



Molecular Structure of Macroheterocyclic Compounds

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Message from the Guest Editors

Dear Colleagues,

The design of new analogues of porphyrins and porphyrazines with various structures of the coordination center and periphery of the macrocycle, and the determination of their physicochemical properties are perspective areas in the chemistry of the macrocyclic compounds. The modification of the coordination cavity size, as well as the type and number of central atoms, makes it possible to control the specific physicochemical properties. The practical application of macroheterocyclic compounds in new areas, such as nonlinear optics, semiconductor and liquid crystal materials, sensor devices, oncology, etc., requires the expansion of their molecular architecture and methods of its construction. Moreover, it is necessary to increase the number of studies devoted to the determination of the relationship between the geometric and electronic structure of molecules and its reactivity under various external conditions.

We are pleased to invite you to present your works in this Special Issue, which considers experimental and calculated data on the structure of macroheterocyclic compounds.





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Message from the Editor-in-Chief

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