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Biophysical Chemistry (Paperback)

By Alan Cooper

Royal Society Of Chemistry, United Kingdom, 2011. Paperback. Condition: New. 2nd New edition. Language: English . Brand New Book. Biophysical Chemistry covers the physical chemistry of biological macromolecules and the experimental techniques used to study them. Topics covered include: an introduction to biological molecules; spectroscopy, mass spectrometry and hydrodynamics of macromolecules; a bluffer s guide to molecular thermodynamics; biomolecular kinetics; chromatography and electrophoresis; and single-molecule methods. The easily digestible, pragmatic approach captures the reader with the fascinating challenges the subject poses for theoretical and experimental scientists. This book will be ideal for early undergraduates studying chemical or physical sciences and will act as a basis for more advanced study. Students in other areas of biological sciences will appreciate the less intimidating approach to physical chemistry as demonstrated here. Ideal for the needs of undergraduate chemistry students, Tutorial Chemistry Texts is a major series consisting of short, single topic or modular texts concentrating on the fundamental areas of chemistry taught in undergraduate science courses. Each book provides a concise account of the basic principles underlying a given subject, embodying an independent-learning philosophy and including worked examples.



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