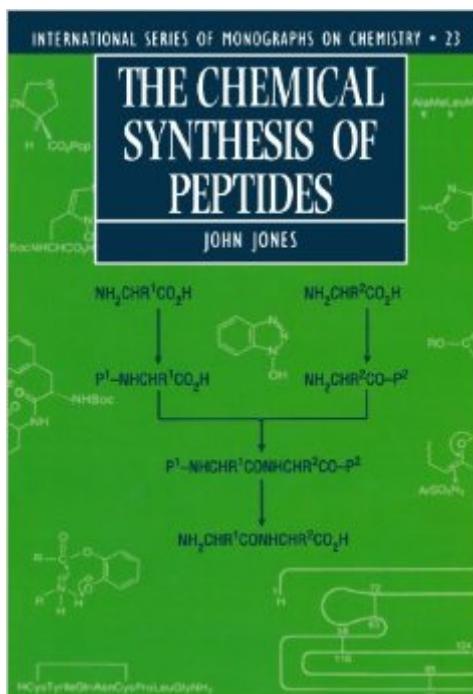


The book was found

# The Chemical Synthesis Of Peptides (International Series Of Monographs On Chemistry)



## Synopsis

Peptides have many roles in medicine, and their potential for future application is even greater. They are involved in the regulation of fertility, the control of pain, the stimulation of growth, cancer therapy, cardiovascular problems, connective tissue diseases, digestive disorders, mental illness, and infections by microbial or viral agents. The preparation of such compounds by manipulating biological systems (genetic engineering) is an increasingly sophisticated art, but each case requires developmental work, and the approach is at present almost powerless with structural types that don't occur naturally. Chemical synthesis, on the other hand, is in principle applicable to any target, and is likely to remain very important in the peptide area for the foreseeable future. The emphasis throughout this book is on the chemical principles behind the more important methods of peptide synthesis. It provides a critical, concise, and up-to-date survey of the field. The term peptide is interpreted liberally, as embracing not only conventional sequences of up to a few dozen natural amino acids, but also protein-scale molecules and structures comprising other residues or unusual features, for example, cyclopeptides and conjugated peptides. The synthetic methods considered here are treated within a modern mechanistic framework, and illustrated with carefully selected case studies, and this valuable account will be of interest to all those working in the field of peptide synthesis.

## Book Information

Series: International Series of Monographs on Chemistry (Book 23)

Paperback: 240 pages

Publisher: Clarendon Press; Revised edition (May 26, 1994)

Language: English

ISBN-10: 0198558392

ISBN-13: 978-0198558392

Product Dimensions: 6.1 x 0.6 x 9.1 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,127,264 in Books (See Top 100 in Books) #55 in Books > Science & Math > Chemistry > Organic > Synthesis #3688 in Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry #7031 in Books > Science & Math > Chemistry > General & Reference

[Download to continue reading...](#)

The Chemical Synthesis of Peptides (International Series of Monographs on Chemistry) Chemical Approaches to the Synthesis of Peptides and Proteins (New Directions in Organic & Biological Chemistry) Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] The Chemistry of Heterocyclic Compounds, Oxazoles: Synthesis, Reactions, and Spectroscopy, Part B (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 60) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Analysis and Purification Methods in Combinatorial Chemistry (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Nuclear techniques in analytical chemistry, (International series of monographs on analytical chemistry) Handbook of Petroleum Product Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Handbook of Coal Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Radiochemistry and Nuclear Methods of Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Photochemical Vapor Deposition (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) High Performance Liquid Chromatography (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Formulation and Delivery of Proteins and Peptides (ACS Symposium Series) Inventing Chemistry: Herman Boerhaave and the Reform of the Chemical Arts (Synthesis) Unimolecular Reaction Dynamics: Theory and Experiments (International Series of Monographs on Chemistry) Density-Functional Theory of Atoms and Molecules (International Series of Monographs on Chemistry) Vasodilatation: Vascular Smooth Muscle, Peptides, Autonomic Nerves, and Endothelium HPLC of Peptides and Proteins: Methods and Protocols (Methods in Molecular Biology) The Chemistry of Heterocyclic Compounds, Monoterpene Indole Alkaloids - Supplement (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 25) The Chemistry of Heterocyclic Compounds, Isoquinolines (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 38)

[Dmca](#)