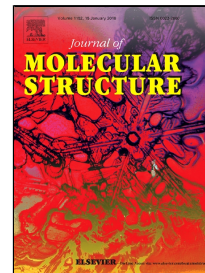


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Synthesis, crystal structures, spectral, thermal and antimicrobial properties of new Zn(II) 5-iodo- and 5-bromosalicylates



P. Košická, K. Győryová, L. Smolko, R. Gyepes, D. Hudecová

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- Two Zn(II) complexes with 5-iodo- and 5-bromosalicylic acid were prepared and characterized by elemental analysis, IR spectroscopy and complexometry
- Crystal structures of both complexes was determined by single-crystal X-ray structural analysis
- Thermal decomposition of prepared complexes was described
- Antimicrobial activity of prepared complexes against selected microorganisms was studied
- Effect of the halogen substituent on antimicrobial activity in series of Zn(II) 5-substituted salicylates was revealed

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