

*Book Received**

Combinatorial Chemistry. By Willi Bannwarth and Eduard Felder (eds.). Wiley-VCH, Weinheim. 2000. 430 pages. Hardcover. 268.- DM / 137.03 EUR / 238.- SFR. ISBN 3-527-30186-0

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As we enter the new millennium, combinatorial chemistry is providing significant impetus to new innovations in synthetic chemistry. Combinatorial chemistry has rapidly become the rising star among research methods, allowing scientists to efficiently test the feasibility of a multitude of new compounds.

The pursuit of new drugs is but one challenging field in which these combinatorial methods are particularly advantageous, helping researchers meet the modern-day demands of a highly competitive environment.

This book emphasises that modern combinatorial synthesis is possible not only in the solid phase, but also in solutions. Moreover, it discusses computer-assisted methods as well as the apparatus and instrumentation required for the combinatorial method. Successful and experienced researchers in the leading pharmaceutical companies and most renowned research institutes offer a solid insight and perspective into this diverse field. A 'must' for every scientist in the area of pharmaceutical research.

1. General Introduction
2. Combinatorial Chemistry in Solution
 - 2.1 Introduction
 - 2.2 Multicomponent Condensations
 - 2.3 Purification in High Speed Solution-Phase Synthesis
3. Solid-Phase Chemistry
 - 3.1 Linkers for Solid-Phase Organic Synthesis and Combinatorial Approaches on Solid Support
 - 3.2 Cyclative Cleavage: A Versatile Concept in Solid-Phase Organic Chemistry
 - 3.3 C-C Bond Forming Reactions
 - 3.4 Combinatorial Synthesis of Heterocycles
4. Polymer Supported Reagents: Preparation and Use in Parallel Organic Synthesis

5. Encoding Strategies for Combinatorial Chemistry
6. Devices for Combinatorial Synthesis
7. Computer-Assisted Library Design

**Editor's Note:* The brief summary and the contents of the books are reported as provided by the author or the publishers. Authors and publishers are encouraged to send review copies of their recent books of potential interest to readers of *Molecules* to the Editor-in-Chief (Dr. Shu-Kun Lin, MDPI, Saengergasse 25, CH-4054 Basel, Switzerland. Tel. +41 79 322 3379, Fax +41 61 302 8918, E-mail: molinfo@mdpi.org). Some books will be offered to the scholarly community for the purpose of preparing full-length reviews.

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