



Chemistry for the Life Sciences

By Raul Sutton, Bernard Rockett, Peter G. Swindells

Taylor Francis Inc, United States, 2008. Paperback. Book Condition: New. 2nd Revised edition. 252 x 174 mm. Language: English . Brand New Book. Presents short topics tied to numerical or conceptual ideas, reinforced with worked examples and questions Retaining the user-friendly style of the first edition, this text is designed to eliminate the knowledge gap for those life sciences students who have not studied chemistry at an advanced level. It contains new chapters on - * Water, covering the mole concept and colloids * Gases, discussing pressure, gas laws, partial pressure, solubility of gases, and diffusion * Metals in biology, including properties, oxygen carriers, biocatalysis, charge carriers, and toxicity The authors divide their analysis of carbon compounds into two chapters. One focuses exclusively on aliphatic carbon compounds, while the other provides a greatly expanded exploration of aromatic carbon compounds, isomerism, amines and amino acids, including benzene, aromaticity, types of isomerism, and absolute configuration. With a current examination of organic and biological reactions, this instructional volume also features end-of-chapter questions and provides a solutions manual for qualified instructors.



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