SUPPLIMENTARY INFORMATION

for

Role of the Environment Polarity on the Photophysical Properties of Mesogenic Hetero-Polymetallic Complexes

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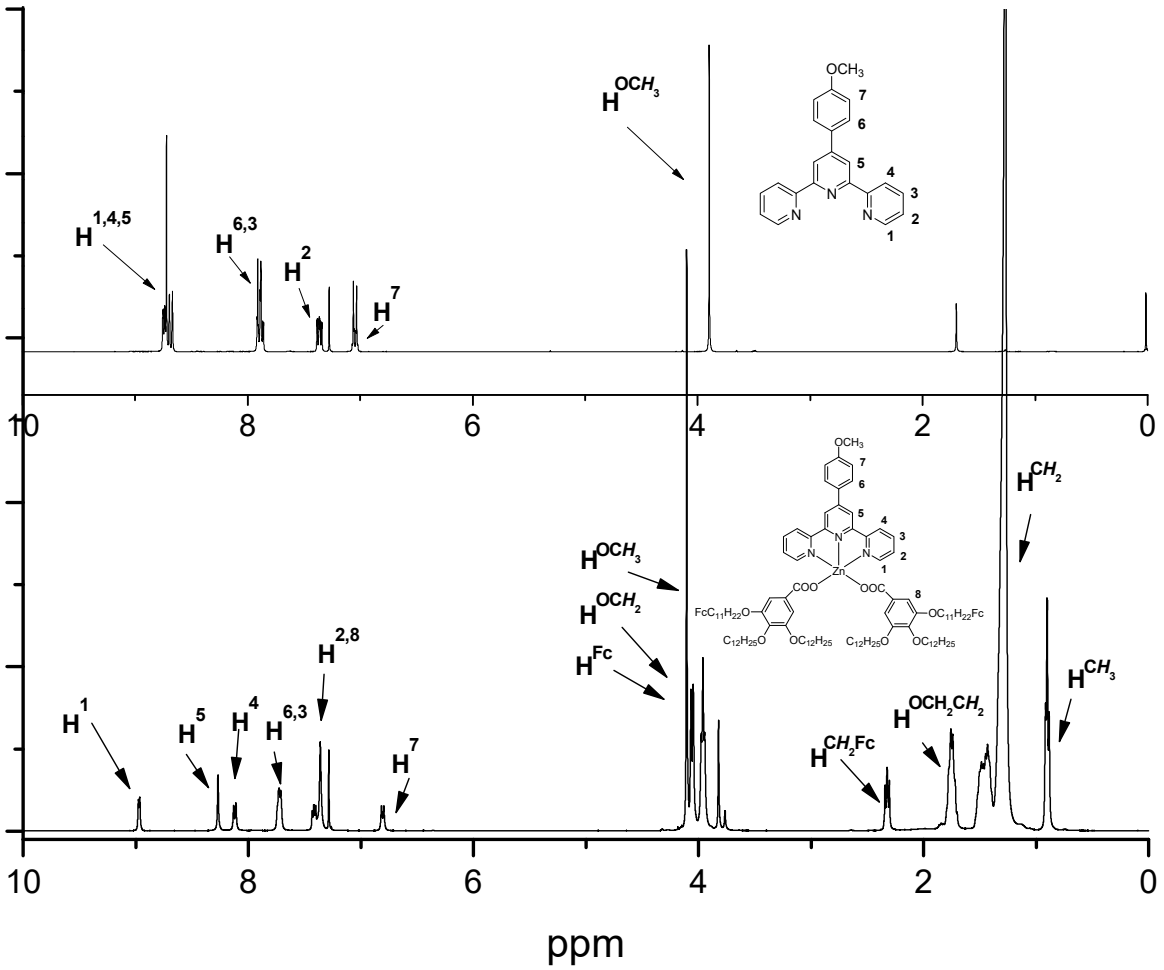

Figure S1. ^{1}H NMR spectra of ligand L1 and complex Zn_1Fe_2 in $CDCl_3$.

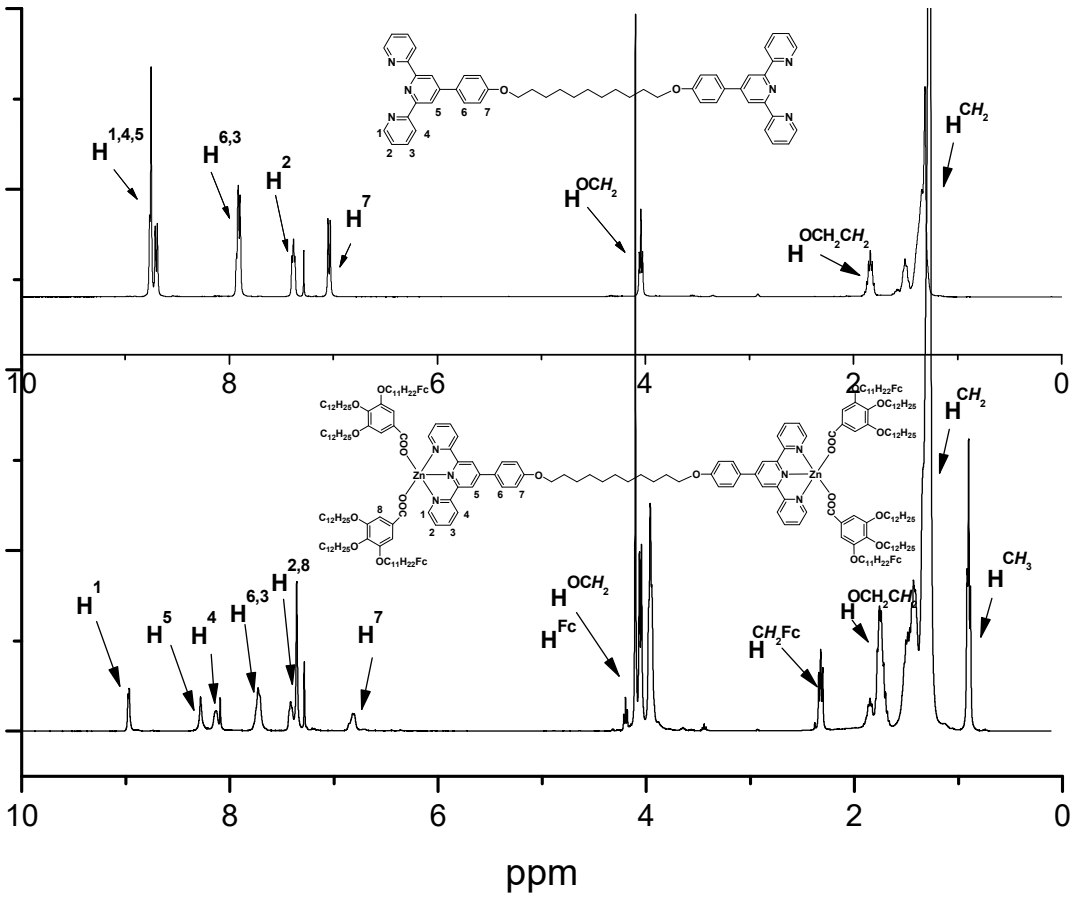

Figure S2. ^{1}H NMR spectra of ligand L2 and complex Zn_2Fe_4 in $CDCl_3$.

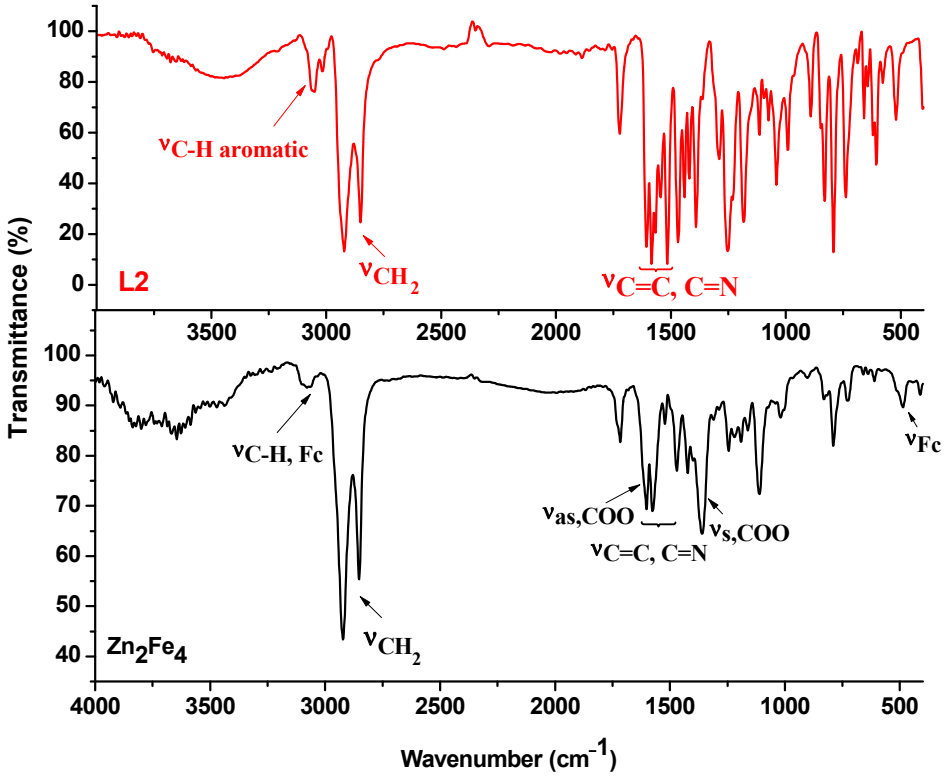

Figure S3. FT-IR spectra of ligand L2 and complex Zn_2Fe_4 with the principal absorption bands evidenced.

Table S1. Method preparation of the samples used for the investigation of the effect of the polarity of the environment.

Stock solution of 1.0 E^{-4} M in dichloromethane	Dichloromethane	Methanol	Volume of the final solution	Final concentration	% Methanol
1 mL	9 mL	0 mL	10 mL	1.0 E^{-5} M	0
1 mL	8 mL	1 mL	10 mL	1.0 E^{-5} M	10
1 mL	7 mL	2 mL	10 mL	1.0 E^{-5} M	20
1 mL	6 mL	3 mL	10 mL	1.0 E^{-5} M	30
1 mL	5 mL	4 mL	10 mL	1.0 E^{-5} M	40
1 mL	4 mL	5 mL	10 mL	1.0 E^{-5} M	50
1 mL	3 mL	6 mL	10 mL	1.0 E^{-5} M	60
1 mL	2 mL	7 mL	10 mL	1.0 E^{-5} M	70
1 mL	1 mL	8 mL	10 mL	1.0 E^{-5} M	80
1 mL	0 mL	9 mL	10 mL	1.0 E^{-5} M	90

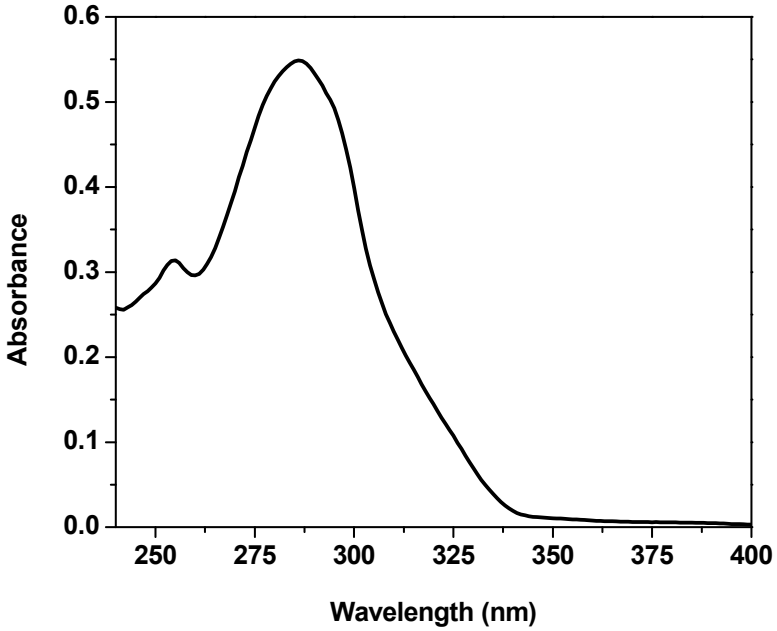

Figure S4. Absorption spectrum of L1 in 1.0×10^{-5} M dichloromethane solution (light path = 1 cm)

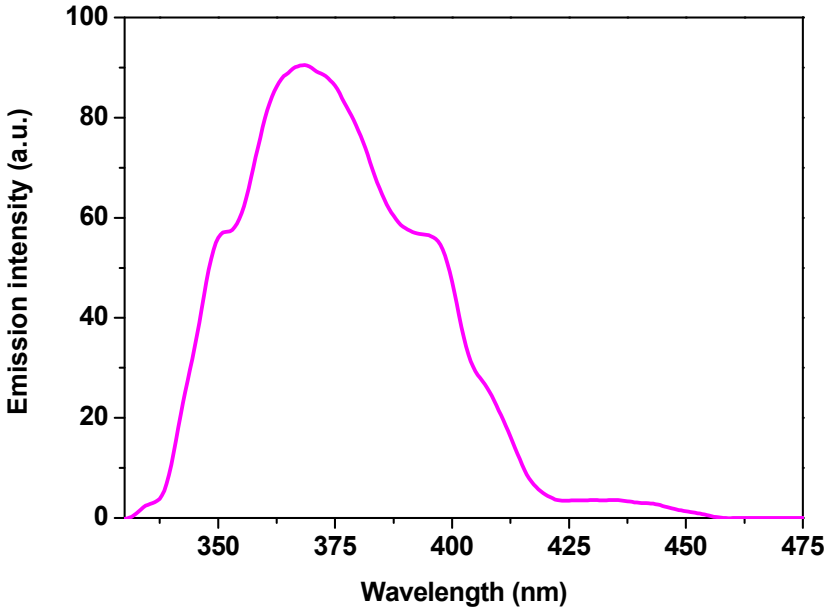

Figure S5. Emission spectrum of L1 in dichloromethane solution.

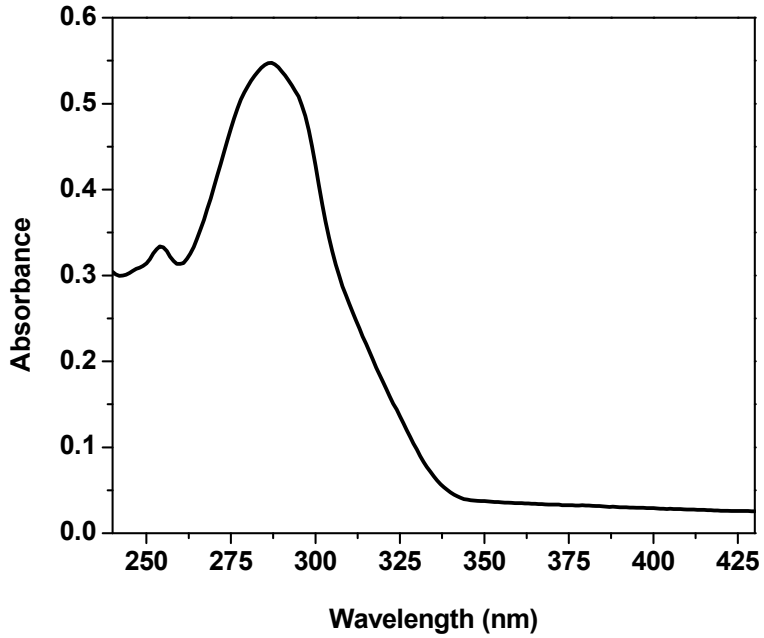

Figure S6. Absorption spectrum of L2 in 1.0×10^{-5} M dichloromethane solution (light path = 1 cm).

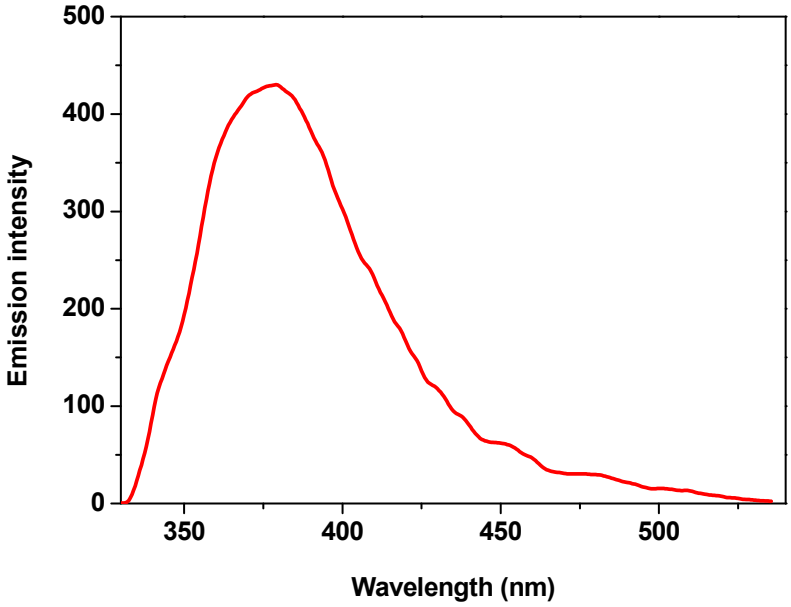

Figure S7. Emission spectrum of L2 in dichloromethane solution.