

Facile synthesis, characterization, biological studies of novel schiff base ligand and its metal complexes

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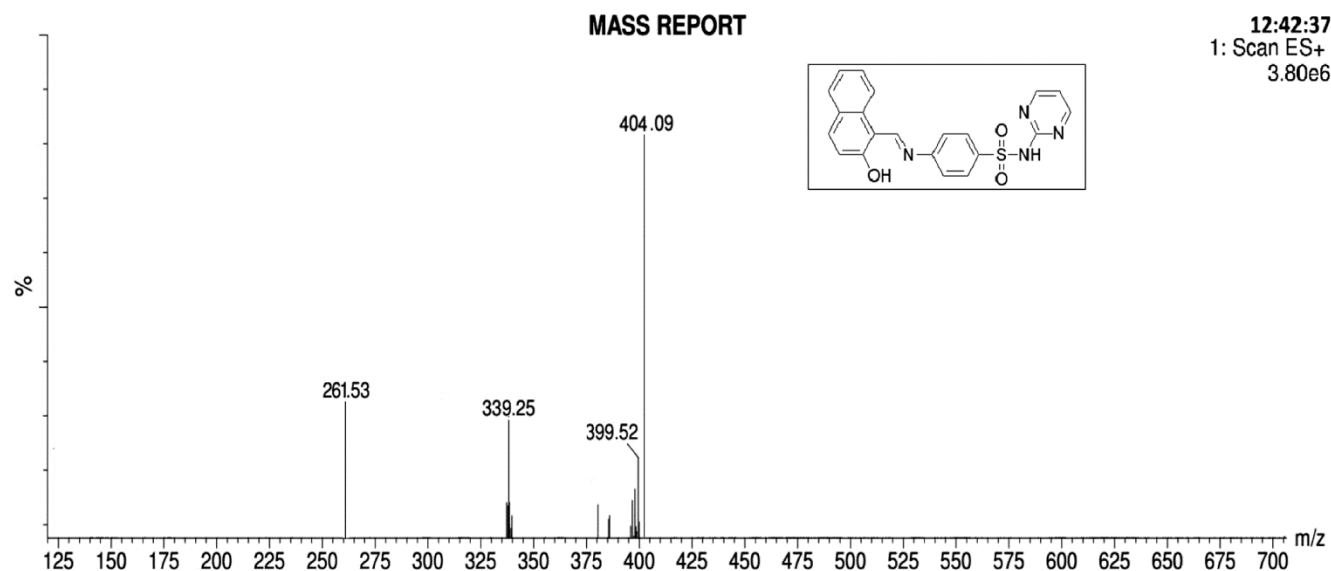
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Supplementary data



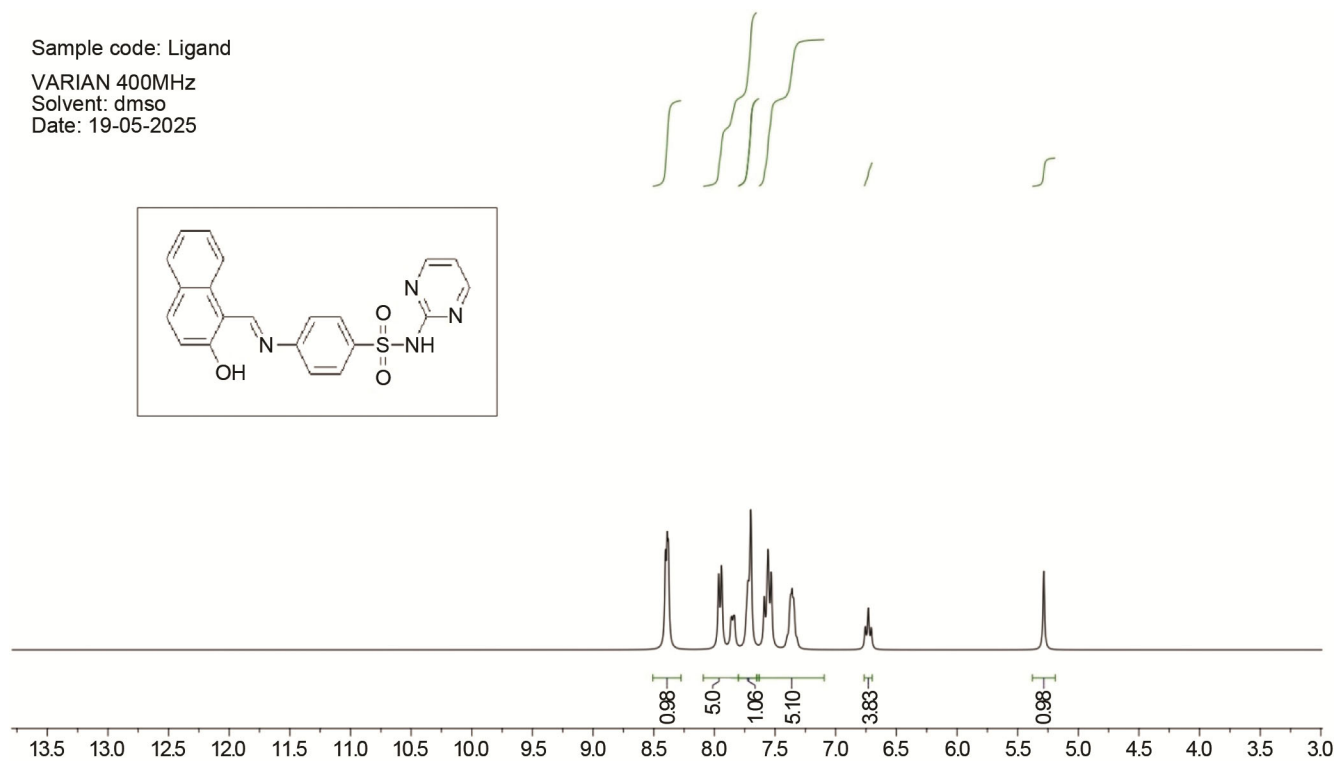
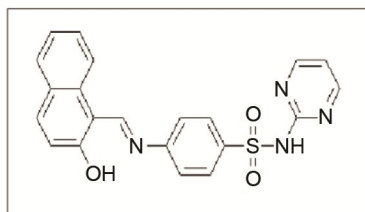
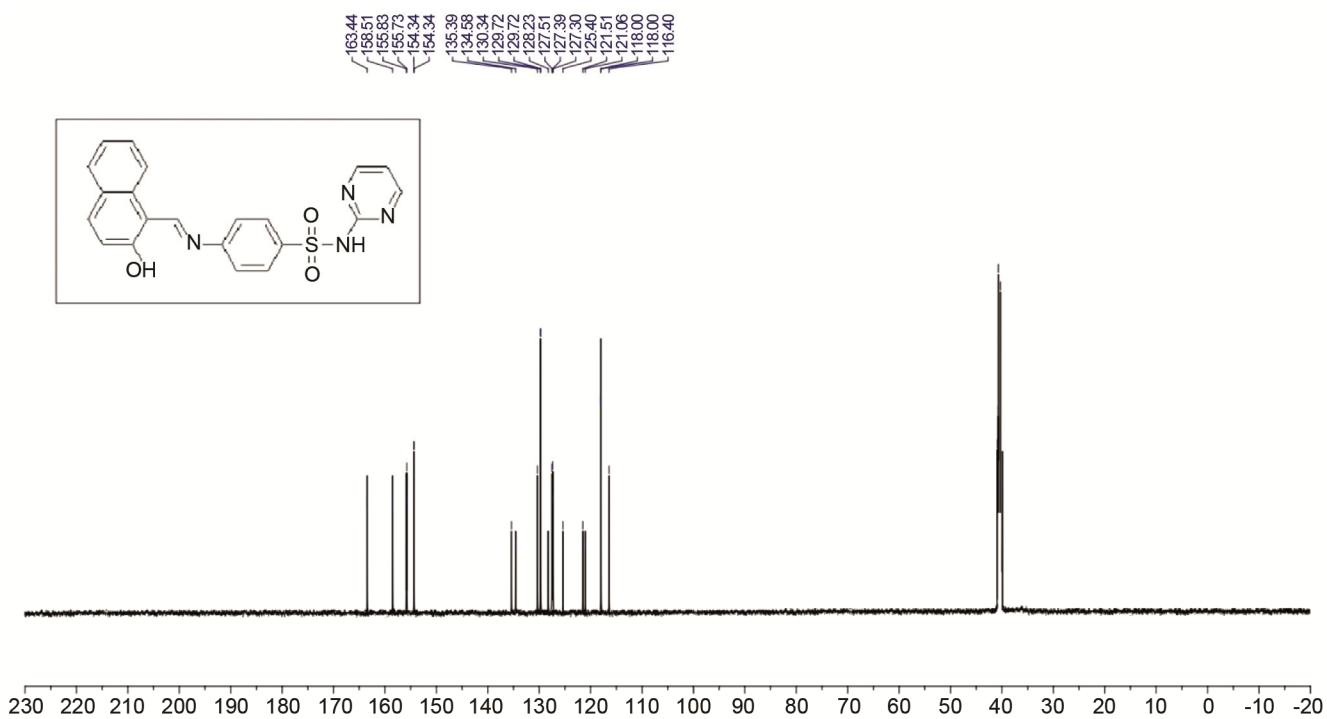
Suppl. Fig. S1 — Mass spectrum of Ligand 2

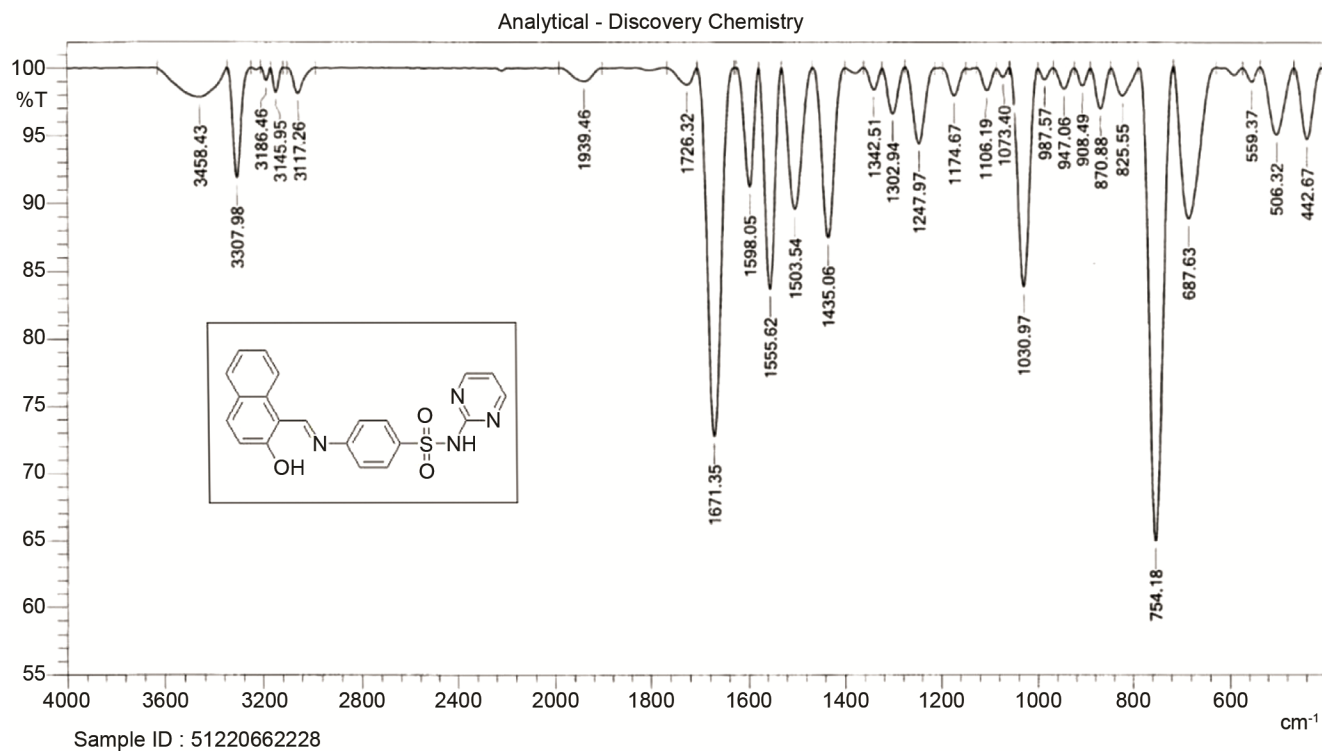
Sample code: Ligand

VARIAN 400MHz

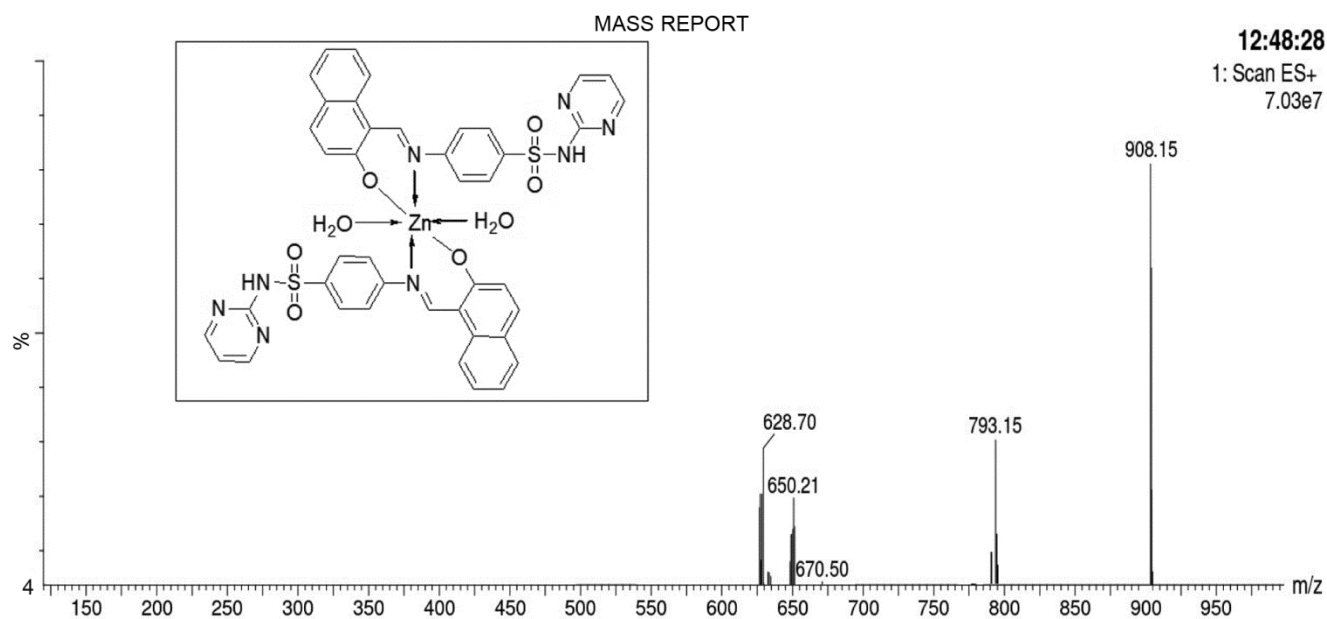
Solvent: dmsd

Date: 19-05-2025

Suppl. Fig. S2 — ¹H NMR spectrum of Ligand 2Suppl. Fig. S3 — ¹³C NMR spectrum of Ligand 3

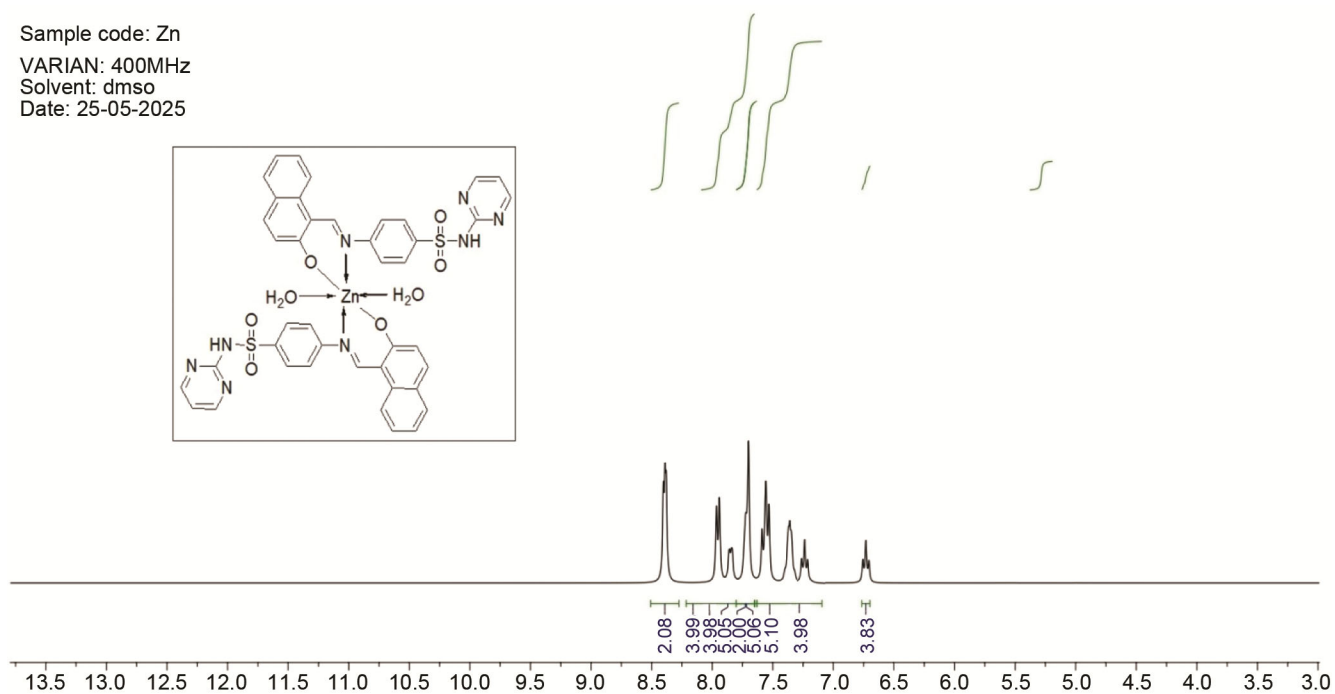


Suppl. Fig. S4 — IR spectrum of Ligand 3

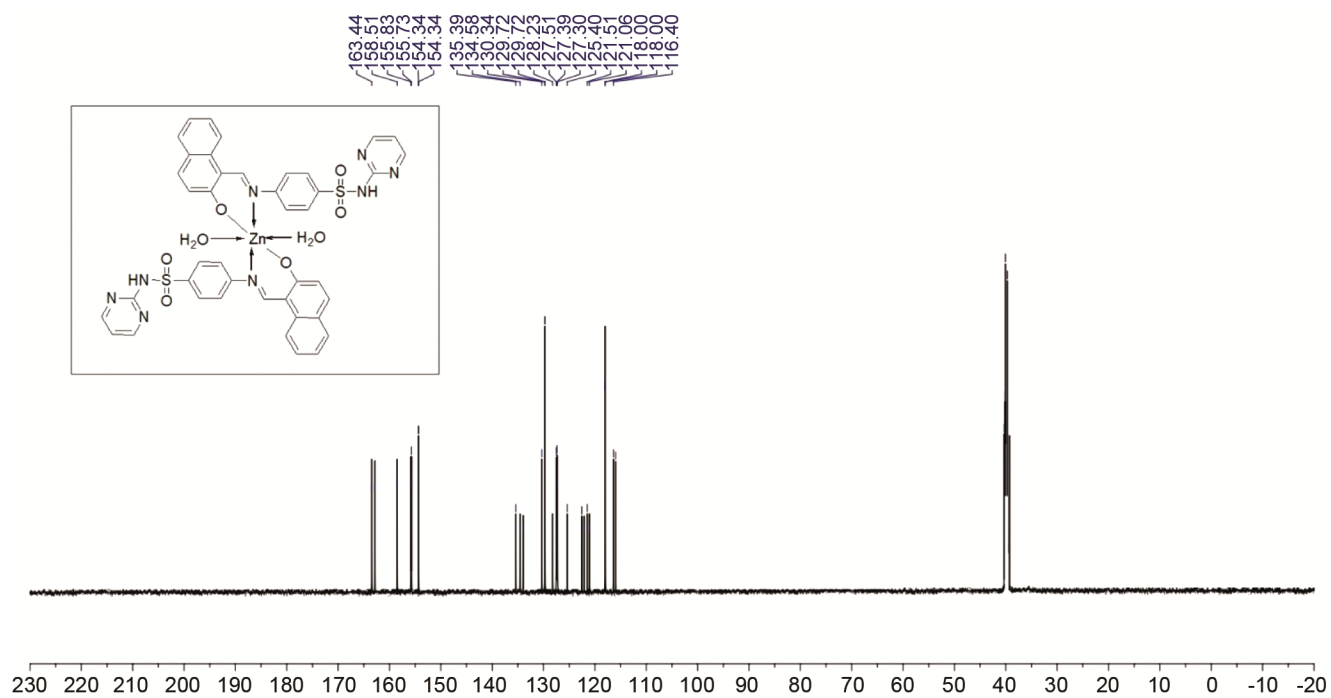


Suppl. Fig. S5 — Mass spectrum of Zn Complex 4

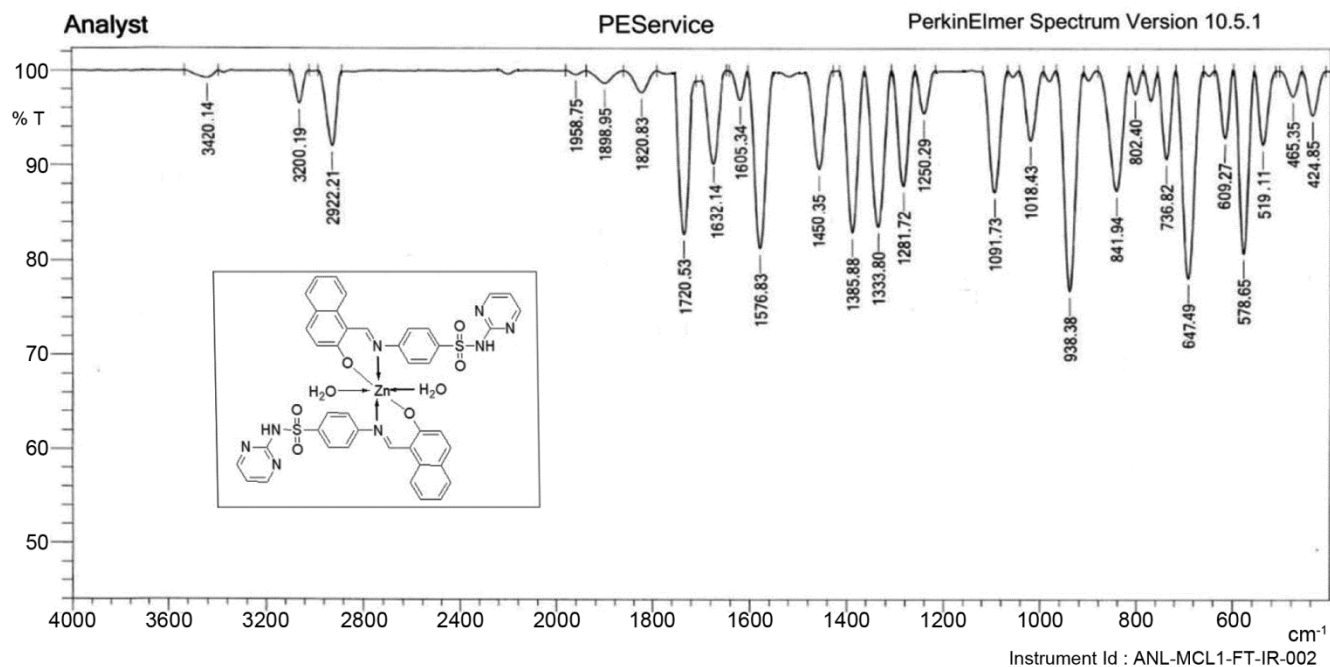
Sample code: Zn
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 Solvent: dmsd
 Date: 25-05-2025



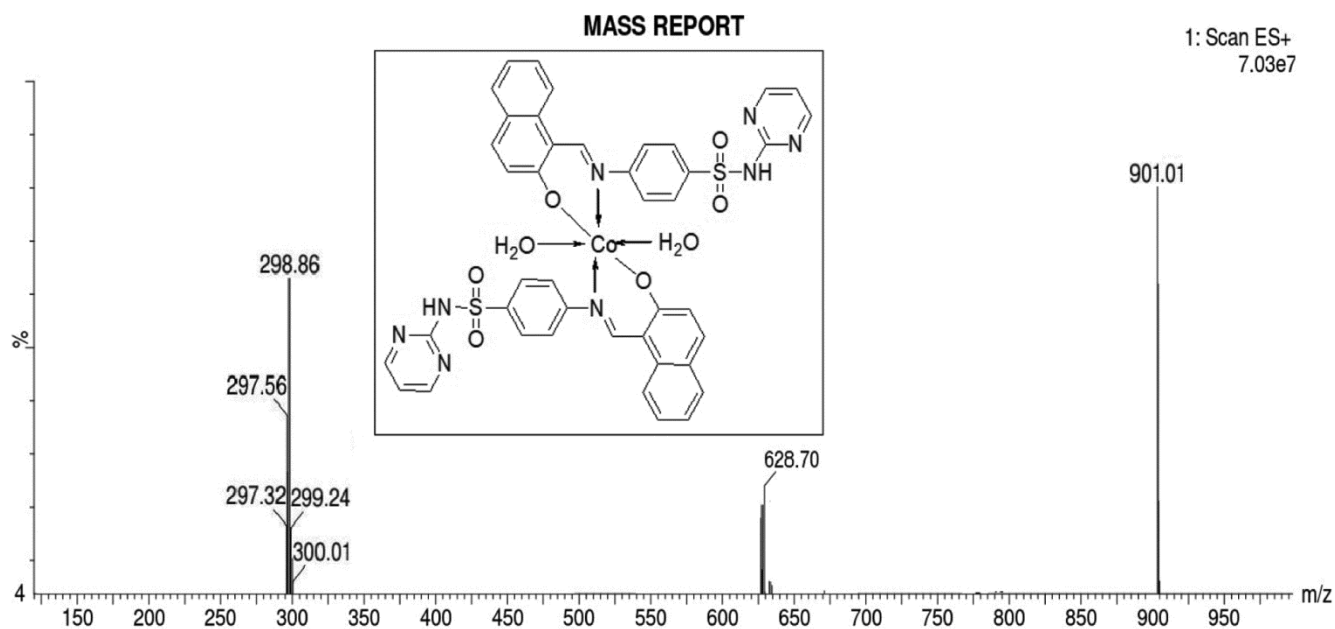
Suppl. Fig. S6 — ^1H NMR spectrum of Zn Complex 4



Suppl. Fig. S7 — ^{13}C NMR spectrum of Zn Complex 5



Suppl. Fig. S8 — IR spectrum of Zn Complex 5



Suppl. Fig. S9 — Mass spectrum of Co Complex 6