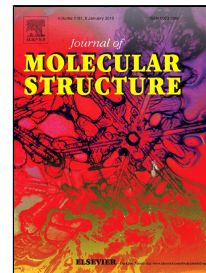


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Antibacterial and DNA Cleavage Activity of Carbonyl Functionalized *N*-Heterocyclic Carbene-Silver(I) and Selenium Compounds



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Highlights

- Synthesis of carbonyl functionalized benzimidazolium salts (**I-IV**).
- Synthesis of NHC-Ag-NHC, NHC-Ag-OAc and NHC-Se type compounds (**V-VII**).
- Antimicrobial testing of salt (**IV**) and respective Ag and Se compounds (**V-VII**).

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