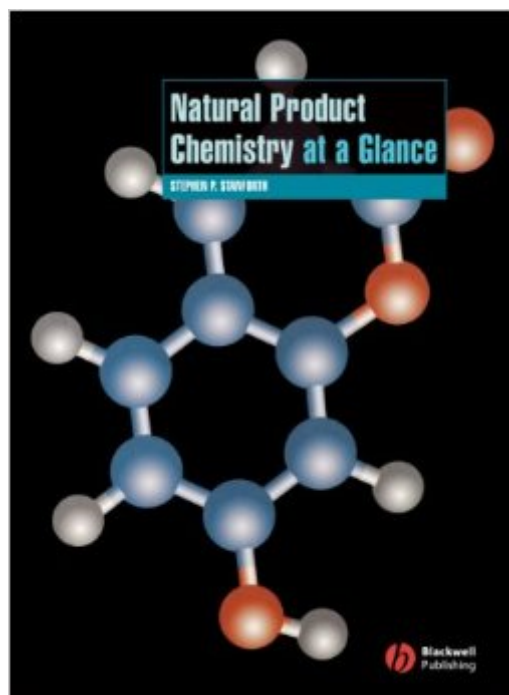


The book was found

# Natural Product Chemistry At A Glance



## Synopsis

Natural products have been a fertile area of chemical investigation for many years, driving the development of both analytical chemistry and of new synthetic reactions and methodologies. Many of the most important synthetic reactions in chemistry have been developed in the quest to characterise and synthesise these materials. *Natural Product Chemistry at a Glance* provides a concise overview of the main principles and reactions of natural product chemistry, for students studying chemistry and related courses at undergraduate level. Based on the highly successful and student friendly "at a glance" approach, the material developed in this book has been chosen to reinforce the principles of elementary organic reactions and to highlight the similarity between many organic reactions and biological processes. It will also serve as an initial platform for more advanced excursions into the origin of natural products. Students using *Natural Product Chemistry at a Glance* will find they have a resource with which they can quickly, economically and confidently acquire, regularly review and revise the basic facts that underpin the biosynthesis and chemistry of natural products.

## Book Information

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## Customer Reviews

I bought this book - hoping that the author would give a good introduction to natural products. And perhaps help to explain the natural pathways (metabolic processes) in plants. I was not disappointed .. i think Prof. Stanforth accomplished these goals very well. The book does not pretend to be a complete resource on biochemistry. But WHAT it does do ... is to help you to

understand how plants are synthesizing various natural compounds. This book does require a knowledge of organic chemistry. It challenges you, but without being overwhelming. Therefore, if you use it ... in association with a standard textbook on biochemistry, I think you will be very pleased. Topics include ... Fatty acids, Polyketides, The Shikimic Acid Pathway, and Terpenes. That's a pretty good leap forwards in knowledge, for people who want to understand chemicals in plants.

Very clear presentation of the major classes of secondary metabolites. Useful as a teaching resource.

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