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Synthesis, structural characterization, antibacterial activity, DNA binding and computational studies of bis(2-methyl-1*H*-imidazole κN^3)silver(I)dichromate(VI)

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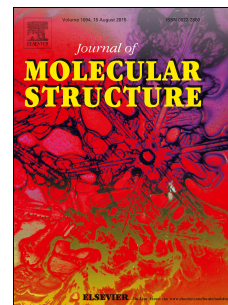
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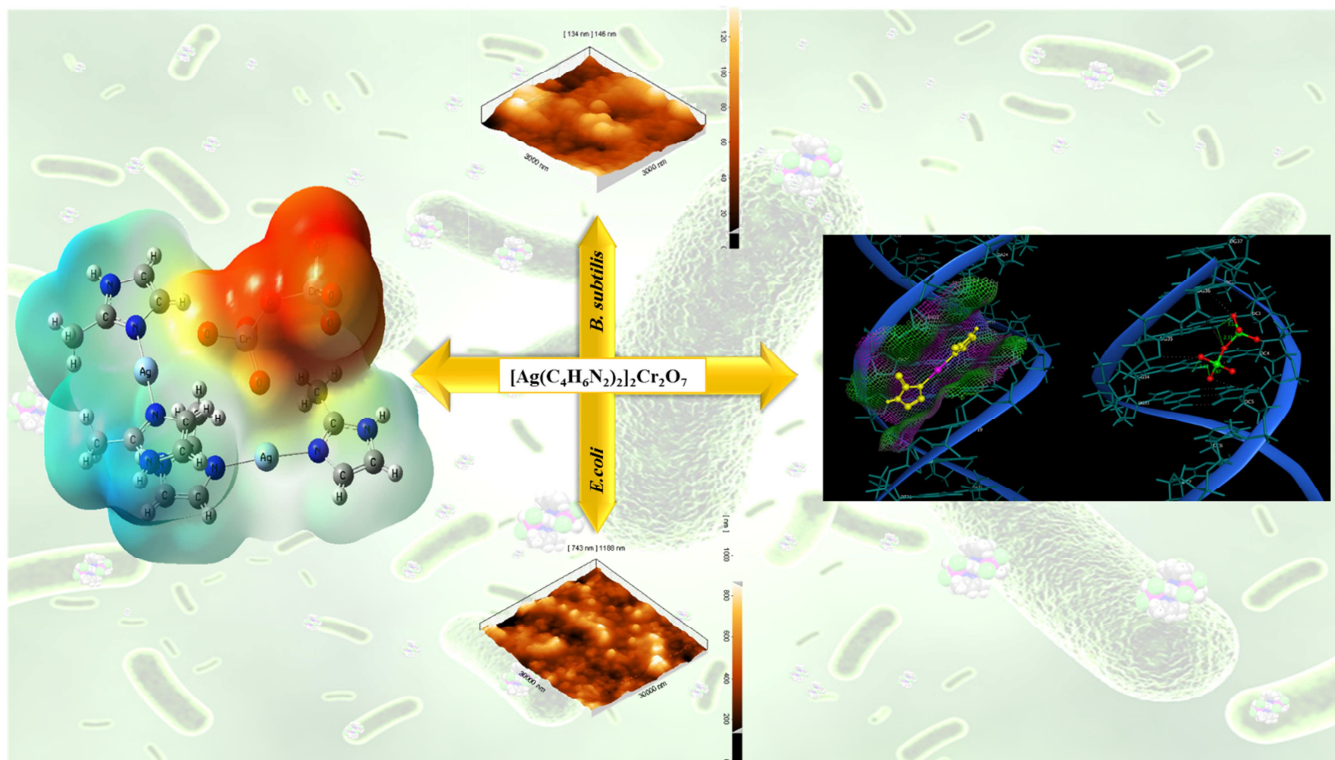
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Graphical abstract



The silver(I) complex can destroy *E. coli* and *B. subtilis* bacteria via its strong interactions with these bacteria. These interactions were studied by molecular docking and DFT calculations.

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