

Zinc(II)-Sterol Hydrazone Complex as a Potent Anti-*Leishmania* Agent: Synthesis, Characterization, and Insight into Its Mechanism of Antiparasitic Action

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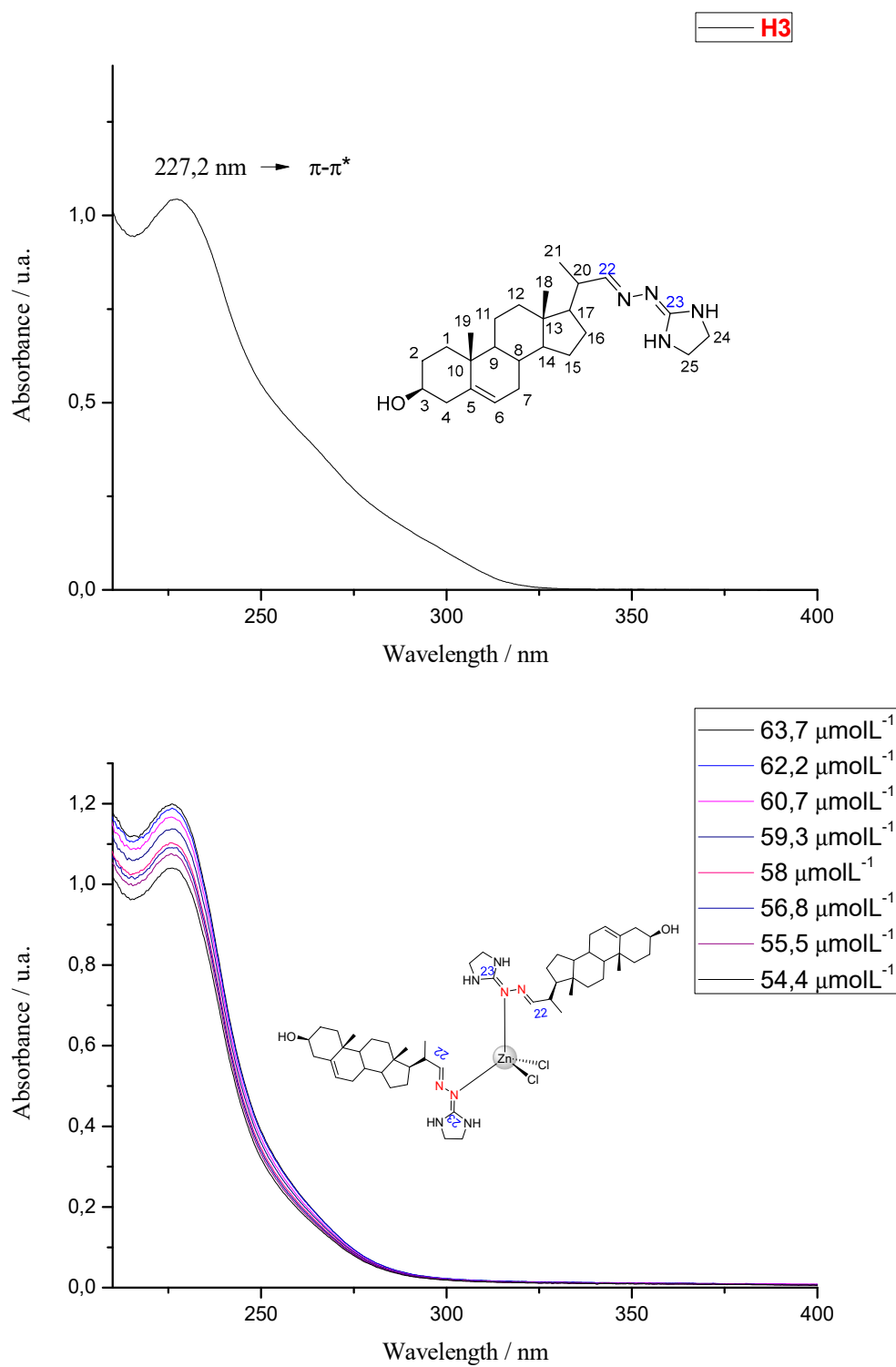


Figure S1. UV absorption spectra of the free ligand **H3** and molar absorptivity spectra for the complex $\text{ZnCl}_2(\text{H3})_2$

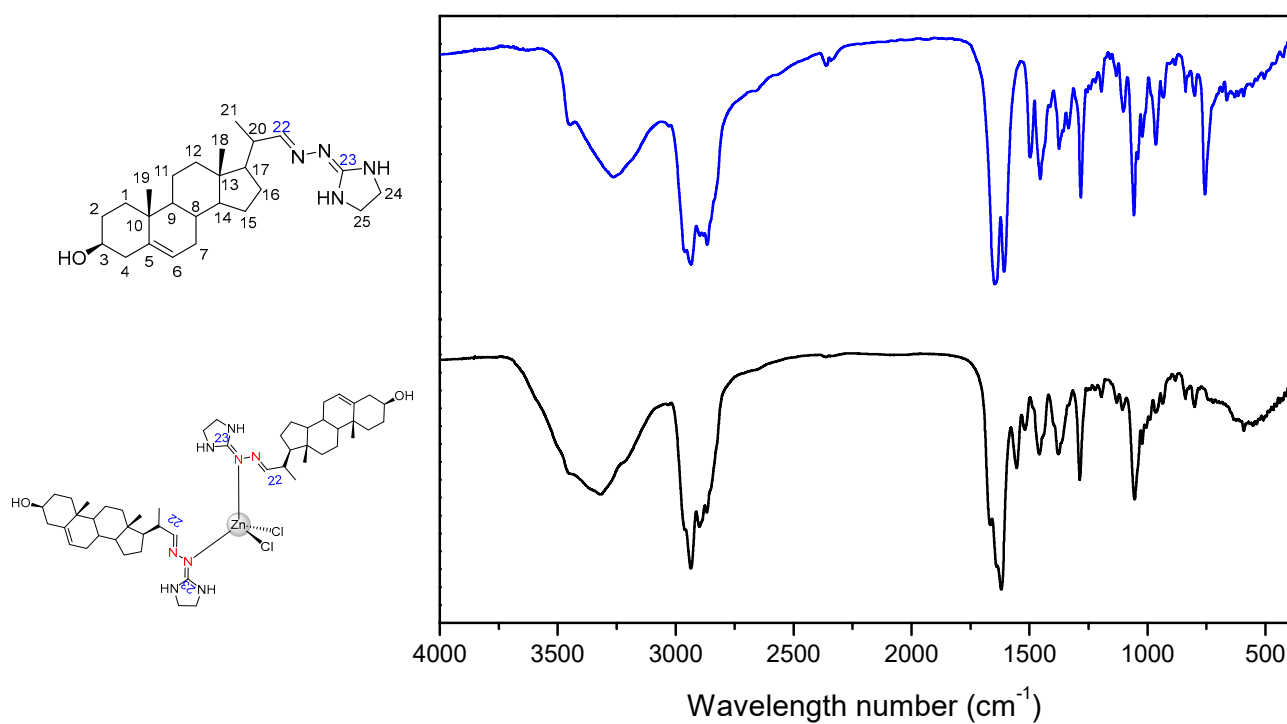


Figure S2. Comparison of the infrared spectra of the free ligand **H3** and the complex $\text{ZnCl}_2(\text{H3})_2$

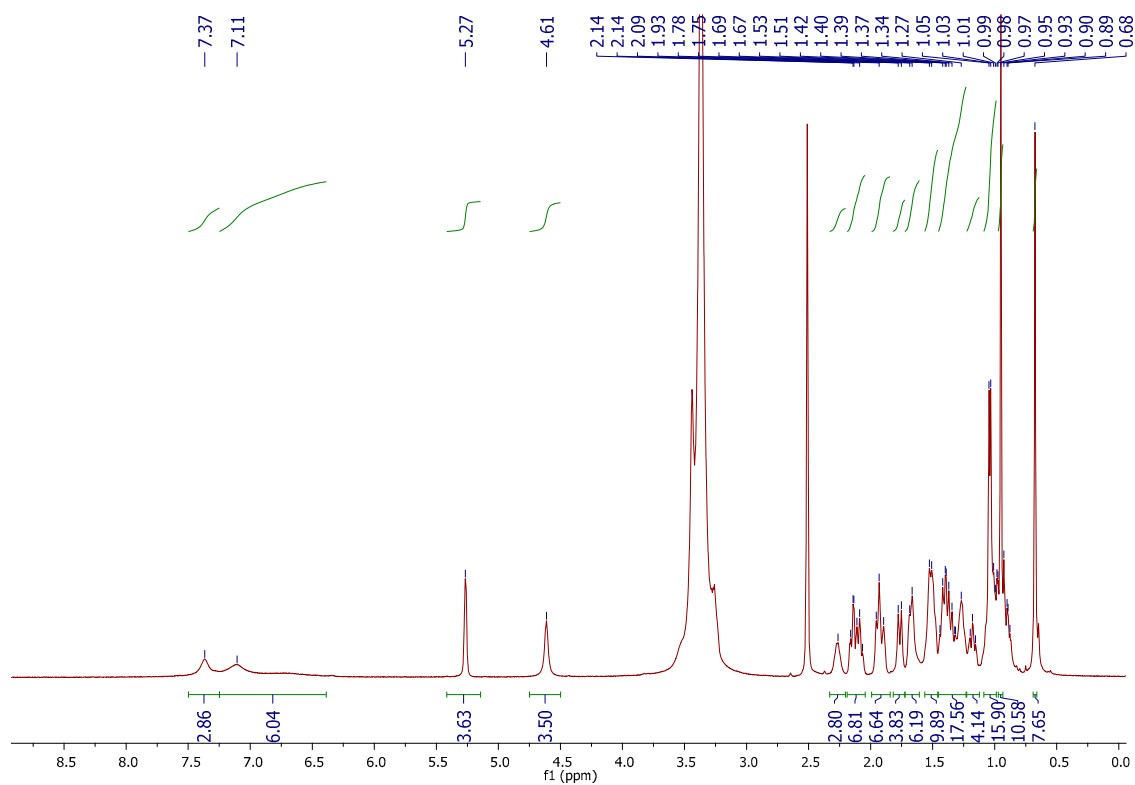


Figure S3. ^1H NMR spectrum of $\text{ZnCl}_2(\text{H3})_2$ in $\text{DMSO-}d_6$.

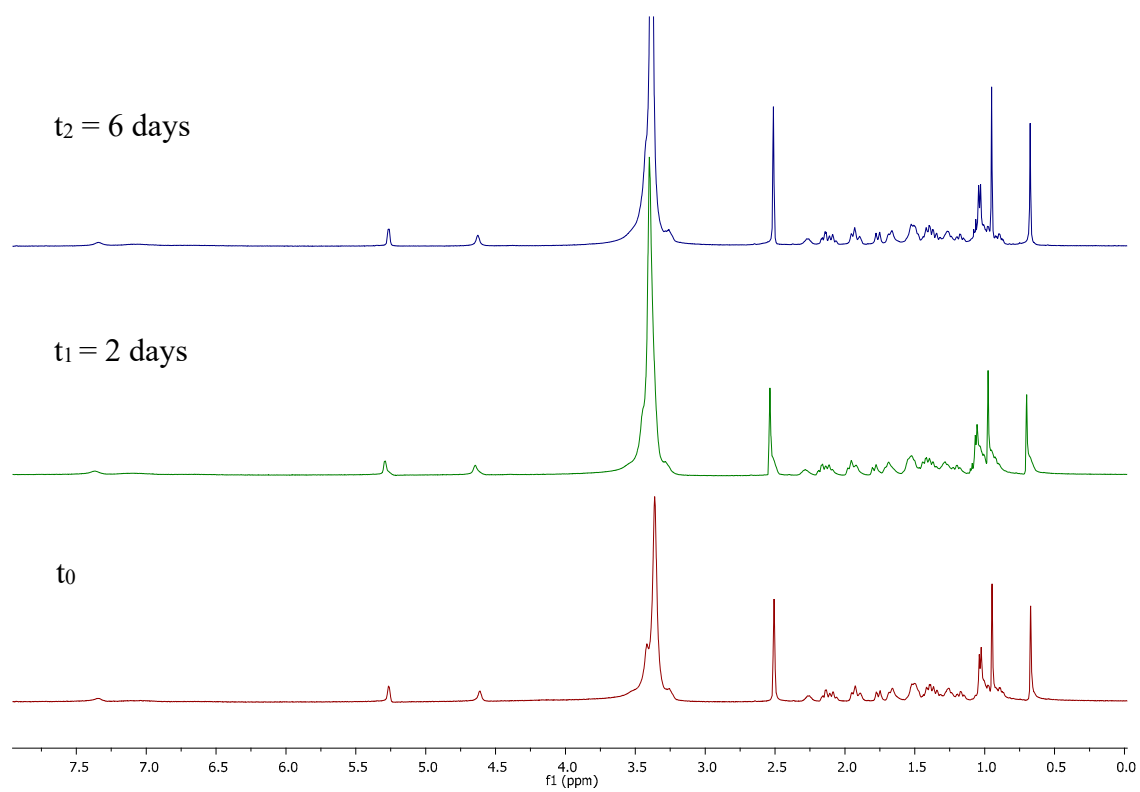


Figure S4. Stability study of $\text{ZnCl}_2(\text{H3})_2$ by ^1H NMR in $\text{DMSO-}d_6$ as solvent.