Supplementary data for the article:

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Supplementary data

Biological activity of two isomeric N-heteroaromatic selenosemicarbazones and their metal complexes

Nenad Filipović ● Natalija Polović ● Brankica Rašković ● Sonja Misirlić-Denčić ● Marija Dulović ● Milena Savić ● Miomir Nikšić ● Dragana Mitić ● Katarina Anđelković ● Tamara Todorović

N. Filipović ● M. Savić ● M. Nikšić
University of Belgrade – Faculty of Agriculture, Belgrade, Serbia

N. Polović ● B. Rašković ● D. Mitić ● K. Anđelković ● T. Todorović (✉)
University of Belgrade – Faculty of Chemistry, Belgrade, Serbia
e-mail: tamarat@chem.bg.ac.rs

S. Misirlić-Denčić ● M. Dulović
Institute of Medical and Clinical Biochemistry, Faculty of Medicine, University of Belgrade, Belgrade, Serbia

Figure S1.

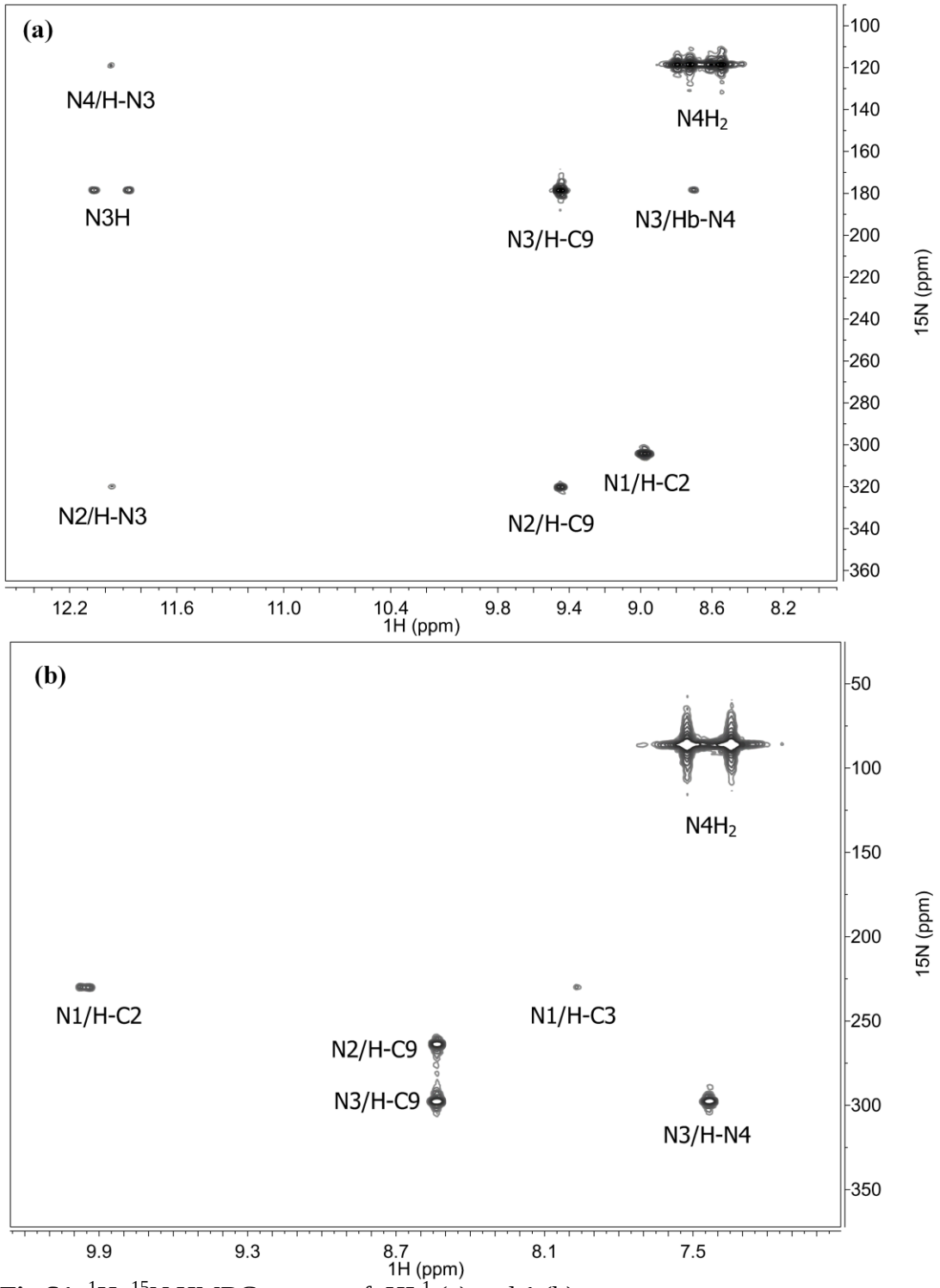

Fig S1. $^{1}H–^{15}N$ HMBC spectra of HL[1] (a) and **1** (b).

Table S1. The substrates used for growing of microorganisms

Microorganism	Broth	Solid medium
Bacillus cereus ATCC 10876	Nutrient Broth, Torlak	M 833 *Bacillus cereus* Agar Base + FD 003 + FD 045
Listeria monocytogenes ATCC 19115	TSYEB, Biolab	TSYEA, Biolab
Escherichia coli ATCC 25922	Nutrient Broth, Torlak	Mueller Hinton Agar, Torlak
Salmonella enteritidis ATCC 13076	Nutrient Broth, Torlak	Salmonella Shigella Agar, Torlak
Shigella sonnei ATCC 29930	Nutrient Broth, Torlak	Salmonella Shigella Agar, Torlak
Escherichia coli O157:H7 ATCC 35150	TSYEB, Biolab	MacConkey Sorbitol Agar, HiMedia
Geobacillus stearothermophylus ATCC 7953	Nutrient Broth, Torlak	Mueller Hinton Agar, Torlak
Enterococcus faecalis ATCC 49532	Nutrient Broth, Torlak	Mueller Hinton Agar, Torlak
Cryptococcus neoformans ATCC 76484	Malt Extract Broth, HiMedia	Malt Extract Agar, HiMedia
Saccharomyces cerevisiae ATCC 9763	Malt Extract Broth, HiMedia	Malt Extract Agar, HiMedia

Figure S2.

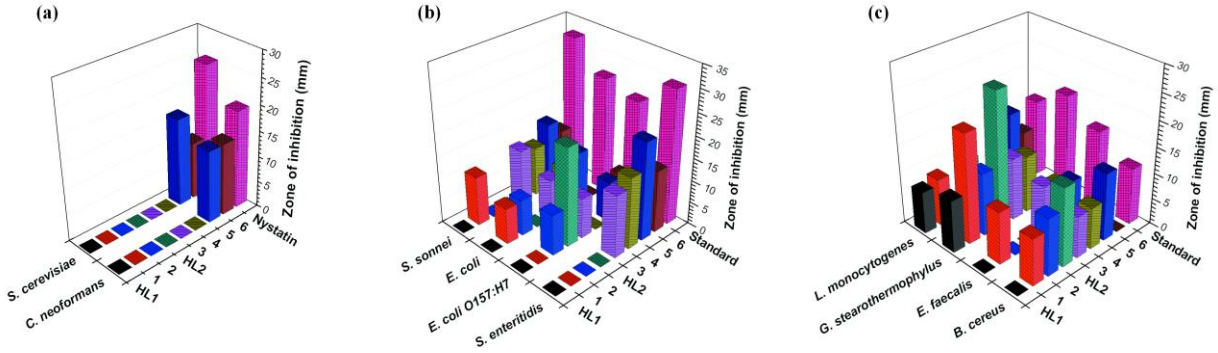

Fig S2. Representative antimicrobial activity plots for the ligands, the complexes **1–6** and standard antimicotic/antibiotics: (a) antifungal activity; (b) antibacterial activity against Gram-negative bacteria; (c) antibacterial activity against Gram-positive bacteria. The following antibiotics were used as standards: tetracycline (*E. coli*), penicillin (*L. monocytogenes* and *E. faecalis*), chloramphenicol (*B. cereus* and *G. stearothermophilus*) and gentamycin (*E. coli* O157:H7, *S. enteritidis* and *S. sonnei*).