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Spectral studies, thermal investigation and biological activity of some metal complexes derived from (E)-N'-(1-(4-aminophenyl)) ethylidene)morpholine-4-carbothiohydrazide

El-Sayed A. El-Samanody, Magdy W. Polis, Esam M. Emara

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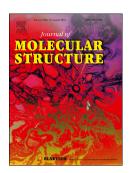
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#### ACCEPTED MANUSCRIPT

# Spectral studies, thermal investigation and biological activity of some metal complexes derived from (E)-N'-(1-(4-aminophenyl)ethylidene)morpholine-4-carbothiohydrazide

El-Sayed A. El-Samanody<sup>a</sup>, Magdy W. Polis<sup>b</sup>, Esam M. Emara<sup>b</sup>\*

- <sup>a</sup>: Chemistry Department, Faculty of Science, Menoufia University, Shebin El-Kom, Egypt.
- b: Plant Protection Researches Institute, Agricultural Researches Center, Giza, Egypt.

#### **Graphical Abstract**

$$CH_3$$
 $H_2N$ 
 $S$ 
 $H_2N$ 
 $CH_3$ 
 $H_2N$ 
 $S$ 
 $H_2N$ 
 $S$ 

E-isomer Z- isomer

Proposed structure for the thiosemicarbazone ligand (HL)

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