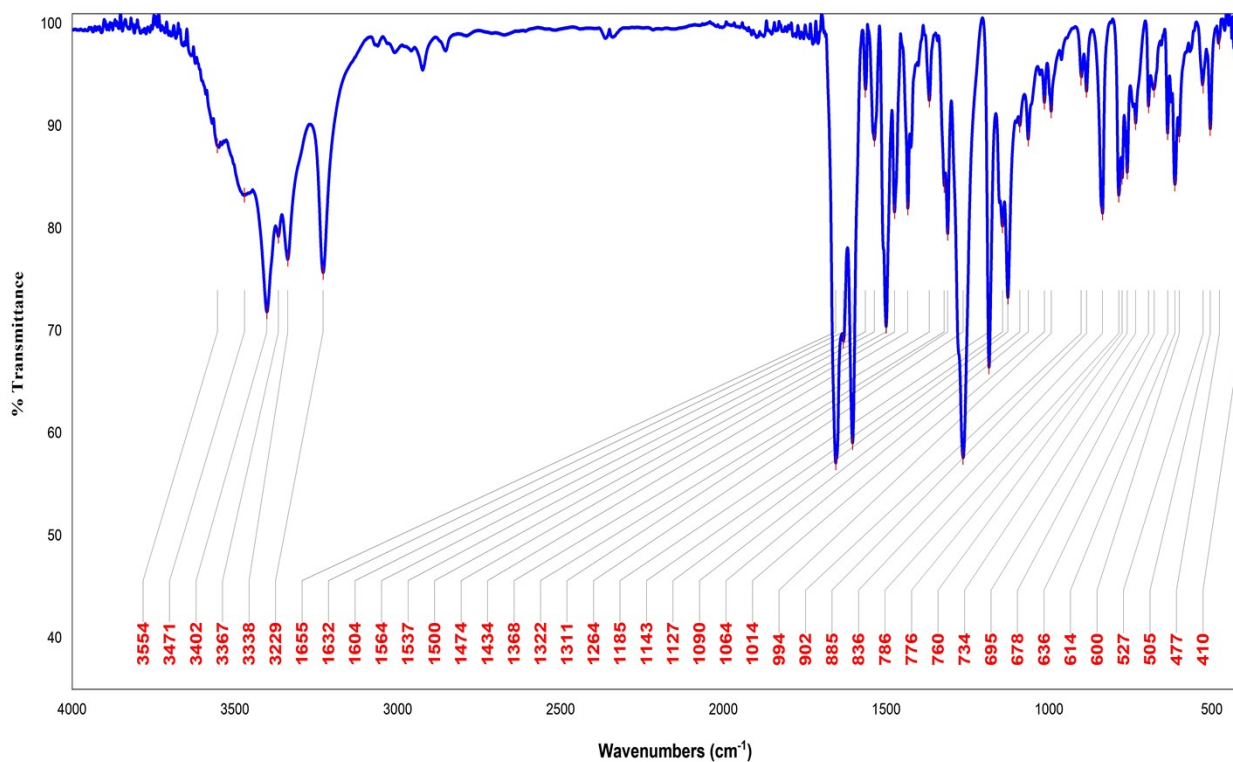


Fig. S1. FT-IR spectrum of HL

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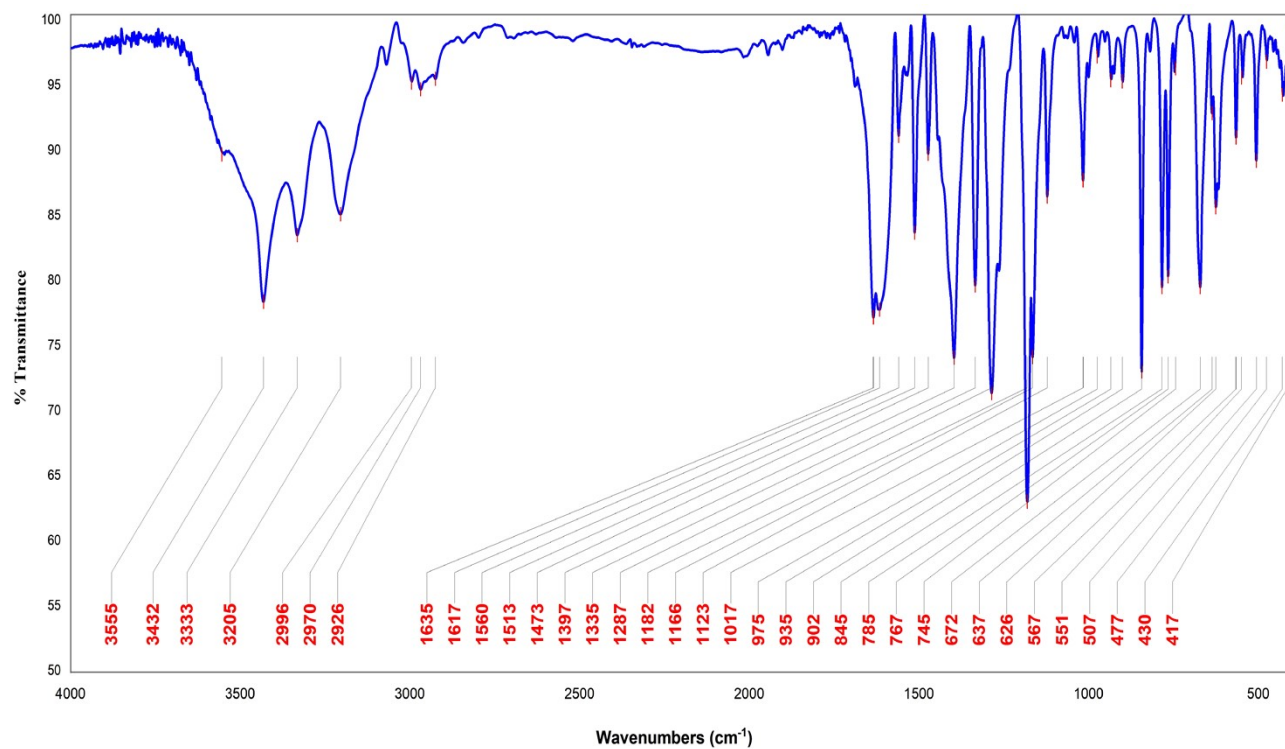


Fig. S2. FT-IR spectrum of $[\text{Zn}(\text{HL})(\text{OAc})_2]$

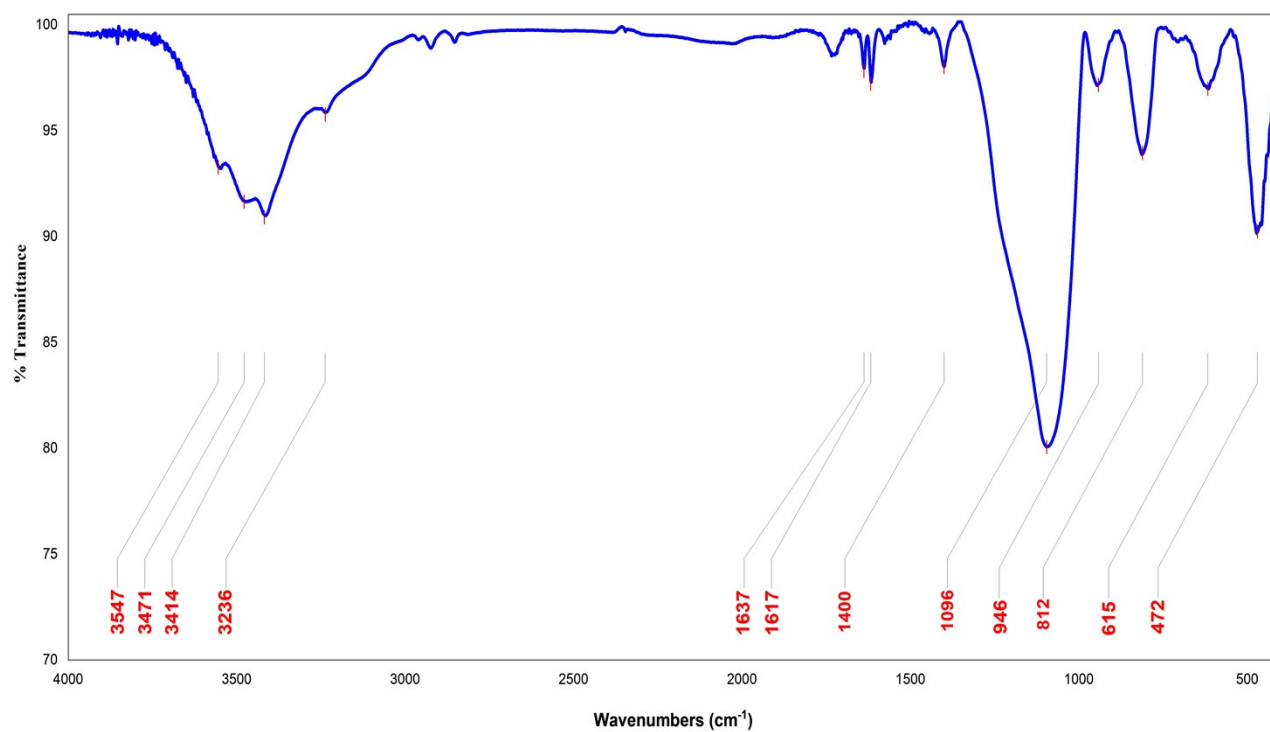


Fig. S3. FT-IR spectrum of propionylchloride-functionalized silica gel

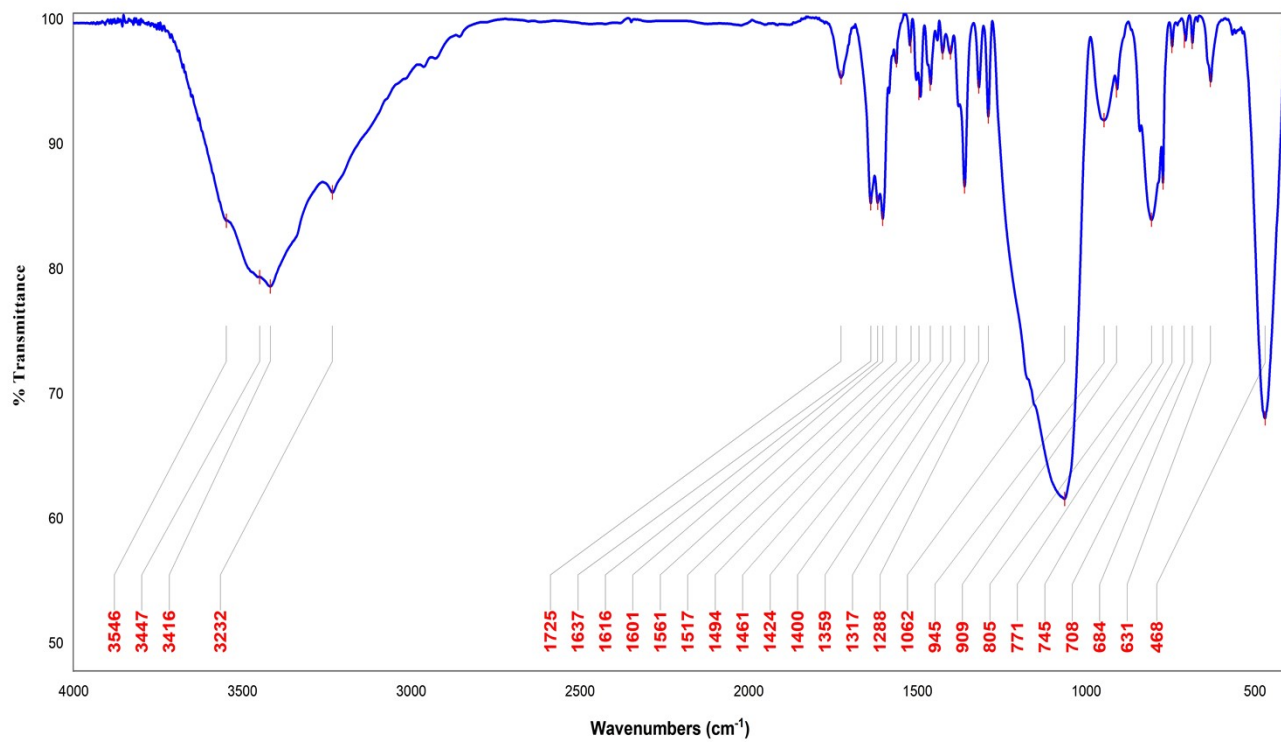


Fig. S4. FT-IR spectrum of Si-[Zn(HL)(OAc)₂]

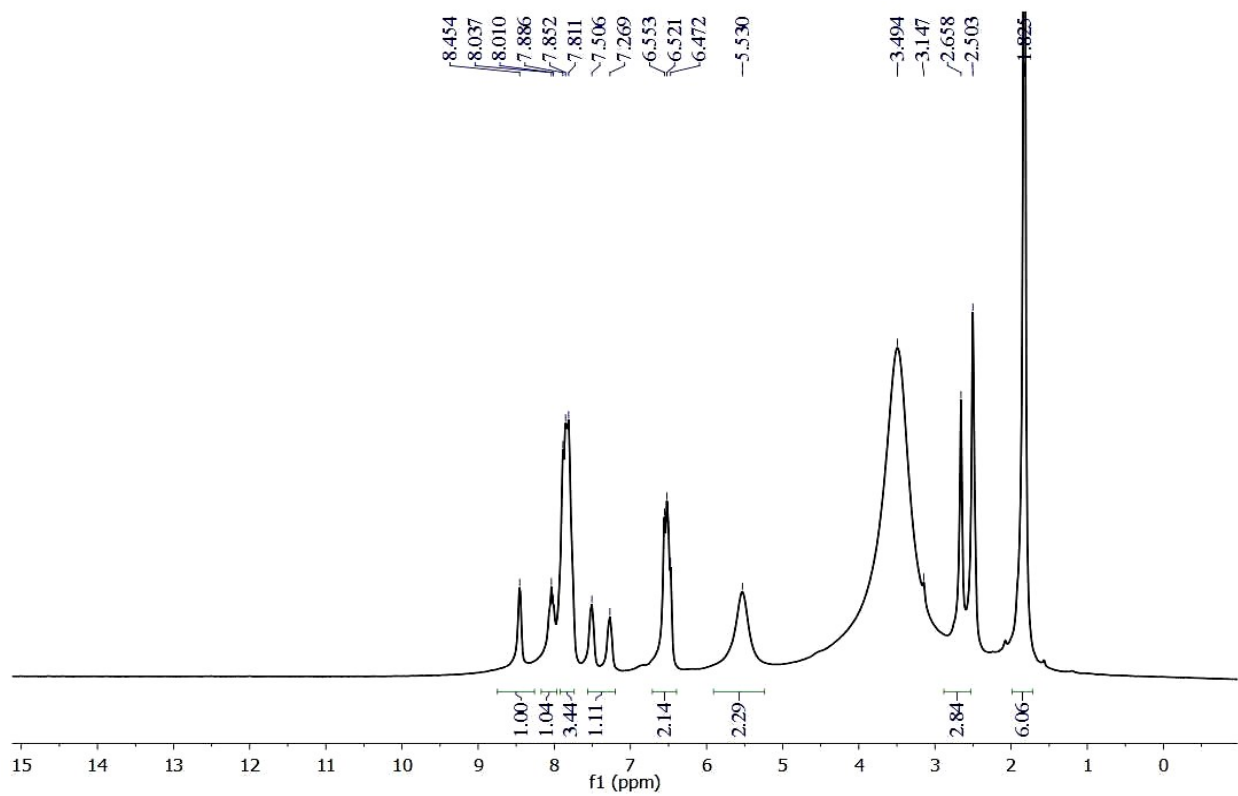


Fig. S5. ¹H NMR spectrum of [Zn(HL)(OAc)₂] in DMSO-d₆

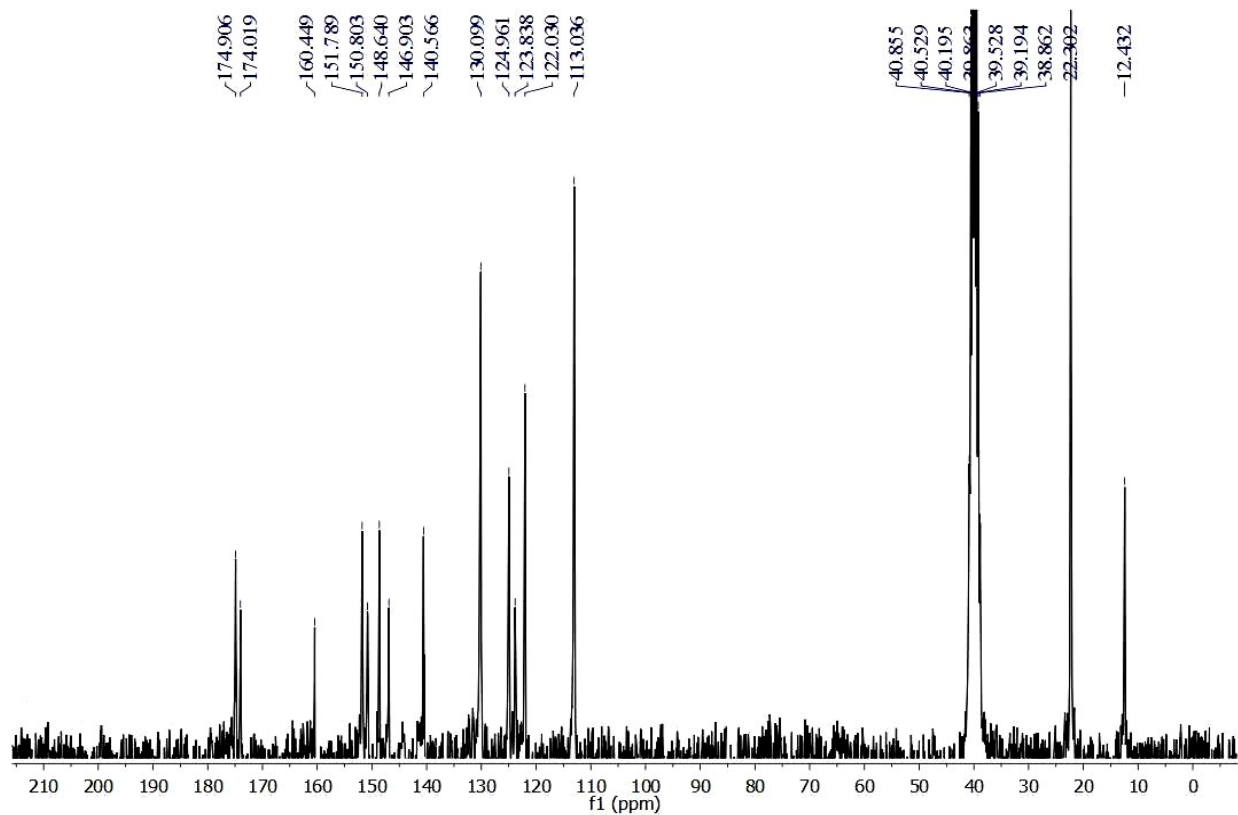


Fig. S6. ^{13}C NMR spectrum of $[\text{Zn}(\text{HL})(\text{OAc})_2]$ in DMSO-d_6

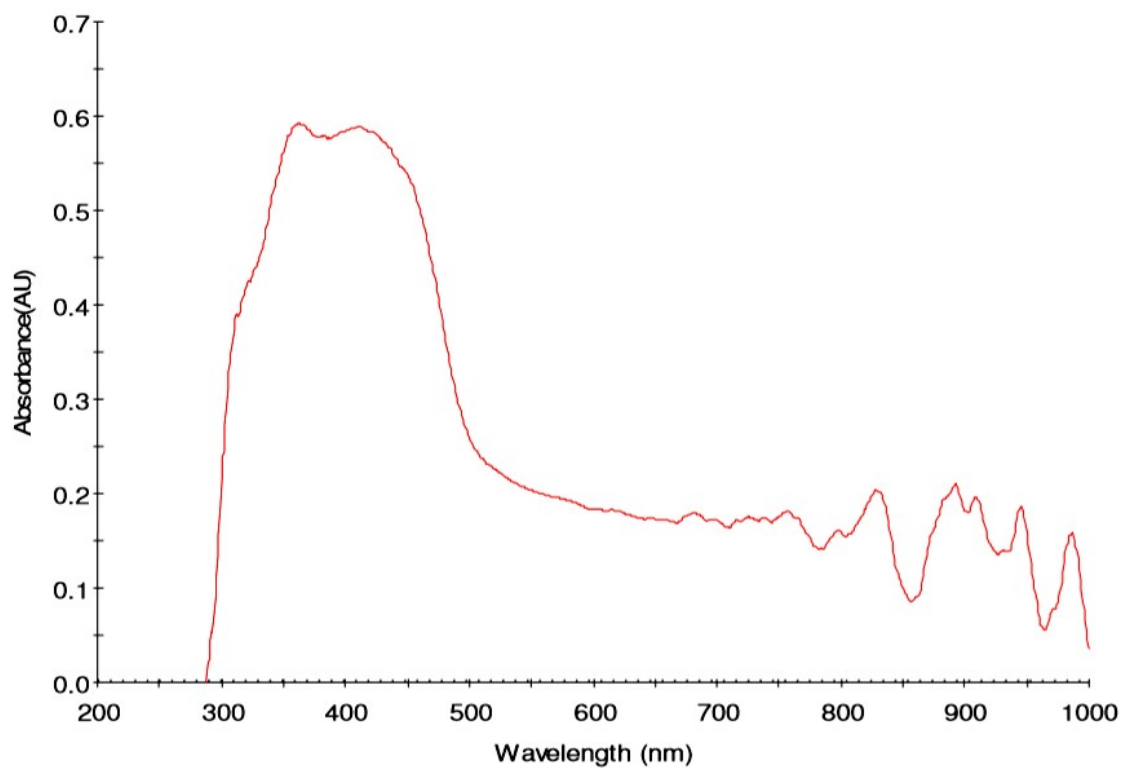


Fig. S7. UV-DRS spectrum of $\text{Si-}[\text{Zn}(\text{HL})(\text{OAc})_2]$

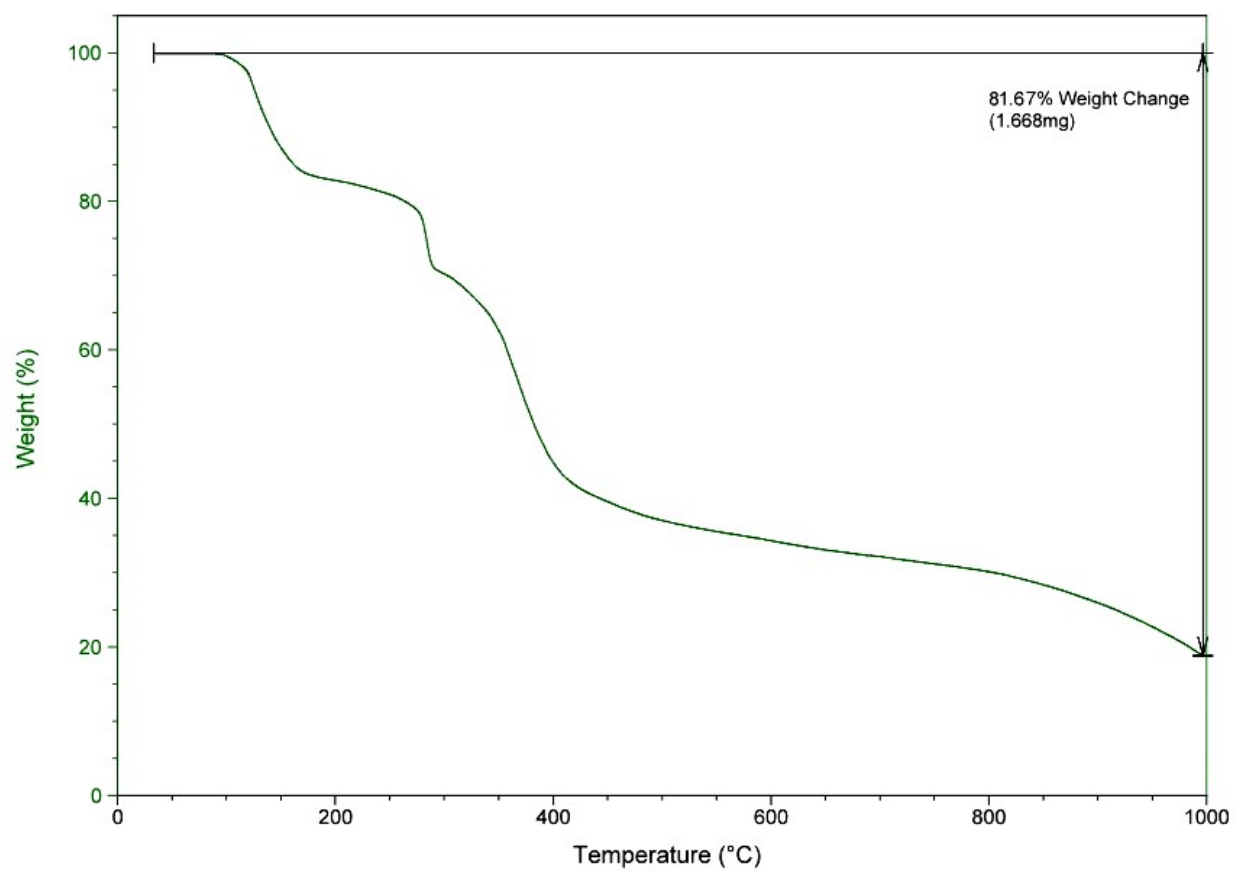


Fig. S8. TGA diagram of $[\text{Zn}(\text{HL})(\text{OAc})_2]$

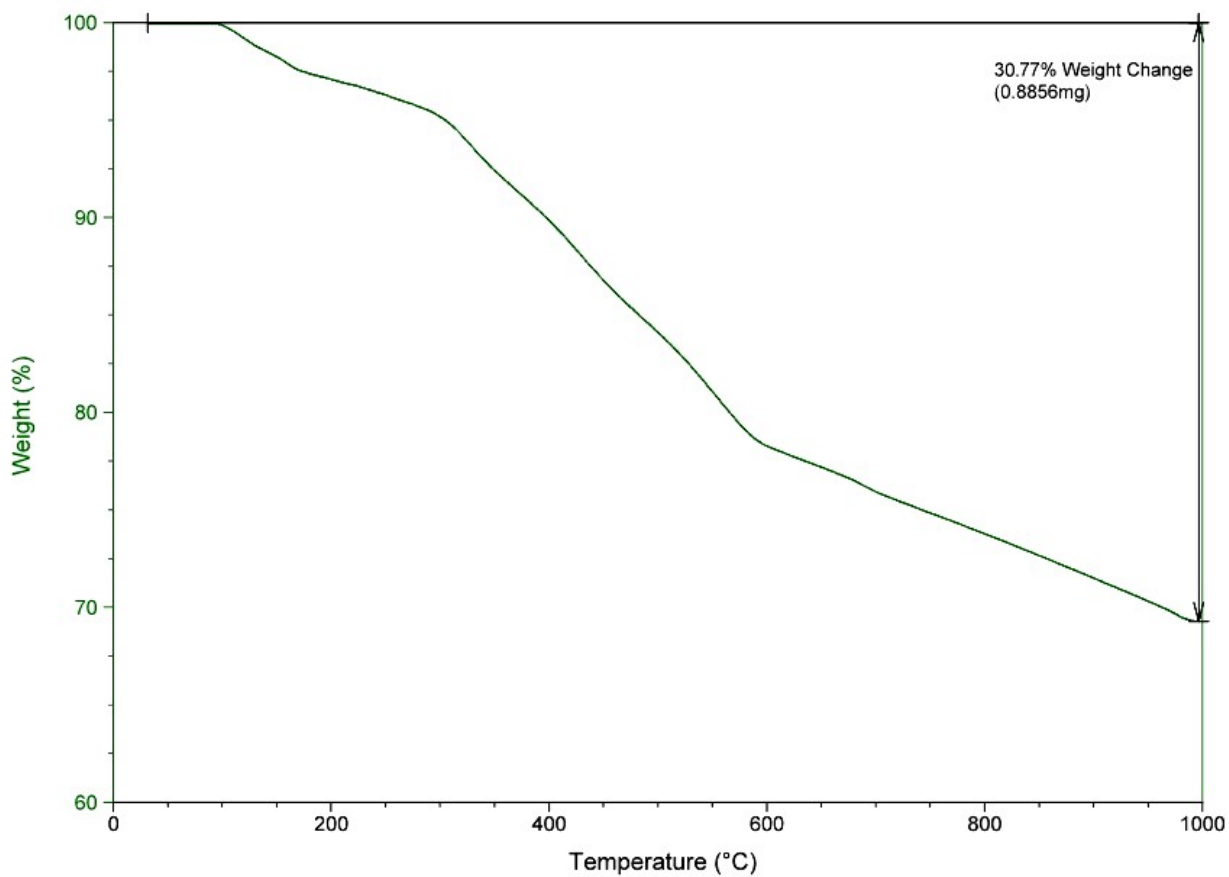


Fig. S9. TGA diagram of Si-[Zn(HL)(OAc)₂]

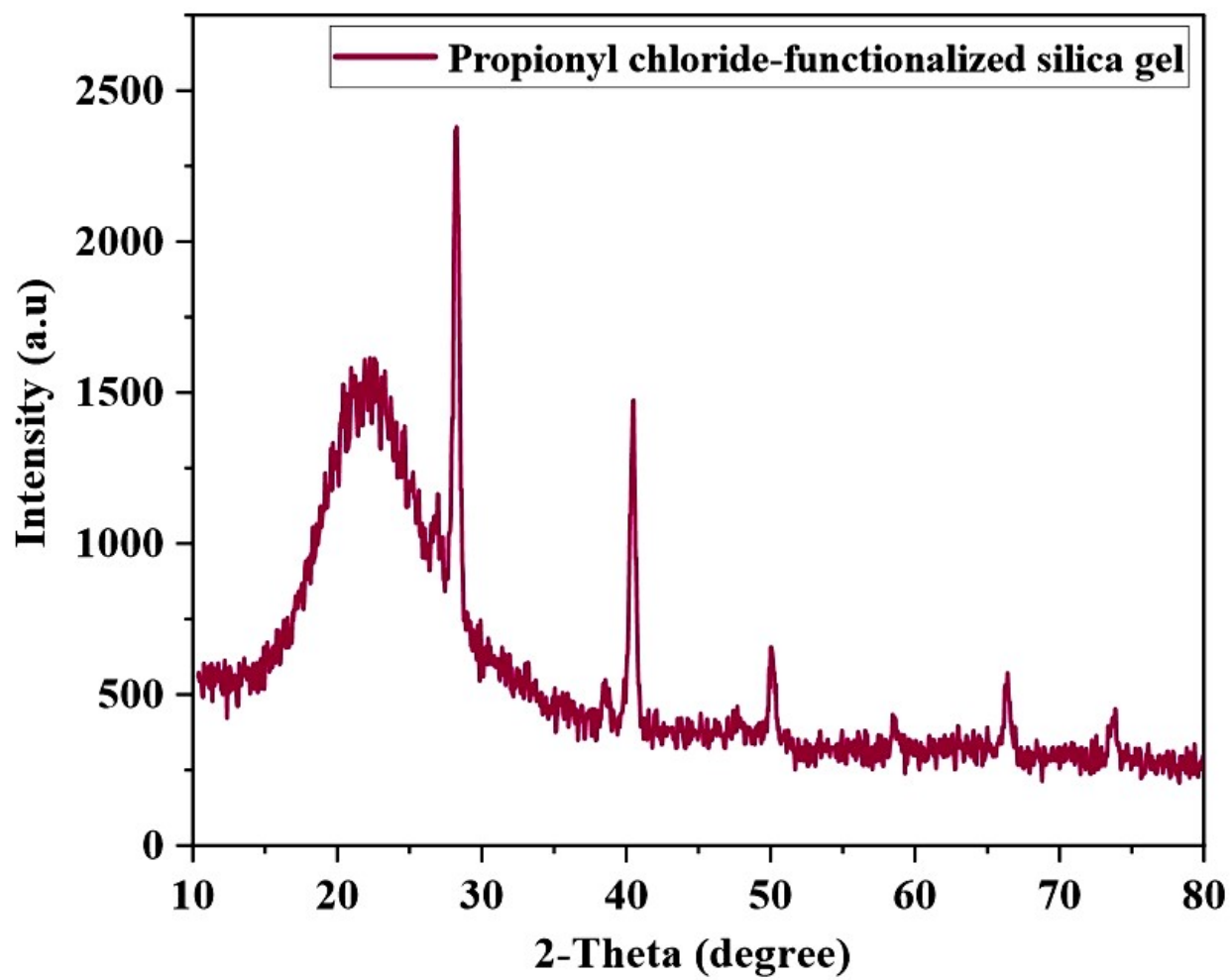


Fig. S10. XRD pattern of propionylchloride-functionalized silica gel

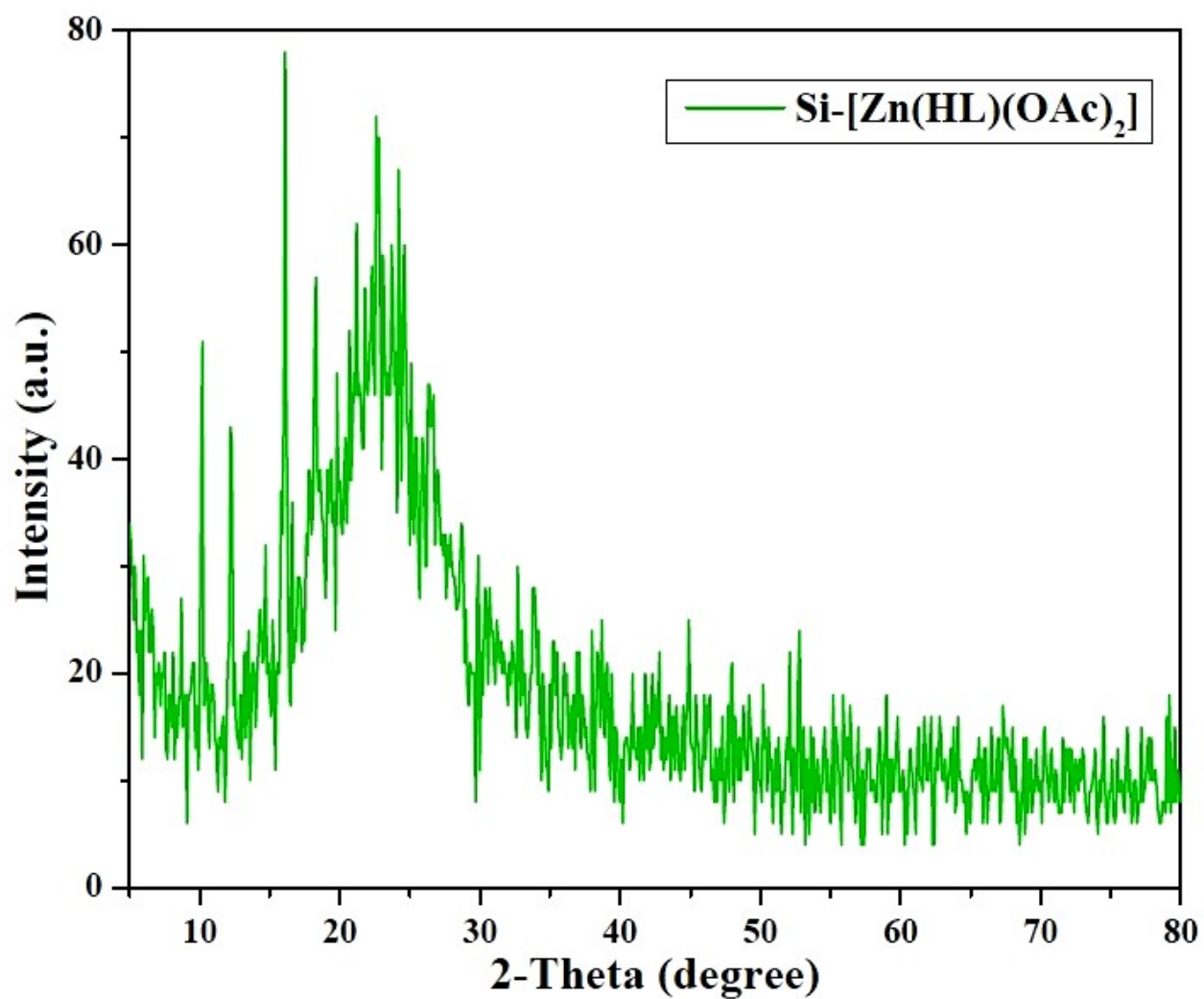


Fig. S11. XRD pattern of Si-[Zn(HL)(OAc)₂]

