



TEXTBOOK OF ORGANIC CHEMISTRY

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The recent work “Textbook of Organic Chemistry”, Preston University Edition, Islamabad, 2011, by Prof. M. Iovu (Bucharest, Roumania) and Prof. A.W. Baloch (Jamshoro, Pakistan), represents a remarkable and authoritative contribution to the existing library of chemical information in the area of organic chemistry. The textbook provides an original, elegant and attractive treatment of the subject.

By thoroughly introducing the fundamental aspects of organic chemistry as a useful background to a deeper understanding of this important domain, the book describes an impressive number of traditional organic reactions useful for the teaching programme at a graduate and postgraduate level. The authors have systematically and cleverly arranged and carefully developed the sequence of chapters in a concise manner so as to enable students and teachers to easily comprehend the whole content of the book. Noteworthy, along with the basic chemical information included in the first part, the text clearly demonstrates the prominent role of the specific chemical nomenclature, widely applied by every organic chemist and especially the modern concepts of functionalities, necessary when thoroughly studying the complex chemistry of the functional groups. In this context, a special merit of the book is that the most relevant transformations of the functional groups have been systematically organised and properly illustrated, benefiting of numerous representative examples. An extremely useful source of information is further delivered on the structural characterisation of organic compounds of high utility for practitioners. Also significantly, the graphical part of the book, fully illustrating equations, figures and diagrams, has rendered the text quite appropriate for any practical utilisation. Moreover, on using a quite simple language, the book becomes easily readable and perfectly comprehensible by a very broad panel of readers. Most importantly, by properly selecting the main organic reactions, the authors have clearly demonstrated that the organic chemistry is nowadays a powerful synthetic method for manufacturing chemical products that acquire an increasing role triggered by the strong demand for appealing applications in diverse industrial areas of chemistry (e.g. basic organic and polymer chemistry, petrochemistry, agrochemistry, pharmaceutical and medicinal chemistry, materials science and technology).

In summary, this publication is certainly a timely, well-written textbook on organic chemistry which makes it an especially welcomed addition to the existing chemical literature in this important area of science and technology. The authors are to be congratulated for having produced an excellent work on a current topic of high utility for graduate and postgraduate students as well as for teachers and researchers who are active in the field of organic chemistry.

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