

Chemistry of Biomolecules

Second Edition

About the Book

Biomolecules are those molecules that are involved in the maintenance and metabolic processes of all living organisms.

This fully revised second edition offers extensive coverage of important biomolecules from organic chemistry point of view. The author discusses carbohydrates, amino acids, peptides, proteins, enzymes, pyrimidines, purines, nucleic acids, lipids, terpenoids and alkaloids. The various topics are described in simple, lucid language and the mechanisms of the reactions are explained wherever required. Ideal for upper level undergraduates, graduates and researchers.

Features:

- The author discusses the basic organic chemistry of the main families of biomolecules.
- Gives comprehensive information on biogenic substances.
- Includes a new chapter on alkaloids.
- It is a one-stop work with complete information about important biomolecules.
- This second edition will now appeal to upper level undergraduates as well as graduates.

About the Author

Dr. S.P. Bhutani, a recipient of the Prof. R.P. Mitra Gold Medal in M.Sc. from the University of Delhi, completed his Ph.D. in 1968 in Chemistry of Natural Products from the University of Delhi. Dr. Bhutani was Research Officer for 2 years in the Composite Drug Research Scheme under Prof. T.R. Seshadri, FRS at the Department of Chemistry (University of Delhi).

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