

## Electronic Supplementary Data

### Synthesis and spectral studies of some homo dinuclear lanthanide(III) complexes of a mesogenic Schiff-base

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No.	Contents	Pg. No.
1	Fig. S1 – $^1\text{H}$ NMR Spectrum of ligand, $\text{H}_2\text{L}$	2
2	Fig. S2 – $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of ligand, $\text{H}_2\text{L}$	2
3	Fig. S3 – $^1\text{H}$ NMR Spectrum of $\text{La}^{\text{III}}$ complex; $[\text{La}_2(\text{LH}_2)_3(\text{NO}_3)_4](\text{NO}_3)_2$	3
4	Fig. S4 – $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of $\text{La}^{\text{III}}$ complex; $[\text{La}_2(\text{L}^2\text{H}_2)_3(\text{NO}_3)_4](\text{NO}_3)_2$	3
5	Fig. S5 – FAB Mass Spectrum of ligand, $\text{H}_2\text{L}$	4

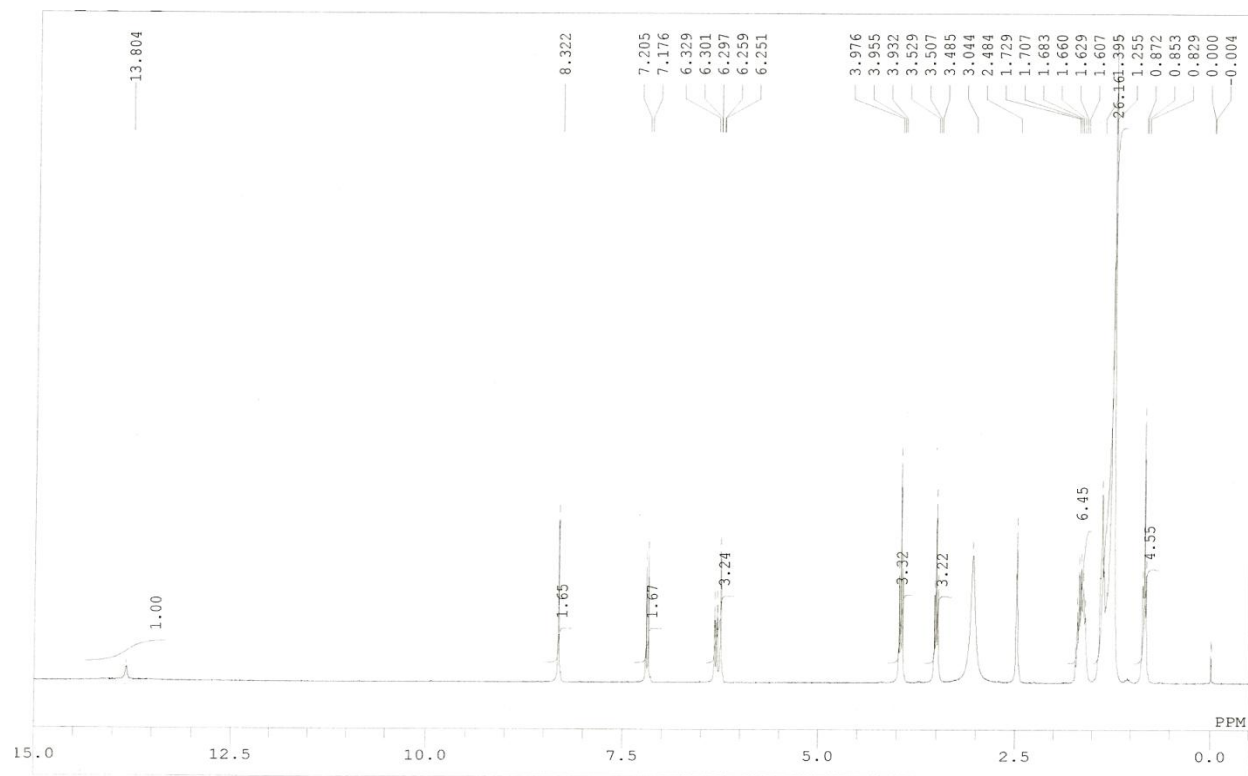


Fig. S1  $^1\text{H}$  NMR Spectrum of ligand,  $\text{H}_2\text{L}$

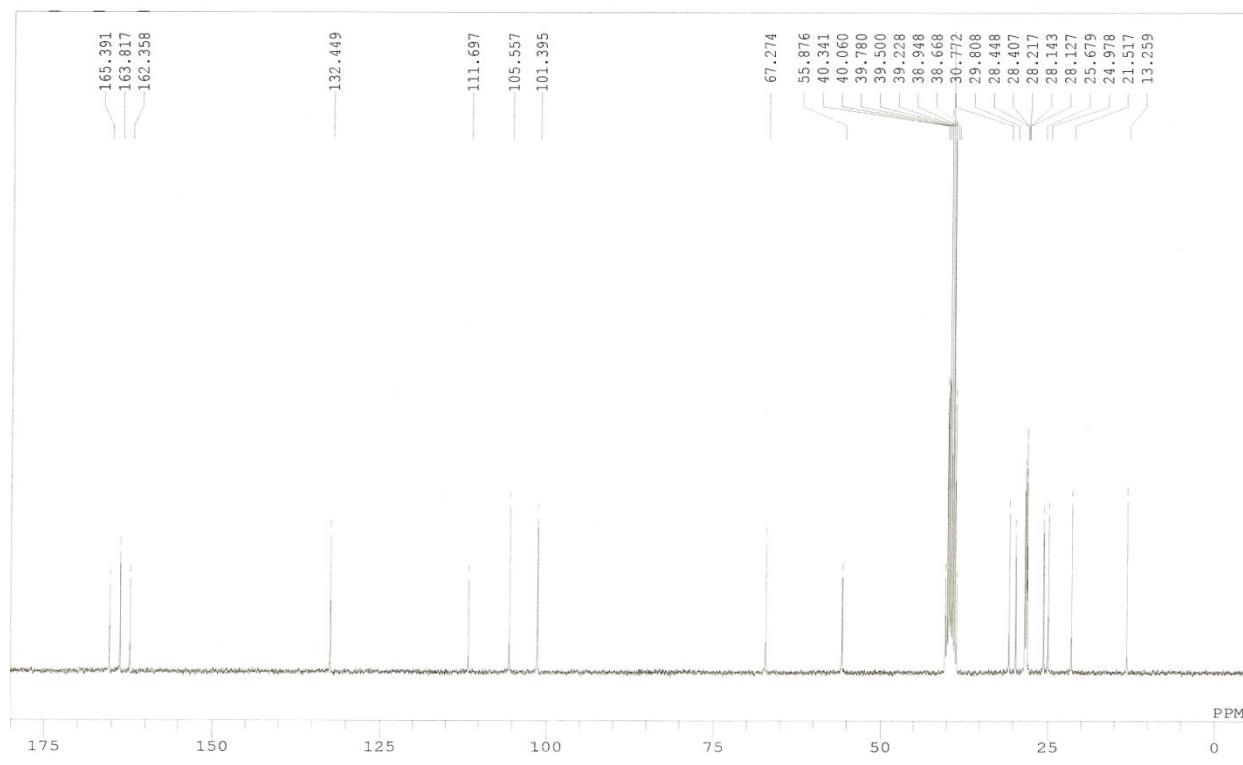


Fig. S2  $^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum of ligand,  $\text{H}_2\text{L}$

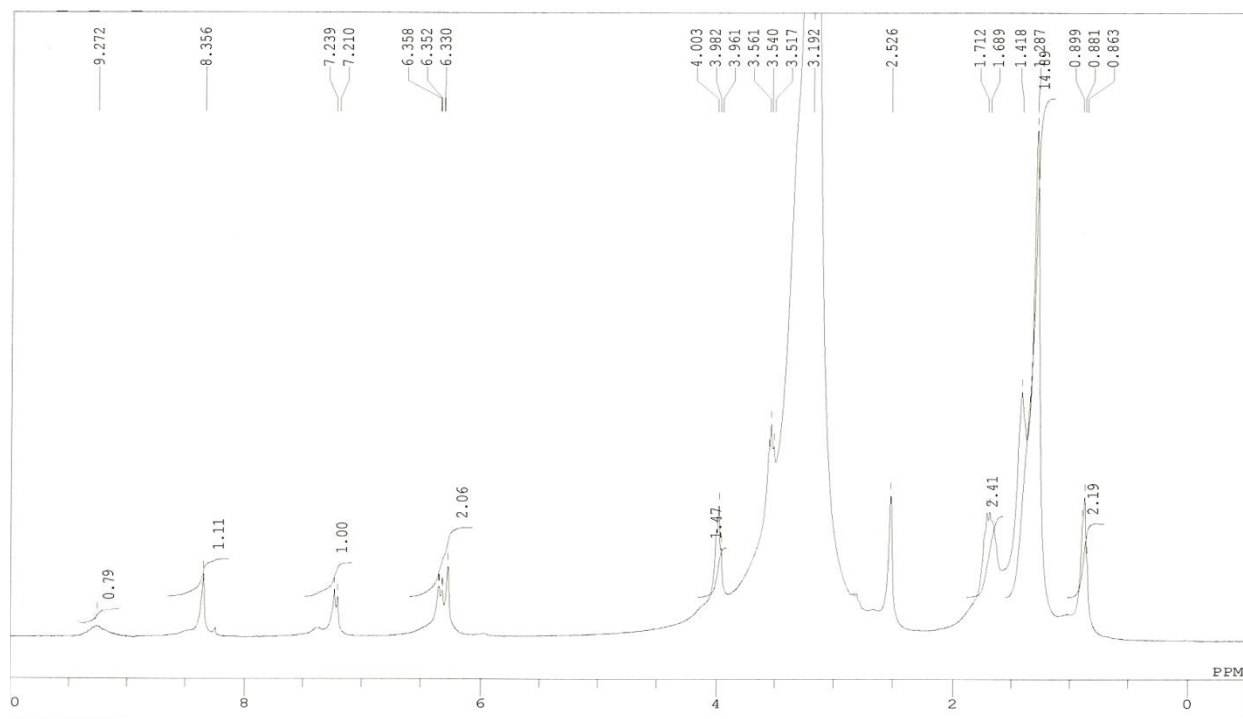


Fig. S3 –  $^1\text{H}$  NMR Spectrum of  $\text{La}^{\text{III}}$  complex;  $[\text{La}_2(\text{LH}_2)_3(\text{NO}_3)_4](\text{NO}_3)_2$

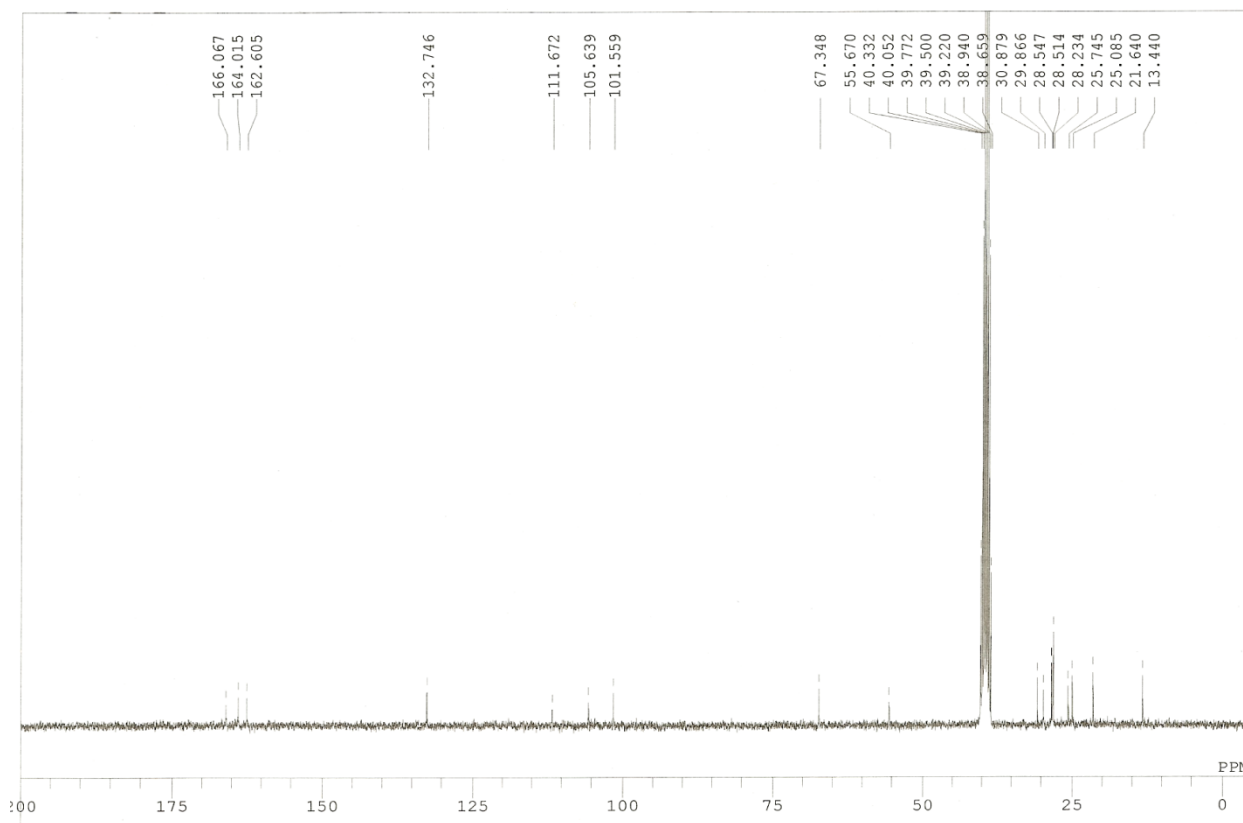


Fig. S4 –  $^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum of  $\text{La}^{\text{III}}$  complex;  $[\text{La}_2(\text{L}^2\text{H}_2)_3(\text{NO}_3)_4](\text{NO}_3)_2$

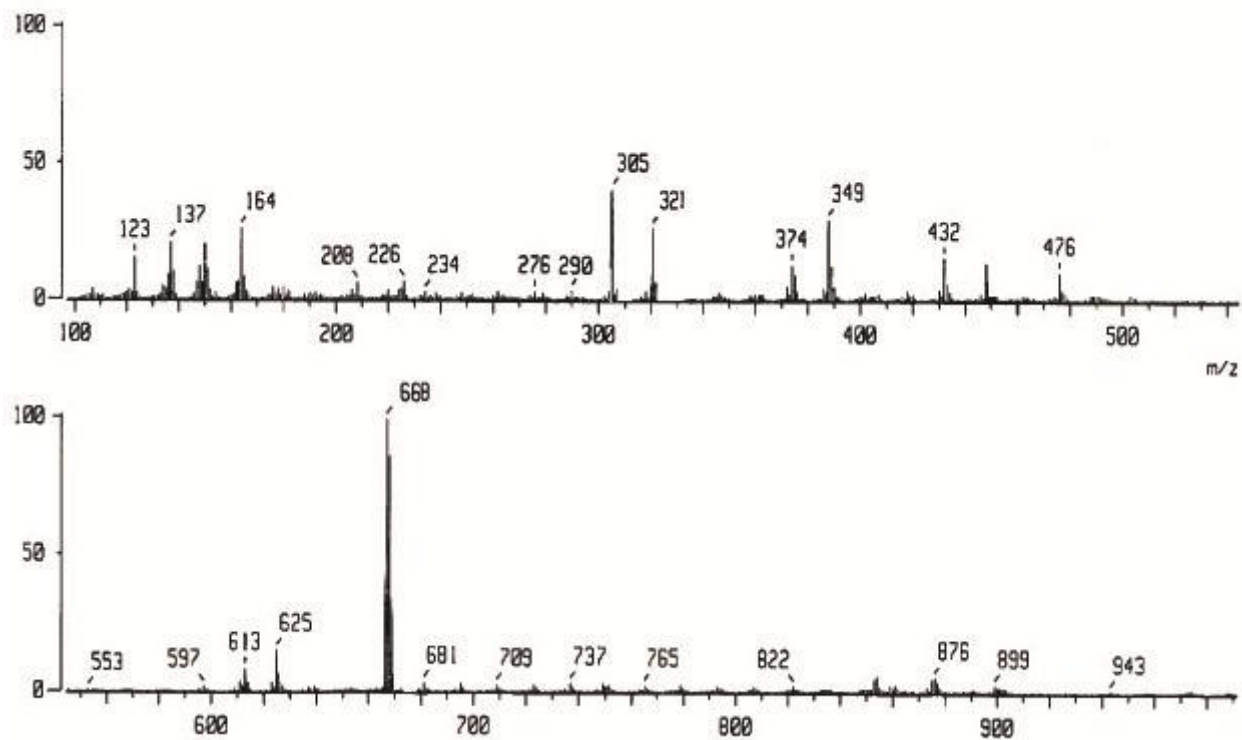


Fig. S5 – FAB Mass Spectrum of ligand, H<sub>2</sub>L