

Supplementary data for the article:

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Supplementary data

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

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Figure S1.

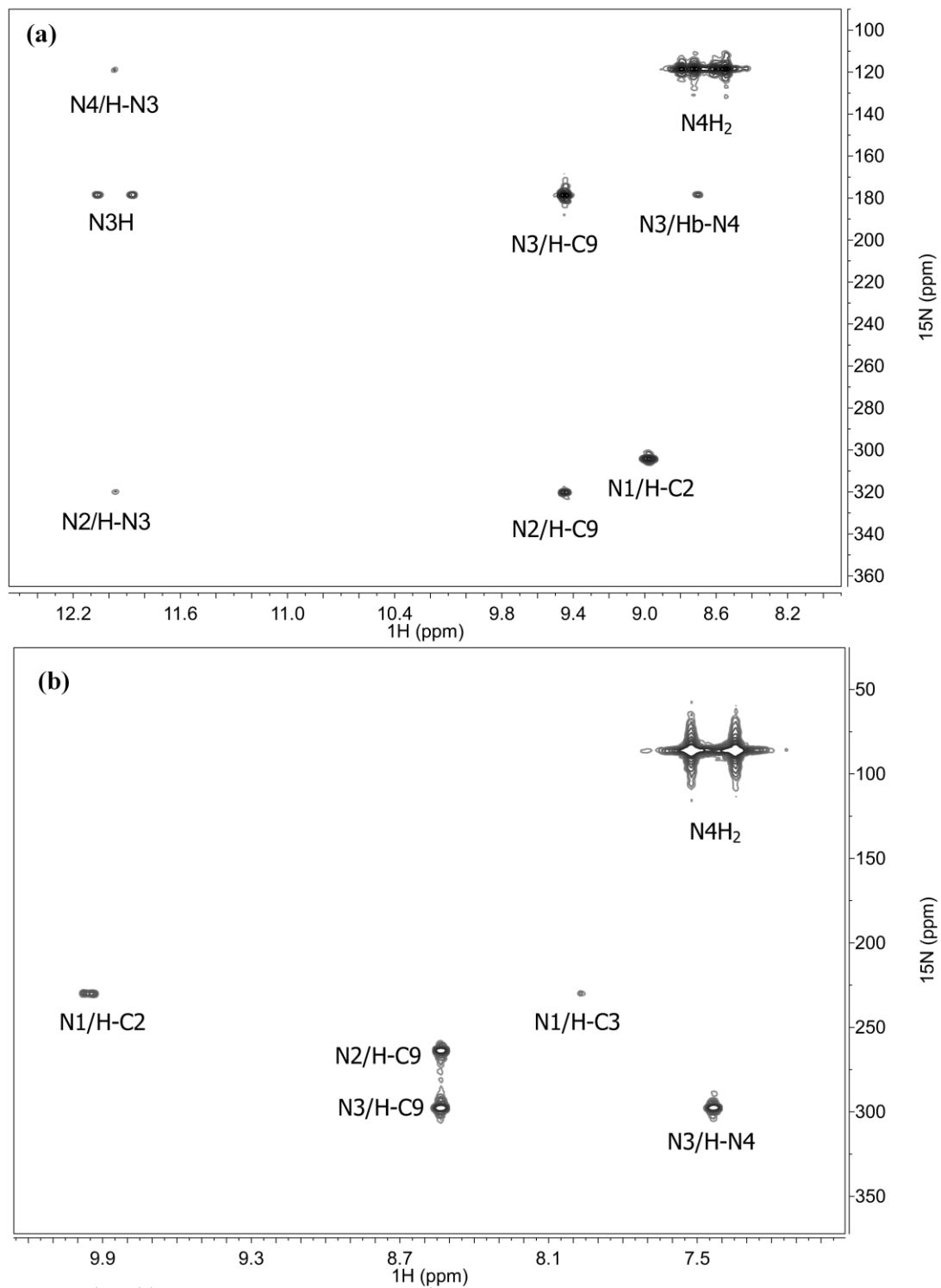


Fig S1. ^1H - ^{15}N HMBC spectra of HL¹ (a) and **1** (b).

Table S1. The substrates used for growing of microorganisms

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

Figure S2.

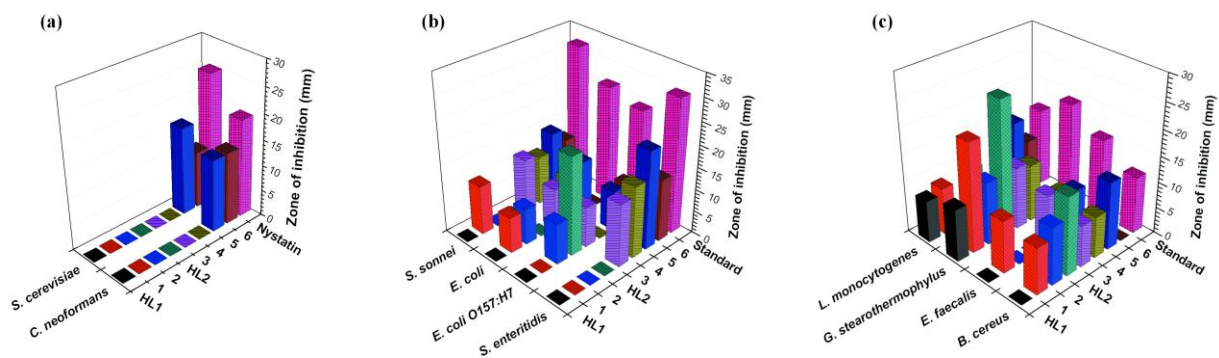


Fig S2. Representative antimicrobial activity plots for the ligands, the complexes 1–6 and standard antimicrobial/antibiotics: (a) antifungal activity; (b) antibacterial activity against Gram-negative bacteria; (c) antibacterial activity against Gram-positive bacteria. The following antibiotics were 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*).