



## Bioorganic Chemistry Frontiers

By -

Springer. Paperback. Condition: New. 253 pages. Dimensions: 9.0in. x 6.0in. x 0.7in. It is well accepted that progress in biological and biochemical researches is based mainly on a better understanding of life processes on a molecular level. For this, modern chemical techniques for structural elucidation even of sophisticated biomolecules and theoretical and mechanistic considerations involving biological macromolecules help the understanding of structure-function relations, metabolic processes, molecular and cellular recognition and the reproduction of life. On the other hand, controlled manipulation of the structure of biological macromolecules and the synthesis of well designed biomimetic models are the basic tools used in bio-organic chemistry, a field at the -border line between classical biochemistry and classical organic chemistry. For this, increasing number of chemists and biochemists are studying simple synthetic molecules as models of enzyme action, ion transport across membranes and in general receptor-substrate interaction. This new series, Bioorganic Chemistry Frontiers, will attempt to bring together critical reviews on the progress in this field. In this second volume of the series, six different active domains are covered and are presented to stress the diversity and scope of bioorganic chemistry. They include the design of artificial nucleases (Corey, Zuckermann, and...



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