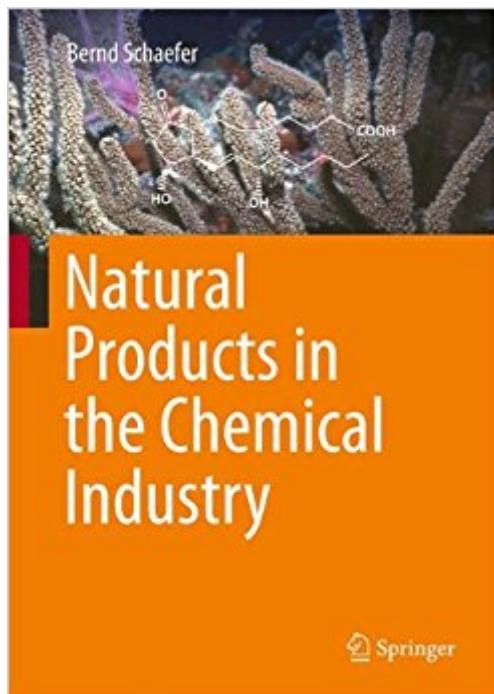


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Natural Products In The Chemical Industry



Synopsis

Natural Products in the Chemical Industry is not a conventional textbook, but rather an invitation to join an entertaining journey that takes you into the fascinating world of natural products. This book features diverse compound classes from a number of areas: colourants, fragrances and flavourings, amino acids, pharmaceuticals, hormones, vitamins and agrochemicals. Whether you are a teacher or a scholar, an undergraduate or graduate student, a professional chemist in industry or academia, or someone just interested in natural sciences, this book allows you to be inspired and entertained by facts and information along with enjoyable anecdotes, historical, economic, political, biological and social considerations. Experts in the field can have a pleasurable time cruising through captivating synthesis methods, which enable the generation of complex molecules on industrial scale. This book deals with the manufacturing of larger quantities of complex molecules (asymmetric and heterocyclic compounds, polycyclic structures, macrocycles and small rings) displays all reaction schemes in colour, which makes them easy to read highlights aesthetics and elegance in modern industrial organic chemistry

Book Information

Hardcover: 831 pages

Publisher: Springer; 2014 edition (February 24, 2015)

Language: English

ISBN-10: 3642544606

ISBN-13: 978-3642544606

Product Dimensions: 6.8 x 1.5 x 9.7 inches

Shipping Weight: 5.8 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars See all reviews (2 customer reviews)

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Customer Reviews

First the good stuff: Extensive bio- and commercial- synthesis pathways ARE given for the compounds discussed. A very broad interpretation of "the chemical industry" is also nice: Everything from dyes to drugs to fertilizers are covered. The content, however, is poor. The voice differs wildly from section to section, there are numerous uncited assertions and offtopic diversions, and the treatment of different classes of chemicals varies widely. Consider there is no discussion at all about

the extraction of Beta-Lactam antibiotics from their natural sources, but the book goes into deep demotic detail on the production of morphine. This is a big book, and obviously a lot of people contributed to it, but it needs a major "consolidation and consistency" editing pass before release as a > \$100 book. Shame on Springer, who is usually more careful than this.

very useful book

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